

A . U . B .



B U L L E T I N

VOL. 15

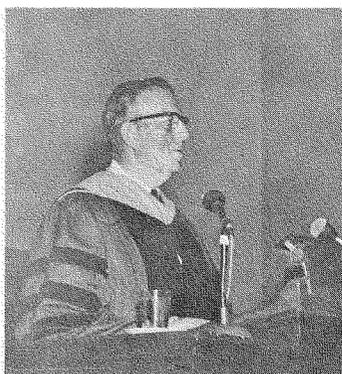
1971-72

American University of Beirut bulletin

VOLUME XV, No. 1

THURSDAY, OCTOBER 14, 1971

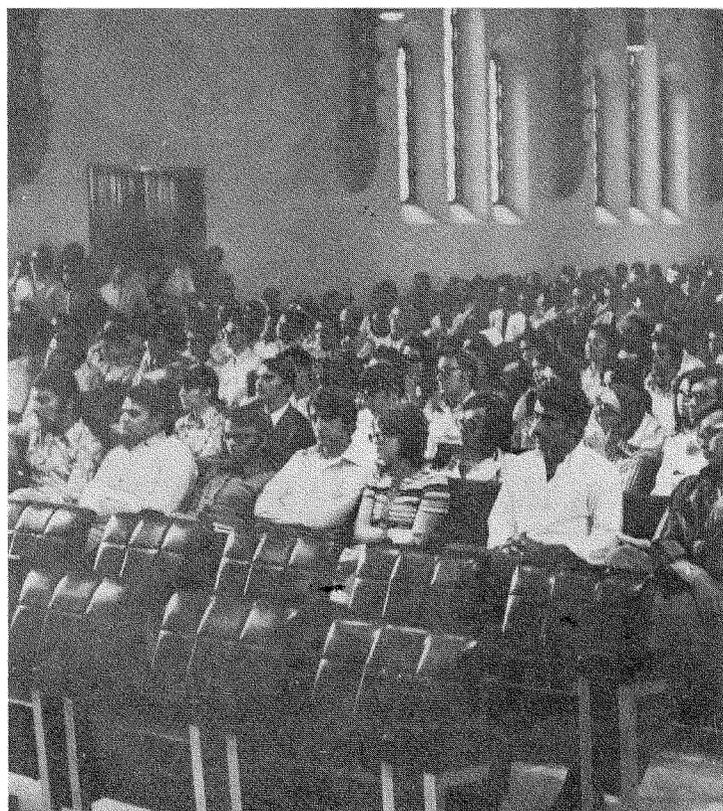
Kirkwood Explains The Great Challenge of 1971 - 1972



President Samuel B. Kirkwood opened on Monday October 11th, the Academic Year 1971-1972 at AUB in an official ceremony held at the Assembly Hall.

In his opening speech the President outlined the basic facts which may help members of the AUB Community in the widest sense to identify the major role of AUB and the role of the people connected to it in preserving the University as an educational institution and as a platform for the discussion of ideas and beliefs of all kinds in an academic atmosphere.

The President stressed: "AUB will live and grow not so much by what pride we have in being AUB or by what we plan for the future, but by what we do now. For a while the concept that is AUB rests in our hands."



Alumni Appeal to AUB Students

The Alumni association addressed on 6th October 1971 the following appeal to all students of the American University of Beirut:

The Alumni in their meeting on September 20th, 1971, to discuss the situation in AUB as a result of the strike of last June, decided to send an earnest request to all students, and in particular to those who were actively involved in that strike, to abide by the rules and regulations of the University, protecting it from harm and protecting themselves and their future.

The Alumni as they extend this request to their future colleagues, assure them of their full and deep understanding of the situation but regardless of causes, the discipline and respect due to an institute of learning should not be broken by anybody, let alone by the students of that institute.

Our full confidence in your ability to see the situation in its true dimensions has prompted us to send this request to you, urging you to respond and protect this coming academic year from disruption.

In the name of all the Alumni and their Council, I extend to you my regards and best wishes.

K. Musfi
General Secretary

Area Lecture Series (Oct. 20 - Dec. 8)

Each year the American University of Beirut offers a series of lectures on the Middle East. The program is designed primarily to acquaint newly arrived faculty and staff with problems of the area, but other interested members of the community are invited to attend.

The lectures will take place in the Ada Dodge Faculty Lounge, on Wednesdays at 8:00 p.m. in accordance with the following schedule. Coffee and tea will be served at the end of each meeting. All are welcome.

University Choir

Members of the Community, Faculty and Student body who have had experience in Choral music are cordially invited to join the AUB Choir.

A brief general meeting will be held on Monday, October 18th at 6:30 p.m. in West Hall Auditorium "B" to discuss the Christmas Concert to be given on Sunday, December 19th. This coming performance will mark the 23rd annual Musicale.

Will all those who are interested please make a point of attending this meeting which is of primary importance.

DATE	SUBJECT	LECTURER
October 20, 1971	The American University of Beirut	President Samuel B. Kirkwood
October 27, 1971	The People of Lebanon: An Anthropological View	Prof. Fuad Khoury
November 3, 1971	The Near East — Land, People, Religions	Prof. William Ward
November 10, 1971	The Near East — Cradle of Civilization	Miss Helga Seeden
November 17, 1971	The Political Scene	Prof. Ibrahim Ibrahim
November 24, 1971	The Economic Scene	Prof. Yusuf Sayegh
December 1, 1971	A Literary Outlook of the Area	Prof. Sami Makarem
December 8, 1971	The Palestine Question	Prof. Mahmoud Zayid

Student Relations Reviewed

To most AUB faculty and students it was not quite clear when the 1970-71 academic year ended. It was a disappointment to many that there was no graduation ceremony in June (one of Beirut's more colorful events) and graduating students in many cases do not yet have graduation certificates in hand. Faculty conducting summer courses noted a heavy attendance by students catching up on studies missed during the 23-day student strike of May 13 to June 4th. In most cases faculty and students were engaged in an examination schedule that continued right up to the first week in October. Some faculty were understandably weary at the necessity of preparing as many as four separate examinations to meet the most complicated examination schedule ever in AUB's 105 years.

For those members of the academic community not in Beirut over the summer, and for those newcomers, highlights of events since June 30th, when the year officially closed and when many had already departed on home visits, to summer jobs and to a wide variety of other responsibilities, are summarized.

On July 27 the President dissolved the Student Council and suspended the Council Constitution. The term of the previous Student Council had expired on June 30th, and elections for the new council provided for under the Constitution and scheduled in May were never held. In taking this action the President stated, "It is imperative, however, that new procedures be found to deal with student activities on campus. I am therefore forming a Commission to study the entire question of student participation in University life and to submit its recommendations to the Senate as soon as possible. This Commission is established in further compliance with the following vote of the Senate: That a commission of faculty, students, alumni and administration be established immediately to determine the mechanisms of student participation in the University life, and report to the Senate."

"In order to ensure continuing student participation in University affairs until the recommendations of the Commission have been submitted and accepted, I am establishing an ad hoc Student-Faculty Committee on Student Affairs."

On August 3rd letters were sent to 10,000 AUB alumni and 4,000 parents of AUB students explaining the extreme conditions which the interruption of the University program places on the University and seeking alumni and parent suggestions. (See box.) Many have taken this opportunity to express their views to the President and these will be summarized in the next issue of *Al-Kulliyah*.

About mid August letters were sent to 22 students informing them of their suspension from re-admission until further notice for violation of university regulations during the May-June strike. Eight of these students were not immediately affected in as much as they were not applying for re-admission in the fall. Three of the remaining were graduate students and eleven were undergraduates. An additional fifty-one students were given a warning letter or placed on disciplinary probation. In all cases those completing academic requirements received credit for the year.

Dear Alumnus:

As AUB closed its academic year 1970-71 with 899 students graduating in its four faculties, its academic program was severely curtailed by a 23 day strike called by the Student Council in protest against a 10 per cent increase in tuition fees, though this was the first general tuition increase since 1962. As the strike was escalated political issues were introduced, buildings were occupied, property was damaged, and thus the academic program at AUB was brought to a standstill. Graduate research projects, extension services to other institutions, library services, classroom and laboratory activity were all effectively interrupted.

Unlike other institutions, the AUB program depends on continuity of research and study. Therefore the University cannot sustain

Subsequently the Student-Faculty Committee on Student Affairs and the Commission studying the mechanism of student participation in University life mentioned above were appointed. The 14 man Ad Hoc Commission on Student Participation which is now holding hearings is under the Chairmanship of Professor Joseph Asmar and is composed as follows:

Five Students: Najwa Idriss, Jumana Khatib, Adnan Ataya, Manhal Ghanma and Hani Ghosn

Five Faculty Members: Prof. Fua'd Farah, Mahmoud Ghul, Raja Iliya, Landry Slade and Joseph Asmar.

Two Alumni: Dr. Farid Haddad and Mrs Edwige Shaiboub.

Two representatives from the Administration: Dean Robert Najemy and Dr Levon Melikian.

The Student-Faculty Committee on Student Affairs appointed on October 1st is composed of eight members and chaired by Dean of Students, Robert Najemy:

Agricultural Sciences: Professor

Fawiz al-Haj, Mr. Nizar Azar (Agr. II)

Arts and Sciences: Professor Samir Khalaf, Mr. Waha Betian (A&S Graduate)

Engineering and Architecture: Professor Suleyman Deeb, Mr. Samih Samaha (Class '72)

Medical Sciences: Dr Rifaat Dagher, Mr Tarif Nusuli (Med. II)

On October 6th Mr Maher Masri, president of last year's Student Council, returned to Dr Levon Melikian, the university counselor, the confidential student interviews which were of a medical nature that disappeared during the May-June occupation of university offices when the strike, led by the Student Council, was escalated on May 24th.

During the summer items and interviews have appeared in the Beirut press, the best perhaps being a series of interviews of all points of view in *An Nabar*, October 4-10. One of the clearest statements was made by Distinguished Professor Charles Malik and was the last of the series (see box).

Kirkwood's Letter to Alumni and Student's Parents

long or repeated disruption of its academic program. To close down a research project, scientific experiments, or the administrative services supporting a special study, results in a loss that cannot be recovered. While the University supports open discussion of all points of view on all issues, it cannot survive when any one group assumes the right to prevent others from attending classes, from continuing their research activities, or from entering offices to out assigned responsibilities.

Summer School is now in full session. Some of last year's Student Council have declared that the strike will be continued, possibly intensified, in the fall. AUB alumni must be fully aware of the simple fact that if the academic program is unable to continue uninterrupted, the University itself is seriously threatened. As both concerned alumni and

citizens seeking to continue educational opportunity for those who follow you, your support is essential to the University.

We hope that each of you will study the issues raised by the changing demands on AUB and, enthusiastically and with all honesty, will represent to those who are uninformed, the University which you know. With such support the University will continue to serve the people of this region for many years to come. Many of you have already written me your thoughts about the University and this has been much appreciated. Do not hesitate to write me now for additional information or clarification of any issue where factual information seems to be lacking. Your inquiries will be answered promptly and directly, and your suggestions will be welcomed.

AUB Bulletin

The AUB BULLETIN is the official news bulletin of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during the University holidays by the Office of Information, College Hall 306.

News intended for Thursday publication should be left, typed if possible, in the Department of Information by 10 a.m. Monday. The BULLETIN reserves the right to edit news items and to omit them entirely if unsigned. For all communication with the Bulletin please call extensions 2201 or 2478.

Editor: Hilmi Malouf, Managing Editor: Alexandros Vikis

Dr. Malik on AUB "Crisis"

The Beirut daily, An-Nahar, put four questions to Dr. Charles Malik, which it published with his answers to them on October 10, 1971. What follows is the translation from the Arabic of the questions and answers. The translation is done by Dr. Malik himself, and there is a slight adaptation from the Arabic so far as the text of the answers is concerned.

Question 1. — How do you conceive a way out of the crisis in the University so that the University will not close down and the students will not continue striking by reason of the tuition increase?

Answer: I fear that your way of putting the question is mistaken. You speak of "the crisis" and of "a way out" of it. But you do not define what you mean by "crisis." Then you go on to say, "so that the University will not close down," but what I know is that it never entered the head of the University to close down. Where did this idea of the University closing down come from? Then you add, "so that the students will not continue striking." This too I do not understand. The Summer School at the University went very well indeed; the students were diligent in their study and learning; and I heard of nobody striking. Moreover, the autumn season is upon us next week, and so how can you speak of "students continuing the strike" when the new term of study has not begun? How can there be a strike before the event? How can a thing "continue" before it begins? It appears as though you were inciting the students to strike in advance, and of course I regard you completely above such an act. As for the students, their principal concern is to learn and study, to pass their examinations, and to graduate to the practical life of responsibility and production. I regard them too as completely above any action that might endanger their future.

Finally, you speak of "by reason of the tuition increase," and this is quite strange, and indeed for four reasons. First, tuition at the University is cheaper than in many secondary schools in Lebanon. Secondly, the student at the University pays only a small part of what it costs the University to educate him. As an example, the medical student pays less than ten per cent of the cost of his education. Thirdly, as the President has declared many times, nobody is going to be hurt by what you call "the increased tuition fees." If any student deserves help and is in real financial need, and if the increase in tuition is going to prevent him from enrolling in the University, then the University will remove this impediment by granting him aid. Those who are going to receive such help this year exceed by far the number of those who received it last year. Nor should

we forget that this "increase in fees" is only ten per cent, and that it is the only "increase" that the University has adopted in eight years. Fourthly, if what you call "increase in tuition fees" were any cause for anything, then I ask why this year's extraordinary demand to enroll in the University which the University has not witnessed in all its history. In some programs the University has had to refuse seven for every student it was able to accept.

For all these reasons, I beg you, as a responsible press correspondent, to formulate your questions in a more responsible way.

The important thing is the truth, and not the imaginings of anybody. The actual controlling truth is: (1) that the American University of Beirut is a private, free, independent, non-profit institution of higher learning in Lebanon; (2) that it conducts its life on the basis of free, independent and private laws and regulations of its own; (3) that its programs are four: medicine, engineering, agriculture and arts and sciences; (4) that its doors are open to competent and qualified students from the Middle East and beyond; (5) that certain disturbances did occur during last May and June; (6) that the University took appropriate steps and decisions vis-à-vis these disturbances on the basis of its own independent laws and procedures; (7) that the Board of Trustees of the University met in Beirut towards the end of last June and took a unanimous decision whereby it declared its complete faith in the University, in its policy, in the conduct of its affairs, in its destiny and in its future; and (8) in particular, it expressed its complete confidence in President Samuel Kirkwood. This is the plain and controlling truth which it behooves every lover of truth to contemplate.

Question 2. — Is the problem at the University a financial one, or is it related to social and political developments in Lebanon and to the movements of rejection throughout the world?

Answer: If there is a "problem" at the University, it certainly is not financial, except in the sense that the University runs under a great deficit every year, and that in order to meet this deficit it finds itself perpetually forced to appeal to its friends in the United States and in the Middle East for financial help. Precisely because it believes firmly in itself, in the high academic standards of its programs, in its message to this part of the world, in the necessity of its continuing to serve in Lebanon, and in its future, the University will doubtless continue to seek—and I believe to find—the necessary means for meeting its deficits. It has full confidence that its unique value, which is internationally recognized, is such that it will always find friends who will

lend it support in its struggle for existence.

With respect to what you call "social and political developments in Lebanon," it is perfectly obvious that these "developments" have only helped to bring out the need of Lebanon and the Middle East for the University, as is clearly demonstrated by the unprecedented demand upon all its classes and programs this year.

You speak of "the movements of rejection in the world." Doubtless you mean what is called the youth revolt in many quarters in Europe and America. Permit me to remind you that we in Lebanon, and in the Near East in general, are well known throughout the world as transmitters, imitators and Levantines. I wish you would ponder what sort of character a Levantine is supposed to have according to those who use the term pejoratively. Then you would be thoroughly ashamed of our following "the movements of rejection in the world." More often than not we imitate what is superficial, passing and false, and the reason why we imitate what you call "the movements of rejection in the world" is that these are fundamentally superficial, erroneous and passing. But since imitation and copying are supposed to belong to our very nature, since we are branded as imitators anyway, then I wish we would imitate the deepest in the traditions which come to us from abroad, in art, literature, theory and reflection, styles of living, philosophy, spiritual matters, and the life of politics. I wish we learned from Aristotle, Augustine, Aquinas, Dante, Shakespeare, Dostoevsky, and the democracy of the British Parliament. These and similar depths are going to outlast any superficial vogues in hair, dress and manners. But let me assure you that our existential roots in Lebanon are much deeper and steadier than these passing erroneous superficialities which we imitate today with such shameful alacrity. Let me further assure you that the authentic roots in what you call "the world" are much deeper than these ridiculous aberrations which in only a few years will disappear like the foam and froth of the waves as they break on the seashore, and the world will completely forget them as though they had never been—forget them and forget with them all those who were seduced by them. For, as the Koran says, "what benefits mankind is the only thing that finally abides in the earth."

Question 3. — To what extent can the students constitute a separate body from the Administration?

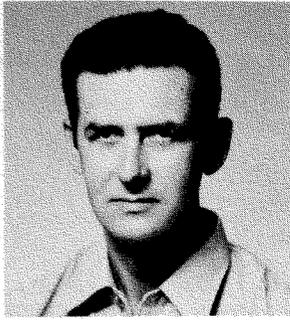
Answer: What do you mean by "the students constituting a separate body from the Administration"? The University is a free, private, independent scientific institution of higher learning. It lays down its mode of organization, including its administration and its educational programs. It is finally responsible for its organization and

rules. The world has granted it recognition of its diplomas by reason of its proven performance on the basis of this independence and this responsibility. The students are an inseparable and integral part of the total University body which consists of five organs: the Board of Trustees, the Administration, the Faculty, the students, and the non-academic personnel. On each one of these organs fulfilling its proper function in perfect harmony with the others depends the perfection of performance of the University as a whole. Who will teach the students if they "constitute a separate body from the Administration"? Who will sign their diplomas and who will recognize them if they "constitute a separate body from the Administration"? Who will pay the salaries of their professors if they "constitute a separate body from the Administration"? One assumes that if they come to this University, they want to study in it. But if some should want to establish another university for which they would raise funds, elaborate programs of learning, and seek to convince the governments and universities of the world to recognize its standards and diplomas, then that is of course their own concern. As for this University, it is now 105 years old, and it has long ago gone through and passed the founding phase wherein it sought and won the recognition of the world and its universities.

Question 4. — It appears that the professors stayed outside the University, and often their opinion was not solicited; in fact they appeared to behave more as employees than as professors. Do you believe that the professors should play a role in the crisis?

Answer: The opinion of the professors is always sought according to the University's own structures and procedures, and in fact their opinion was taken into account in what you call "the crisis." That a professor here or a professor there behaves as an employee rather than as a free mind, expresses his own limitation and belongs to his inalienable freedom. He alone is responsible for such a behavior. But I believe many professors expressed their views in perfect freedom, whether by criticizing the University or by approving its ways, whether by criticizing some student movements or by supporting them, whether by looking way beyond and above what you have been calling "the crisis" or by withdrawing miserably into their own shell. The faculty are a most important intimate organ of the total University organism, and they are always called upon to play their full role in the conduct of higher education, in perfect competence and responsibility, in all the fields of their specialty, and to create a climate of freedom and respect and intellectual dialogue and genuine search for the truth which will enable the University to realize its being and justify its existence.

New Faculty Appointments



Dr Heinrich C. Weltzien, from Berlin, Germany, has joined the Faculty of Agricultural Sciences, Plant Pathology.

Dr Weltzien is not unknown to the AUB community; he served in the AUB, Faculty of Agricultural Sciences, as an Associate Professor from 1962 to 1965. From 1965 and until he returned to the AUB he served in the University of Bonn, Institut fuer Pflanzenkrankheiten, as a full Professor and Institute Director. From 1954 to 1962 he served as an Assistant in the Agr. University Stuttgart-Hohenheim, Institut fuer Pflanzenschutz.

Dr Weltzien did his undergraduate work in Agriculture at the Agr. University Stuttgart-Hohenheim, graduating in 1949. In 1951 he earned his Diploma Ing. Agr. at the University of Bonn, and in 1954 he earned his Doctorate in Plant Pathology and Protection at the University of Bonn.

Dr Weltzien's research interests center on Epidemiology of plant diseases, Diseases and the control of Mediterranean crops, the Impact of environment on plant diseases, and principles of fungicidal action.

Dr Weltzien is the chairman of the International Society of Plant Pathology, a Council member of the American Phytopathological Society, and also a member of several other professional societies. He has also published several articles in professional journals.

Dr Weltzien, 46, is married. The Weltziens have six children their ages ranging from 5 to 15 years. Their names? Eva, Friederike, Alexandra, David, Christian, Julie.

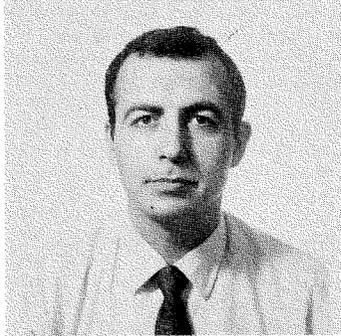
Dr Jack Morrel Anderson, from Sturgis, S. Dakota, USA, has joined the AUB, Faculty of Arts and Sciences, Dept. of Mathematics.

Dr Anderson is what one could easily call "the roving Professor." He served in the Tamkang College of Arts and Sciences, Taipei, Taiwan, as a visiting Professor in 1969. Twice he served as a consultant in India, while with the National Science Foundation, (USA). He also served as a visiting Professor in the University of Puerto Rico, from 1966 to 1967, and in the University of Iowa from 1968 to 1969. From 1963 to 1966 he served as an As-

sistant Professor in the Iowa State University, Ames, Iowa.

Dr Anderson's research interests are primarily in semigroup theory, and in automata theory. He has written several articles in professional journals. A sample: "Sobre Derivaciones Generalizadas," *Revista Colombiana de Matematicas*, June 1967. Another one: "Automorphisms and Endomorphisms of Abelian Groups."

Dr Anderson, 40, is a bachelor; number of children: none!



Dr Salim S. Akrabawi, an AUB graduate and ex-Research Assistant in the Faculty of Agricultural Sciences, has returned to serve once again in the AUB.

Dr Akrabawi graduated from the AUB, Faculty of Agricultural Sciences, in 1961. In 1963 he earned his M.Sc. in Poultry Nutrition. He subsequently joined the Hussein Agricultural College, Tul-karem, Jordan, where he stayed until 1964. From 1964 to 1968 he served in the University of California, as a Research Assistant. In 1968, upon successfully completing his doctorate programme in the University of California he earned his Ph.D. on Nutrition.

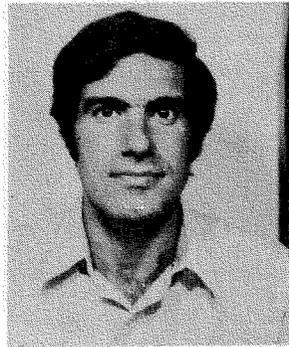
Between 1968-1970 he remained with the University of California, Nutrition Dept., as a post-doctorate nutritionist lecturer. In 1970 he moved to Vanderbilt Hospital, Medical School, Nashville, Tennessee, as a Research Assistant.

Dr Akrabawi's research interests focus on protein and amino-acid nutrition; energetics; protein and amino-acid metabolism in the fasting or diabetic state; and physiology of meal-fed rats. He has published numerous articles in professional journals, most of which deal with poultry nutrition.

Dr Akrabawi, a Jordanian, is married. The Akrabawis have a one-year old daughter, Ronna Lee.

Dr J. D'Amico, 32, originally from Buffalo, New York, has joined the AUB, Faculty of Arts and Sciences, Dept. of English.

Dr D'Amico received his B.A. from the University of Buffalo in 1960 (elected Phi Beta Kappa). His Ph.D. was granted by the State University of New York at Buffalo in 1966. The dissertation entitled "Symbolic Patterns of Ac-



tion in Certain Shakespearean Comedies" was primarily concerned with the play within a play. During his graduate years he received a fellowship under the National Defense Education Act and in 1963 a Fulbright grant to study in Italy and to serve as an assistant in North American Literature at the Universitario Orientale of Naples. After completing his graduate studies he was appointed Assistant Professor of English at the University of California, Berkeley and remained there five years. He has published poetry in a number of small journals, including *Asterisk*, *The Editors* and *Occident*. Last year an essay entitled "On Reading *Cymbeline*" was published in the *Annali* of the Universitario Orientale. A novel and a short story were recently completed with a grant from the Artists Assistance Corporation of San Francisco. Dr D'Amico will deliver a lecture as part of the English Department series (tentative title—"Of Founding States: some correlations between Machiavelli's *Discorsi* and *The Tempest* of Shakespeare.")



Dr Albert Badre is serving this year as a guest professor at the AUB, Department of Economics, being on a sabbatical leave from the university of Southern Illinois, where he has been serving as a professor since 1966.

Dr Badre is a very well-known personality in the AUB community. He is new only to the new people on campus. From 1938 to 1963 he served in the AUB in positions varying from an Assistant Professor to Associate and Full Professor.

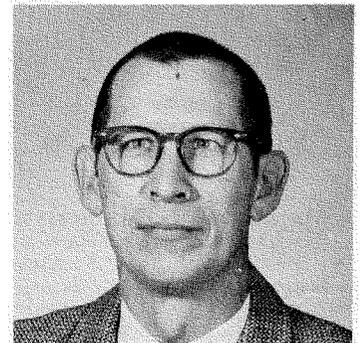
Dr Badre's academic life took him as far as Leopoldville, Congo, and as far as the US, Iowa and New York, and Illinois as a last step before his return to the AUB.

From 1957 to 1958 he served as the head of the M.E. Unit, New York. From 1961 to 1963 he served as Chief Economist and Advisor to the Premier while with the U.N. operation in Congo. From 1963 to 1966 he served as a professor in the University of Iowa, Iowa City, Iowa. And from 1966-1971 he served as a professor in the Southern Illinois University, Carbondale, Illinois.

Dr Badre is the author of many books: *Manpower and Oil in Arab Countries*, 1960, *Industrialization and Arab Economic Development*, 1961, *Economic Development and the role of the U.S.*, 1966, and others. He has also published a number of articles in professional journals.

Old timers on campus remember Dr Badre as a great fan of dramatic art. He directed and produced many plays.

Dr and Mrs Badre have five children, Sami, Ramzi, Albert, Leila, and Maria.



Dr Jack Capps, a native of Liberty, Missouri in the United States, comes to AUB as a Visiting Professor of English on sabbatical leave from his duties as Deputy Chairman of the English Department at West Point, where he has been a member of the faculty since 1959. He will be teaching courses in American literature and is to be directly involved in the department's research and lecture programs. Professor Capps holds the M.A. and Ph.D. (1963) from the University of Pennsylvania, is the author of *Family Dickinson's Reading 1836-1886* (Harvard Press, 1966), and is currently the Chairman of the Editorial Board for the Concordance of the Works of William Faulkner. He has published articles in a number of literary journals and is a contributing bibliographer to *American Literary Realism* (University of Texas at Arlington).

Mrs Capps, who is on leave of absence from her position as Map and Manuscript Librarian at the Academy at West Point, accompanied her husband to Beirut as did their daughter, Caroline Kate, a sophomore at the American Community School. The Capps also have a son, Steve, who is in school in the United States but expects to join the family for the Christmas holidays.

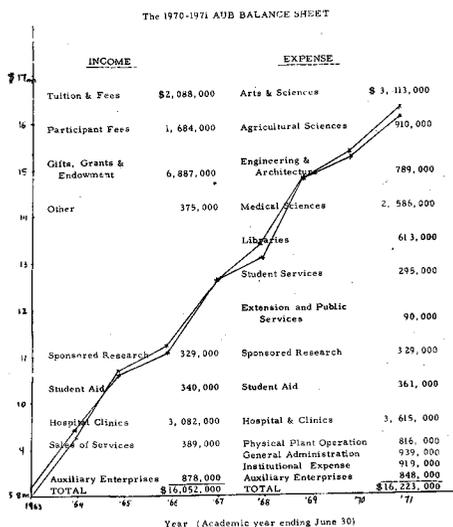
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VOLUME XV, No. 2

THURSDAY, OCTOBER 21, 1971

AUB Fiscal Year 1970-'71 ends with 4015 Students register by Oct. 19 a deficit of \$ 171,000



AUB auditors have just completed the statement of Income and Expense for the year 1970-1971 which ended June 30th. The sheet shows a deficit of \$171,000. This is due to rising costs increasing more rapidly than rising income.

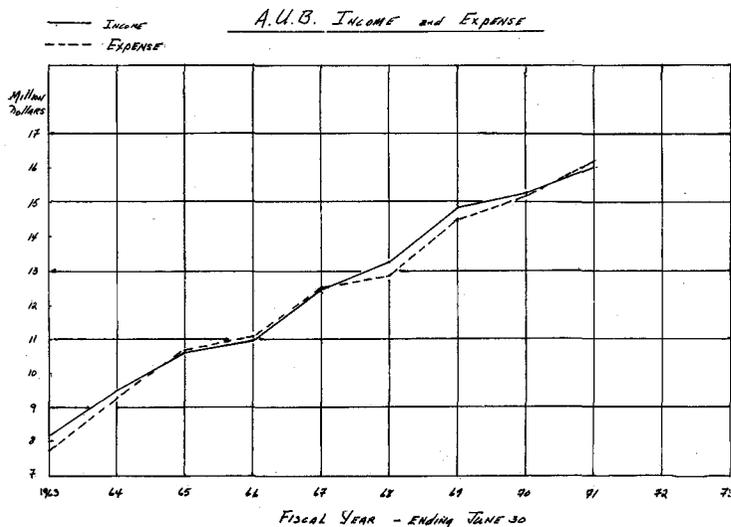
The budget department gave two main causes for the sharp rise in expenses:

1. The application of Lebanese medical insurance scheme which meant an extra financial commit-

ment for AUB of about 400,000 Lebanese pounds, and the 5-per cent high cost of living increment required by the Lebanese government retro-active to May 1971.

2. The inflationary trend in Lebanon and the world over and a substantial rise in the cost of supplies and equipment needed for the educational program.

Because of these factors a similar deficit of 400,000 L.L. is forecast for the current academic year 1971-1972.



Student registration figures at the AUB Registration Department were on Tuesday October 19h as follows:

A & S	2498
Medicine	271
Pharmacy	128
Nursing	162
Public Health	62
Engineering	550
Agriculture	243
Orientation	101

TOTAL 4015

There was a large number of late registrations this year due to the postponement of last year's final examinations, normally held in June, till September and because of the delayed results of some students.

The above figures are not final. Nevertheless they indicate that student enrollment for this year shall exceed the 4,000 ceiling dictated by existing financial resources and capacity of physical facilities.

Ad Hoc Commission on Student Participation Spells out Guiding Principles

In its preliminary deliberations the 14-man Ad Hoc Senate Commission on Student Participation meeting under the Chairmanship of Professor Joseph Asmar considered the most efficient ways and means of arriving at the recommendations to be forwarded to the Senate concerning participation of students in University life.

In the course of these deliberations the Commission established the following:

1. Unanimous agreement on the statement issued by the Board of Trustees on the purpose of the University. The pertinent portion of the Board statement is as follows:

"AUB is a private, non-profit, educational institution. It does not engage in politics or the promotion of any particular religion. It is an honored guest of the Republic of Lebanon, subject to its laws and enjoying its protection. With appreciation for the favorable environment which has been maintained since its founding more than one hundred years ago, the Trustees are firmly determined to continue the University in Lebanon. The Board is resolved that the University will continue its growth in quality and its service to the area. The Board invites the constructive participation of all parts of the University. AUB is not an arena for action but a forum for discussion where the rights of minorities and the rights of the majority are equally respected."

2. Unanimous expression of conviction that student participation, where appropriate, is necessary and desirable.

3. Unanimous agreement that, according to its terms of reference, the Ad Hoc Commission is a temporary study group appointed to ascertain, and make recommendations on, the areas and extent of student participation in university affairs.

The Commission which consists of five students, five Faculty members, two alumni and two representatives from the Administration, hopes that this clarification of its guiding principles will gain it the full cooperation of all members of the University Community in the discharge of its responsibilities.



campus diary

SATURDAY, October 23

8:00-12:00 p.m.: ENGINEERING STUDENT SOCIETY — ACQUAINTANCE PARTY — Engineering School Terrace. By Invitation.

FRIDAY, October 29

6:30-8:30 p.m.: AGGI STUDENT SOCIETY — RECEPTION — West Hall — Common Food. By Invitation.

SATURDAY, October 30

8:00-12:00 p.m.: NEW MEN'S DORM. — ACQUAINTANCE PARTY — Mary Dodge Hall. By Invitation.

MONDAY, October 25

8:30 p.m.: ORGAN AND TRUMPET CONCERT, by Wolfgang Karins and Nasim Maalouf (curtesy of the Jeunesses Musicales du Liban) Assembly Hall — AUB. By Invitation.

TUESDAY, October 26

8:30 p.m.: PIANO RECITAL by François-Joel Thiollier — Assembly Hall — AUB. Tickets: L.L. 15, 10, and 7.

AUB Librarians' News

Miss Lilian Vitale, Science and Agriculture Librarian, represented AUB at the General 37th Council Meeting of the International Federation of Library Associations in Liverpool in September

✱

Mr Francis Kent, University Librarian, attended the Unesco Seminar on Recent Developments in Advanced Librarianship in Liverpool in August, and presented a paper on "Technological Advances and the Library Building," having special reference to conditions in developing countries.

The Minister of Public Works and Transport, and AUB Engineering faculty member, returned to the AUB Monday October 18th to open a two-week Seminar on "Modern Developments in Mechanical Engineering Services for Buildings."

Over 30 people from Lebanon, Syria, Jordan, Kuwait, Turkey, Iran, and Cyprus were present at the opening of the Seminar. Among the distinguished guests were the British Ambassador and Senior members of the British Embassy in Beirut, Cyprus Minister of Public Works and Transport, and the President of the Lebanese Order of Engineers and Architects.

The Seminar which is being conducted by the Faculty of Engineering and Architecture of the AUB, in association with the British Building Research Station, is the 6th of a series of seminars the purpose of which is to provide a continuing education for Engineers and Architects in the Middle East.

M.E. Engagement Calendars

The 1972 Middle East engagement calendars are now available. Proceeds from sales will be used by the Women's Auxiliary of the American University Hospital to assist needy patients.

Available for 6 L.L. each at Office of Development, College Hall.

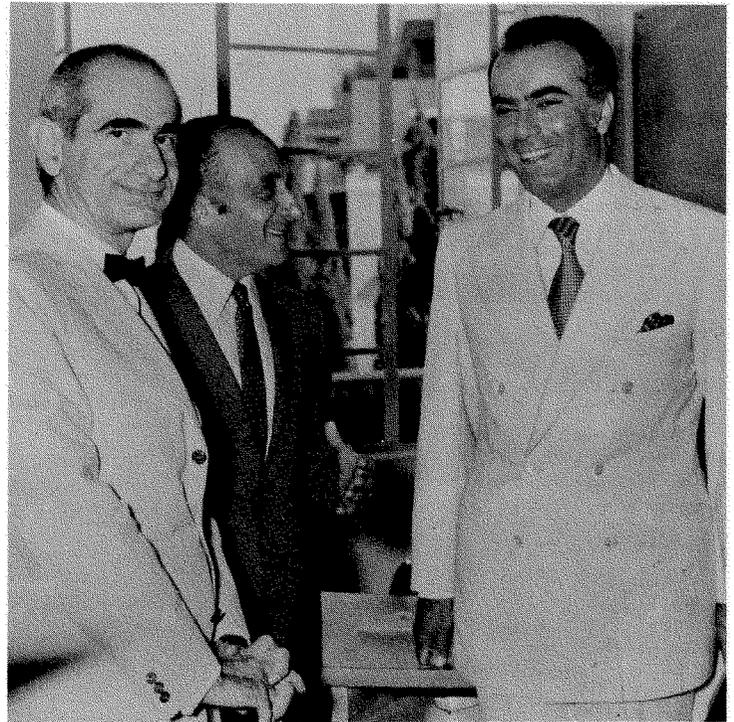
✱

Mrs Nancy Assaf, Assistant University Librarian, Technical Services, visited libraries in England and the United States during the summer in the course of a combined vacation and study tour.

✱

Former AUB Medical Librarian, Miss Louise Arriens, has been appointed to the Committee on International Cooperation of the Medical Library Association in Chicago, U.S.A., for the term 1971/1972. Miss Ariens had been serving the AUB Medical Library for 9 years, and she visited medical libraries in several Middle Eastern and European countries, the U.S.A. and Canada.

Minister of Public works and Transport Returns to Campus to open Seminar



His Excellency K. Khuri talking to provost Tabet and Dean Ghosn



In August 1971 Prof. Aftim Acra (centre) presented two Service Awards to Messrs Hassan Hamzi, 20-years Emblem, (3rd from left), and Michel Haddad, 10-years Emblem, (5th from right).

After the presentation, a ceremony was held in the Department of Environmental Health in the presence of Department members.

AUB Bulletin

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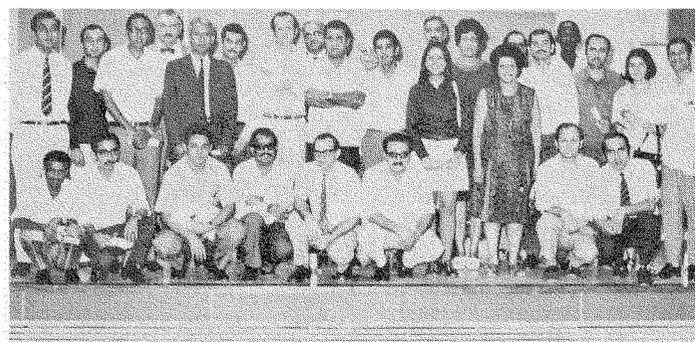
News intended for Thursday publication should be left, typed if possible, in the Department of Information by 10 a.m. Monday. The BULLETIN reserves the right to edit news items and to omit them entirely if unsigned. For all communication with the Bulletin please call extensions 2201 or 2478.

Editor: Hilmi Malouf, Managing Editor: Alexandros Vikis

AUB's Summer Special Program a Success. More Programs to be offered in Summer '72

AUB's Summer Special Programs offered under the auspices of the Division of Extension and Special Programs were run successfully, unaffected by the May-June student strike, Dr L. Cajoleas, Director of Special Programs said.

Eight courses were offered during the Summer of 1971, attended by people from various countries of the area. The programs offered were:



1971 FOOD AND NUTRITION TRAINING COURSE CLOSES AT AUB — Delegates to the 1971 Food and Nutrition Training Course co-sponsored by FAO-WHO-UNICEF and the American University of Beirut pose for a final picture before the conference's closing session at the American University Medical Center. Participants from 16 Middle Eastern countries received their training certificates after an intensive six-week course which included not only lectures and classroom discussion but also visits to food processing plants and other food handling and preparation facilities. Project Co-Managers Dr Gonzalo Donoso of UNICEF and R. Samir Miladi of FAO stated that the conference's purpose was to train planners, especially for the Ministries of Agriculture, Health and Planning, so that they might acquire the basic knowledge of economics, agriculture food and human nutrition which permits the communication indispensable for developing a food and nutrition policy. By conference end the delegates had discovered that they had many problems in common and much to learn from each other.

New Collective Labour Contract Signed

AUB announced on September 14, 1971 a new Collective Labor Contract with its Workers and Staffs Syndicate which aims at providing more benefits and securities to the workers and staff and at the same time help to level down the gap between the higher and lower grades.

The new agreement that was signed on the 13th of September provides for the following:

1. A raise in the scales from XII to I in a reverse progressive manner, i.e., to give higher raise to the lower grades.
2. Consultations with the Syndicate in case of need for an action that would result in a sudden and substantial displacement of personnel to arrive at a method of accomplishing the reduction of personnel in a mutually acceptable fashion.
3. The application on a university-wide basis of the policy of promotion and filling vacancies from within.
4. The continuation of the AUB policy of giving preference to the employment of applicants who are citizens of Lebanon.
5. The provision of training programs for the personnel in order to meet present and future needs from within.
6. The grant of an additional half-month salary for any full year following twenty years of actual service.
7. Members in salary grades XII through I shall be eligible to receive an automatic annual increase of 30 per cent of the actual basic salary effective July 1, each year.
8. The university shall also request its supervisors annually to recommend for merit increase consideration to a number ranging from 6 per cent to 25 per cent of the total academic work force in salary grades XII through I from among those rated by their supervisors as outstanding.

Photograph shows, from left: Mr Farid Fuleihan, AUB Director of Personnel; Mr Seif al-Deen Karam, Secretary of the AUB Workers and Staff Syndicate; Mr John Saba, President of the Syndicate; Mr Rida Kibreet, its Vice-President, and AUB President Samuel B. Kirkwood.

1. Secondary School Institute: Teaching of Biology.
2. Secondary School Institute: Teaching of General Sciences.
3. Secondary School Administrators Workshop.
4. Regional Food and Nutrition.
5. Library Institute on Periodical Materials and Services.
6. Agriculture Extension: Methods and Supervision.
7. Management Development Program.
8. Colloquium on Higher Education for University Administrators.

The purpose of the Program is to give the participants self-confidence, skill and knowledge in their fields of specialization, Dr Cajoleas said.

The "Secondary School Institute: Teaching of General Sciences" was planned to meet the needs of general science teachers.

The "Secondary School Institute: Teaching of Biology" course included lectures, laboratory work and field trips. The course was planned for Secondary School Biology Teachers.

The "Secondary School Administration Workshop" course was offered to secondary school teachers. The course emphasized processes of decision making and it dealt with a variety of administrative functions.

The "Regional Food and Nutrition" program was sponsored jointly by UNICEF/FAO/WHO/AUB. It was designed to provide training in nutrition for high level government employees of Ministries of Health, Agriculture, and Planning.

The "Library Institute on Periodical Materials and Services" course was concerned with all aspects of library work with periodicals. Field trips included visits to a local newspaper firm, bindery, publisher, as well as key libraries in Beirut.

The "Agriculture Extension: Methods and Supervision" course was offered to persons with experience in administration and supervision, agricultural planning and related fields.

The "Management Development" program dealt with problems relating to areas of Finance, Control, Information Flow, Marketing and Personnel.

The Colloquium on Higher Education for University Administrators had as its theme the planning of University Education. It dealt with questions of selection and admission of students, guidance and counseling, curricula, evaluation, etc.

As Dr Cajoleas explained the programs must be financially self-supported. So fees must be charged for the expenses involved. As some of the programs are offered by sponsors the expenses involved are met by these sponsors. Thus Regional Food and Nutrition was sponsored jointly by UNICEF/FAO/WHO/AUB. Three programs, the Secondary School Institutes, were sponsored by AID.

Although the other four programs had no one single sponsor, most of the participants were sponsored by AID, oil companies and other organizations.

The number of the people attending the Special Programs is rather small, Dr Cajoleas explained. The course in Food and Nutrition had the highest number of participants, 30, and that in Agriculture Extension the lowest.

Asked of the future of these programs in view of the budgetary problems the AUB is facing, Dr Cajoleas said that in principle the same programs, with a different subject matter, will be offered during the Summer of 1972, with the possible addition of one or two more programs.

1. "Secondary School Institute: Teaching of General Sciences." *Coordinators:* Dr Wadih Haddad and Dr Yakub Namek. *Duration:* July 6-August 13. *Fee:* \$350.
2. "Secondary School Institute: Teaching of Biology." *Coordinator:* Dr Victor Billeh. *Duration:* July 6-August 13. *Fee:* \$350.
3. Secondary School Administrators Workshop. *Coordinator:* Dr Nathir Sara. *Duration:* July 6-August 12. *Fee:* \$350.
4. Regional Food and Nutrition. *Coordinator:* Dr Gonzalo Donoso. *Duration:* July 16-August 27. *By Invitation.*
5. Library Institute on Periodical Materials and Services. *Coordinator:* Mr Ritchie Thomas. *Duration:* July 6-July 30. *Fee:* 345 L.L.
6. Agriculture Extension: Methods and Supervision. *Coordinator:* Dr Fawzi al-Hajj. *Duration:* July 5-31. *Fee:* \$500.
7. Management Development. *Coordinator:* Dr Nabil Sha'ath. *Duration:* July 5-24. *Fee:* \$600.
8. Colloquium on Higher Education for University Administrators. *Coordinator:* Dr Matta Akrawi. *Duration:* July 21-August 4. *By Invitation.*

New Faculty Appointments

Dr Mustafa T. Chahine, originally from Beirut, Lebanon, has joined AUB, Faculty of Engineering and Architecture, Department of Mechanical Engineering.

Dr Chahine earned the B.S., Aeronautical Engineering, at the University of Washington, Seattle, Washington, in 1956. In 1957 he earned the M.S., also in Aeronautical Engineering, at the same university. From 1958 to 1960 he studied at the University of California, Berkeley, California, where he earned the Ph.D. in Mechanical Engineering.

While working on his Ph.D. Program Dr Chahine served as an Associate in Mechanical Engineering at the University of California. From 1960 to 1970 he served in the California Institute of Technology, Jet Propulsion Laboratory, Pasadena, California, as a research scientist (1960-1967), member of the technical staff (1960-1970), and as a staff scientist from 1970 to 1971.

Since 1968 Dr Chahine has been a member of the National Aeronautics and Space Administration Earth Resources Planning Panel NASA Headquarters, Washington D.C. During 1969-1970, while on a year's sabbatical leave, he served as a visiting scientist at the De-



partment of Metereology, Massachusetts Institute of Technology, Cambridge, Mass.

It was in 1968 that Dr Chahine became interested in the radiative aspect of the theory of transfer. His work in obtaining a unique inverse solution of the full radiative transfer equation has led to the discovery of a general technique for the determination of the composition and thermal structures of atmospheres from their radiation fields. For his work on this problem Dr Chahine was awarded the NASA "Medal for Exceptional Scientific Achievement" for the year 1969.

Dr Chahine, 36, is married. Dr and Mrs Chahine have one child, Tawfik.

Gaseous Ionization and Plasma Electronics," (1971), and of numerous technical articles in a number of professional journals.

Dr Nasser is a member of the Sigma Xi Fraternity, a member of the American Physical Society, and a senior member of the IEEE.

Dr Nasser, 40, is married. Dr and Mrs Nasser have 2 children, Natya, 6, and Mona, 4.

Dr Henry Webb Johnstone, Jr has joined AUB, Faculty of Arts and Sciences, Department of Philosophy.

Dr Johnstone, from Mont Clair, N.J., U.S.A., earned the S.B., Philosophy, at Havenford College, in 1942. He carried out his post-graduate studies at Harvard University, earning the A.M., Philosophy, in 1947, and the Ph.D., Philosophy, in 1950.

Dr Johnstone served as an instructor at Williams College, Williamstown, Mass., from 1948 to 1952. From 1952 to 1971 he served in the Penn State University, University Park, Pa., first as an instructor (1952-1953), and subsequently as an Assistant Professor (1953-1956), Associate Professor (1956-1961) and Professor (1961-1971).

Dr Johnstone's research interests are in Philosophical Argumentation and in the Nature of Time.

Dr Johnstone, 51, is married. The Johnstones have 3 children, Barbara C., 19, Anne C., 18, and Henry W. III, 15.

Dr Gil Anderson, from San Francisco, California, USA, has joined AUB, Faculty of Arts and Sciences, Department of Political Studies and Public Administration.

Dr Anderson did his undergraduate work at the University of California (Berkeley) in Political Science, earning the B.A. in 1959. He earned the M.A., Political Science and Public Administration at the same university, in 1961; and in 1970 he earned the Ph.D., P.S.P.A., also at the University of California (Berkeley).

After earning the M.A. Dr Anderson joined the Peace Corps and taught for two years at the Institute of Administration, N.N.S.-T.C., in Zaria, Nigeria. From 1967 to 1968 he served as Assistant Professor in the University of Guam, Agana, Guam. And from 1969 to 1971 he served as Assistant Professor in San Fernando Valley State, Northridge, California.

Dr Anderson has carried on research in Administrative obligation and in Administration and Development. He is the co-editor of "Comparative Local Politics: A System-Function Approach."

Dr. Anderson, 34, is a bachelor.

Dr John Alan Seeger has joined the AUB, Faculty of Engineering and Architecture, Department of Electrical Engineering.

Dr Seeger did his undergraduate work at Pomona College, Claremont, California, earning the B.A., Physics, in 1956. In 1958 he earned the M.S., Electrical Engineering, at the University of California, Berkeley, California. Upon successfully completing his doctorate program in Electrical Engineering he earned the Ph.D. in 1966 at Ohio State University, Columbus, Ohio.

Prior to his joining the AUB, Dr Seeger had served for 5 years as Assistant Professor at the University of California, School of Engineering and Applied Science. From 1962 to 1966 he served as

AUB Prof. Joins Virginia Tech.

Abdur-Rahman Saghir, associate professor of agronomy at the American University of Beirut, has gone to Virginia Tech to spend his sabbatical leave as a visiting professor in the department of Plant Pathology and Physiology.

While there Dr Saghir will conduct research on the plant parasite Orobancha, commonly known as broomrape. (The parasite, a problem in most semi-arid regions of the world, attacks tomatoes, tobacco, sunflowers and peppers, along with certain legumes and other crops.)

Dr Saghir is interested in finding which herbicides are effective on the parasite without harming the host plant. He also plans to do work on the effects of herbicides on crop quality, both from the standpoint of nutritional quality and marketability.

Public Lectures

The Faculty of Engineering and Architecture invites the public to two public lectures scheduled during the two-week course on "Modern Developments in Mechanical Engineering Services for Buildings," which is being conducted in association with the British Building Research Station for the practicing engineers and architects in the area. These are:

1. NOISE AND ITS CONTROL IN URBAN DESIGN at 18:30 hours on Thursday, 21 October
2. WIND EFFECTS DUE TO GROUPS OF BUILDINGS at 18:30 hours on Tuesday, 26 October.

They will include film and slide showing and will be given by Mr. A.F.E. Wise, Head of the Environmental Design and Engineering Division of the BRS.

Place: Bechtel Engineering Building.

CHEMISTRY SEMINAR

The Department of Chemistry will organize two seminars to take place during the week of October 25th.

Dr John Beetlestone, Professor of Chemistry, University of Ibadan, Nigeria will lecture on *Some Recent Developments in Hemoglobin Chemistry* on Monday October 25th, 5:00 p.m., Room 101 Chemistry Bldg.

Dr Harry H. Sisler, Executive Vice-President of the University of Florida, Gainesville, Florida will lecture on *Recent Research in Nitrogen-Phosphorus Chemistry* on Wednesday October 27th, 5:00 p.m., Room 101 Chemistry Bldg.

an instructor of Ohio State University, Department of Electrical Engineering.

Dr Seeger is a member of the Institute of Electronic Engineers, and also of the IEEE Prof. Group on Electron Devices. He is also a member of the Sigma Xi.



Dr Saghir obtained his bachelor's and master's degrees from the American University of Beirut and his doctor's degree in plant physiology from the University of California, Davis. He has taught classes in weed science, plant physiology and agronomy at the American University of Beirut since 1964.



Dr Essam Nasser, originally from Cairo, Egypt, has joined the AUB, Faculty of Engineering and Architecture, Department of Electrical Engineering.

Dr Nasser earned the B.E.E. at Cairo University in 1952. He continued his studies at Technische Universität, W. Berlin, where he earned the Dipl. Ing. in 1955, and in 1958 the Dr. Ing.

Dr Nasser served at the University of California, Berkeley, Cal., as a Research Physicist. From 1963 to 1964 he served at the University of Detroit, Detroit, Michigan, as Associate Professor. And from 1964 until his joining AUB he served in Iowa State University, Ames, Iowa, as an Associate and later as a Full Professor. He taught courses in Electromagnetic Fields, Electromechanical Energy Conversion, Power System Eng., etc.

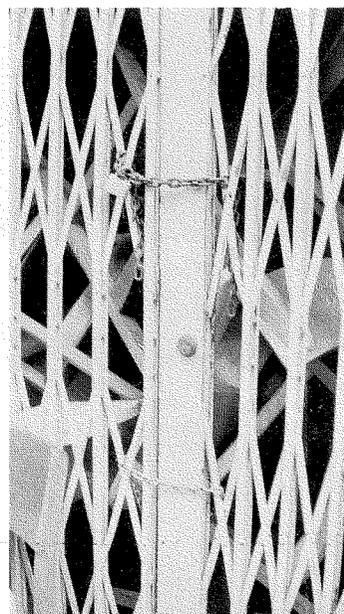
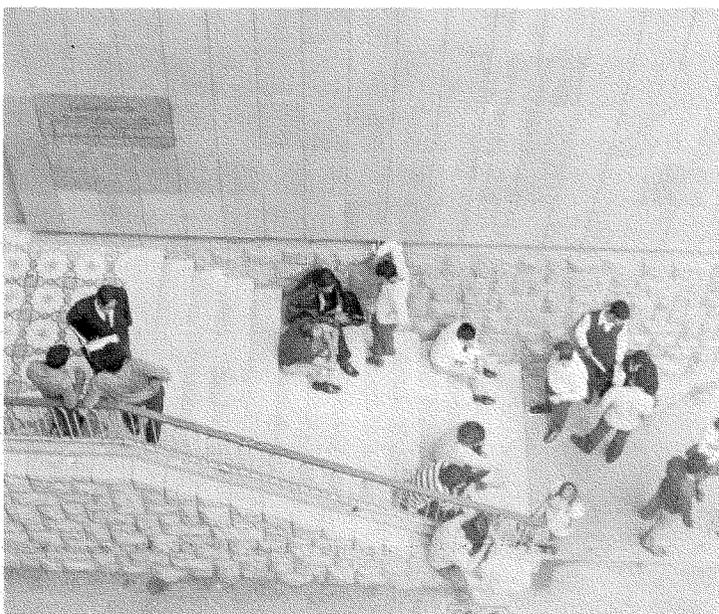
Dr Nasser is the author of a book titled "Fundamentals of

American University of Beirut bulletin

VOLUME XV, No. 3

THURSDAY, OCTOBER 28, 1971

Former Student Council Calls for Open Strike Nicely Hall is Barricaded and Classes are disrupted



Strike leaders of the former Student Council called a strike beginning at 8 a.m., October 25. Entrance to Nicely Hall was blocked and the "Voice of The Students," already familiar from the May-June strike, announced from loudspeakers in barricaded Nicely Hall the beginning of an "open strike until all those suspended are admitted to the University."

Students expecting to attend classes in Nicely Hall were prevented from meeting regular class sessions, but the other parts of the campus were in normal operation.

Bulletins were issued by both the "Striking Seven" in the name of the former Student Council and by the Lebanese Student League. The Lebanese League bulletin called the strike leaders a "troublemaking minority" and said that the rights of the majority will be protected "only when we stand firmly together in opposition to such tyranny." The "Voice of the Students" bulletin asked the students to be ready "to resume the struggle at a moment's notice" so that

"freedom and democracy are re-instituted on campus."

The Office of Information has also issued two bulletins. According to one administration bulletin, President Samuel B. Kirkwood last week met with ten suspended students who requested permission to register for the Fall Semester. The meeting took place in the presence of the Dean of Students, Robert Najemy. Students were asked if they would conduct themselves in accord with University regulations or not. In view of their present attitude toward the University, the President has lifted the suspension for three of the ten who had petitioned to register at AUB this fall. The other seven appeals will remain under review for consideration prior to the beginning of the second semester. It must be noted that the petitions of ten of the suspended students were received only five days before the beginning of the semester. Two students subsequently petitioned for readmission. The decision to re-admit the suspended students is based on evidence of a willingness

to abide by University regulations.

A general meeting of students was scheduled for 11 a.m. Monday by the strike leaders but it was later cancelled. At noon several speakers expressed their views at Speakers' Corner, some denouncing the strike and some calling for student solidarity and a continuation of the strike until "all 19 suspended students are re-admitted."

One of the main themes heard, expressing the view of the Lebanese Student League, was that a referendum should be held for students to be able to say freely whether they supported the strike or not. Speakers for and against the strike were booed and interrupted continually.

Students operating the loudspeaker were asked to cease operation or to be subject to disciplinary action. Seven students have asked to appear before the University Disciplinary Committee on Tuesday (October 26) for violation of the University regulations during the strike.

The University Senate met Monday evening to discuss the strike.

Esso Jersey announces 340,000 in new grants to AUB

Mr. Bryan C. Jones, General Manager of Esso in Beirut, announced today, Oct. 25, \$340,000 in new grants to AUB. \$90,000 of the \$340 represents Jersey's annual unrestricted grant to the University. The remaining \$250,000 represents a payment on Jersey's special million dollar pledge to AUB. In 1969 Jersey pledged to give up to one million dollars in matching funds to AUB's Centennial Fund Campaign, depending on new contributions to the University from other members of the oil industry. With its recent \$250,000 gift, Jersey has paid a total of \$736,000 toward this pledge.

In announcing these grants, Mr. Jones said: "Once again, Jersey is pleased to be able to provide additional financial support to the American University of Beirut. We believe the University is making an important contribution to Lebanon and the Middle East through its academic programs. With our support, we are cooperating with the University in serving this important region of the world by assuring the best of an American type education to the Arab people. It is our hope that other companies and individuals here in the Middle East will join with us in providing financial support to AUB at this important time in its history and in the history of the region it serves."

Registration Figures

Student registration figures at the AUB Registration Department were on Wednesday, October 20 as follows:

A & S	2530
Medicine	262
Pharmacy	129
Nursing	169
Public Health	65
Engineering	579
Agriculture	276
Orientation	95
TOTAL	4105



campus diary

1971 Area Lecture Series.
November 3, 1971 The Near
East—Land, People, Religions.
Lecturer: Prof. William Ward.

WEDNESDAY, November 3
8:30 p.m. CONCERT by DO-
NALD SWANN and HIS
FRIENDS (Vocal Quintet)
Assembly Hall — AUB.
Tickets: LL. 9, 6 and 3.

FRIDAY, November 5
8:30 p.m. PIANO RECITAL by
ANNIE D'ARCO Assembly
Hall — AUB. Tickets: LL.
10, 5 and 3.

SATURDAY, November 6
8:00-12:00 p.m. SOUTH AMER-
ICAN STUDENT GROUP —
BALL West Hall — Common
Room. By Tickets (LL. 7).

Opening Service of University Chapel On Oct. 31

Services will be held at the Uni-
versity Chapel on Sundays at 9:30
a.m. throughout the academic year,
and will be conducted by the Uni-
versity Chaplain, Rev. Robert C.
Walker, Jr.

The opening Service for 1971-
1972 will be held on Sunday Oc-
tober 31, 1971, at 9:30 a.m.

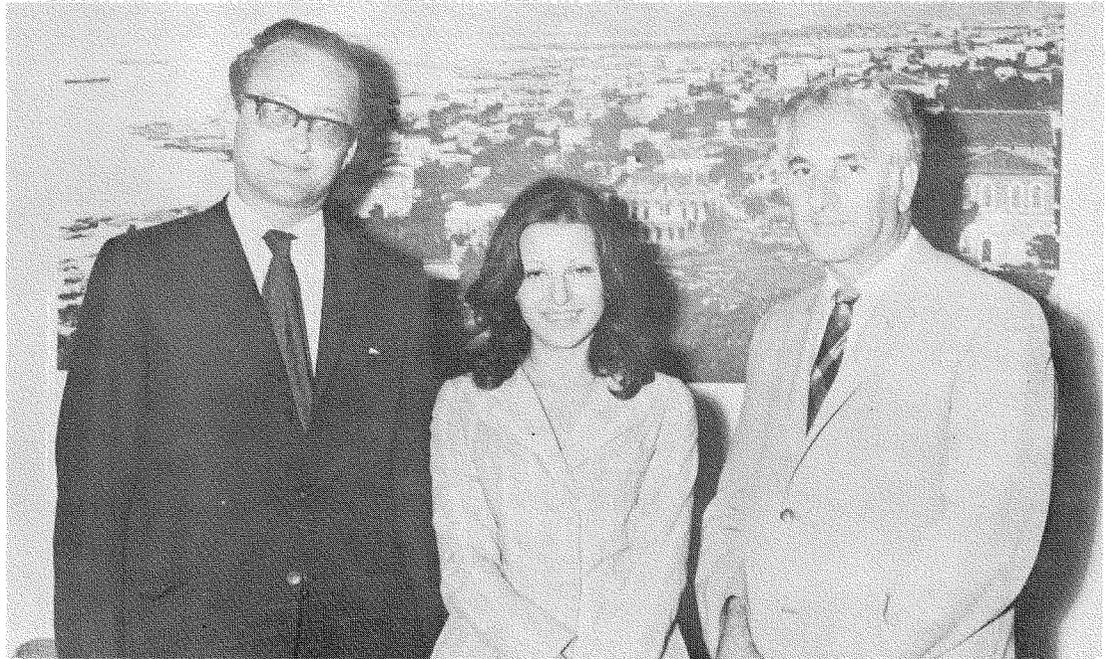
Services will be followed by a
discussion and coffee hour at the
Faculty Lounge, Ada Dodge Hall.

New Syndicate Council re-elected

The Council of the AUB Staff
and Workers Syndicate was
re-elected on Friday October 22,
1971.

The election took place under
the supervision of officials from
the Ministry of Social Affairs and
according to the new labor law
which stipulates that councils of
syndicates shall be elected by se-
cret ballot for a term of four years
and that every two years the term
of half the members comes to an
end and election takes place to
either replace them or re-elect
them.

Procter and Gamble Scholarship awarded to Samya Samara



The Procter and Gamble full cost
scholarship in Business Adminis-
tration at the American University
of Beirut, was awarded this year
to Miss Samya Samara. Miss Sa-
mara was recommended by her de-
partment as an excellent Business
Administration Major.

Mr. T.W. Pierce, from the Ge-

neva Office, presented the schol-
arship award to Vice President,
George Hakim on October 12th.

The Procter and Gamble Business
Administration Scholarship was es-
tablished in 1968 as a means of
encouraging brilliant students ma-
joring in this important field of
study and as a participation in the

AUB Full Cost Scholarship Pro-
gram which aims at providing ad-
ditional funds to cover the sup-
port cost of education, taking into
consideration that tuition covers
less than 18% of what the educa-
tion of a student actually costs.

Photo: Mr. Peirce (left), Miss
Samara and Dean Najemy.



Service Awards: The Board of the American University Hospital of Beirut celebrated in August the decoration of members of its staff with emblems marking their years of service at the hospital, ranging from 10 to 40. The total years marked at the hospital amounted to 755. The head of each Section decorated members of his Department. Picture shows the decorated members of the Staff during a reception held on the occasion at the hospital.

AUB Bulletin

The AUB BULLETIN is the official news bulletin of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during the University holidays by the Office of Information, College Hall 306.

News intended for Thursday publication should be left, typed if possible, in the Department of Information by 10 a.m. Monday. The BULLETIN reserves the right to edit news items and to omit them entirely if unsigned. For all communication with the Bulletin please call extension 2477.

Editor : Hilmi Malouf, Reporter : Alexandros Vikis

The Lebanese Press on AUB

Several Lebanese papers dealt with the situation in AUB resulting from the demands of the so-called "Student Council" that all students suspended as a result of the May-June strike be re-admitted to the University.

Lissan El-Hal (October 21) quoted one of the suspended students as saying that President Kirkwood made a condition that the students should give a guarantee about their behaviour if their case was to be reconsidered.

An-Nabar (October 25) said that Lebanese government officials at all levels are happy about the way in which President Kirkwood is handling student affairs.

On the following day, October 26, *Al-Jarida* published an exclusive report which charged that Prime Minister Saeb Salam had a clash with President Kirkwood over the phone. Following the clash the Prime Minister got in touch with the American Ambassador and, according to the paper, expressed to him his dissatisfaction with President Kirkwood's attitude.

The report continued to say that the Prime Minister requested the American Ambassador to ask the American government to withdraw the President and replace him with somebody else.

But *Lissan El-Hal*, also on October 26, reported that when Prime Minister Salam was asked about the truth of that report, he answered: "This report has absolutely no foundation, it is a silly lie."

Administrative News

Hospital Incinerator: The physical plant department was directed to prepare plans for controlling the soot and smoke produced by the Hospital incinerator, as to remove its pollutionary effect on the surrounding area.

Deficit in the Cafeteria Budget: It was announced that the main AUB Cafeteria suffered a deficit of \$32,000 in 1970-1971, including a deficit of some \$1,000 in the budget of the Faculty Dining Room.

Why the Excavations?: The excavations going on now north of the tennis courts aim at tracing water leakage in the water distribution system.

UCC Seminars

The University Christian Center is offering five Free University type seminars. Desk Two Seminars are open to all college and university students as well as to members of the AUB academic community.

The Seminars will run for twelve weeks, beginning the week of October 24. The schedule of meeting dates and times will be set by the seminar leader and students. The registration fee for each seminar is LL.5.

The seminars offered are:
All the World's a/STAGE/SCREEN / PEEP-SHOW / NONE OF THESE/ or What is Theater Anyway. Leaders: Allen Hovey and Michael Mills.

THE TWIN DESPERADOS — Heresy and Orthodox

THE STUDENT MOVEMENT — An Analytical Study.

PHOTOGRAPHIC PRINTING — A Workshop Seminar.

PALESTINE — A Political Study.

Mini Gallery opens in College Hall

The mini gallery that was opened last week on the third floor of College Hall is the first in a series of exhibitions sponsored by the Department of Fine and Performing Arts.

The purpose of these exhibitions is to provide an opportunity for the AUB community to enjoy works of art recently donated by artists of the Middle East for the University's permanent collection and works of art on loan to the University.

Chapel Choir organized

A Chapel Choir, under the direction of Mr. Thomas Weaver, is in the process of being organized. For those interested in joining, a preliminary meeting will be held immediately after Chapel Service on Sunday October 31, 1971.

Faculty Cars on Campus

Effective Monday November 1, 1971 vehicles belonging to Faculty and Staff will not be permitted to enter the campus unless the new 1971-1972 Parking Sticker is properly displayed and affixed on the lower right hand side of the windshield.

Temporary Car Permits to the AUB Campus (Yellow Cards) that are issued to vendors, contractors and visitors etc., may not be used by Faculty and Staff to enter the Campus.

Meeting the Needs of the Immediate Community -- AUB's Evening Courses and Special Programs

The Evening Courses and Special Programs offered by AUB each semester are designed to help people from within the AUB community as well as from outside, Dr. L. Cajoleas, Director of the Division of Extension and Special Programs, explained.

Each program offered is especially designed to meet the needs of the immediate community. Some courses have in fact been organized at the request of individuals or groups of potential participants. As a result these programs not only provide opportunities for adults to enhance personal growth through further study, but they also contribute towards the professional development of the participants.

The participants of these programs come from all walks of life, Dr. Cajoleas explained. As professor A. Hovey who is giving the course "Ten Composers Of Our Time" put it, "I have a few AUB graduates, a few AUB students, and a few others from outside." Eighteen people have in fact registered for the course, a number which makes it one of the most popular of the evening courses.

Each one of the programs offered must be financially self-supported, Dr. Cajoleas explained. As a result

a fee is charged for participation; the lowest fee is 50 LL., for the course in "Modern Mathematics for Parents," and the highest fee is 375 LL., for the course "University English."

The instructors giving the courses are recruited from within the AUB academic staff and also from outside AUB.

Some of the programs offered, like "Essentials of Business," lead to a certificate, while others, like the "Special Courses," are full time and of short duration, they lead to no certificate, and they are designed particularly for professional people.

Most of the programs offered attract Arabic speaking people as well as Americans and Europeans. Some courses like those is "Arabic Music," "Colloquial Arabic" and "The Fundamentals of Islam and the Challenges of modern times" tend to attract mostly Americans and Europeans.

In general all courses have a mixed participation; Arabic and non-Arabic speaking people attend; graduates, undergraduates and people without degrees; all join together for the purpose of increasing their knowledge and of continuing their professional development.

"Ten Composers": Music and Globalism

The following are extracts of an interview with Professor A. Hovey who is giving the evening course "Ten Composers Of Our Time."

The course is a Western Civilization Music Course. But perhaps next semester I shall be able to give a course on the influences of Western music on Easter music and vice versa...

In the course I shall try to give the participants an idea of what music is in our time. I shall try to do this by examining the work of contemporary composers from 5 different countries—France, Italy, Germany, Britain, and the U.S.A. By the end of the course I hope to be able to cover all the important elements of contemporary music. I shall also try to show the trends of contemporary music so as to give an idea of what future music is going to be... I hope to be able to show that a global music is now replacing the national music that prevailed until only a couple of decades ago... as a result of modern technology European pop music has become

global. This process has been going on for the last fifty years; national music is becoming global music... The Beatles, Bob Dylan, and others, have shown that modern technology is breaking down the national boundaries that divide the world. This is an indication that the world is becoming one nation...

There is a global music evolving; this evolution will continue in the future; and this globalization of music will not be as isolated phenomenon; political and economic organizations will become more global rather than regional... The world is shrinking, it is becoming smaller; mankind is becoming one family...

I shall include ten different composers in the course, coming from five different countries. I shall try to show that although these composers were born in different countries their music reflects clearly identifiable global elements. Stravinsky is a good example of this—he was Russian who lived in France and died in the U.S.A. His music is neither Russian, nor French, nor American; it is a kind of global music...

New Faculty Appointments



The Rev. Robert C. Walker Jr. has joined AUB as University Chaplain and Lecturer in Cultural Studies.

Mr. Walker was born in Vicksburg, Mississippi, but has lived mostly in Texas. After finishing high school in Galveston he went to Southwestern University in Georgetown, Texas where he received a B.B.A. degree in 1957. He then went to Southern Methodist University in Dallas where he received a M.Th. degree in 1960. In 1970 he received his Master's degree in English from the University of Texas at Austin.

Between 1956 and 1962 Mr. Walker worked with various Methodist Churches. In 1963 he became Campus Minister at the University of Texas, and in 1956 he spent one year at Baylor University at Waco as Campus Minister. He then joined the Asia Study Fellowship and worked for three years with campus ministries in the Philippines, Japan, and India. In 1969 he returned to Texas Tech. University at Lubbock where he was Campus Minister and instructor in English and in Biblical literature. He left Texas Tech this October to come to AUB.

While at Southwestern University, Mr. Walker met Carol Cavness, and they were married in 1956. Mrs. Walker holds a B.A. degree from Southwestern University, and an M.A. degree from Texas Tech University. The Walkers have four children; two girls and two boys. Mrs. Walker and the children will be coming to Beirut early next year.

Professor Jack James Hayden has joined AUB, Faculty of Arts and Sciences.

Prof. Hayden, from Nebraska, U.S.A., did his undergraduate work at the University of Nebraska, earning the B.S., Business Administration, in 1951. In 1956 he earned the B.S., Foreign Trade, at Thunderbird Graduate School of International Management. He continued his studies at New York University, where in 1960 he

earned the Ph.D., Finance, at Northwestern University.

Upon receiving the M.B.A. Prof. Hayden started working with Goodbody and Co., at Fort Worth, Texas, as a state broker, registered representative of New York Stock Exchange.

From 1961 to 1962 he taught as an instructor at Arlington State University, Arlington, Texas. From 1962 to 1963 he served at the University of Mississippi, Oxford, Miss., as Assistant Professor. And from 1965 to 1971 he served at the Indiana University, Bloomington, Ind., as Assistant Professor, 1965-1969, and as Associate Professor, 1969-1971.

Prof. Hayden is the author of a book titled "What Makes You a Winner or Loser in the Stock and Commodity Markets?" (Investors Intelligence, 1967.) His research interests are in Mathematical Models of Investor Behavior under Uncertainty.

Professor Hayden, 43, is married and has three children, Vicki Lorraine, 10, Rhett Garrel, 13, and Lee Anders, 17.

Professor Jacobus Willem Letterie, from 'S-Gravenhage, Netherlands, has joined the Faculty of Arts and Sciences, Department of P.S.P.A.

Prof. Letterie graduated in Political Science and Economics at the University of Amsterdam. From 1967 to 1968 he studied at the Bologna Center in Italy where he earned the Diploma of International Studies. In 1971 he earned the Ph.D. in Political Science at the University of North Carolina, Chapel Hill, N.C.

His research interests focus on the construction of a framework for the analysis of conflict. He is also interested in decision making in national and international politics, (elite studies and civil-military security affairs). He spent a year working on a project concerning the effects of cognitive variation on the behavior of small groups.

Prof. Letterie, 33, is married.

Professor John Carl Moracco, from Geneva, N. York, has joined AUB, Faculty of Arts and Sciences, Department of Education.

Prof. Moracco earned his B.S., Education, at the State University of New York in 1960. From 1960 to 1968 he taught at the City School, District Rochester, New York. From 1968 to 1969 he carried out graduate work at the Arizona State University where he earned his M.A. in Counseling in

1969. From 1969 to 1971 he served as a Counselor at the University of Iowa, Iowa City, while working on his doctoral thesis. He earned the Ph.D., Counselor Education, in 1971.

His research interests are in effects of school environment on deviant subgroups of the school population and also on development of a counselor education program based on the behavior modification model.

Prof. Moracco, 33, is married. The Moraccos have three children, Kathryn Elisabeth, 9, Karen Lee, 7, and John George, 2.

Mr. Peter M. Manuelian, from New York, has joined the Faculty of Arts and Sciences, Department of English.

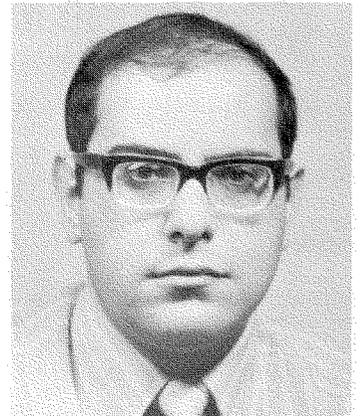
Mr. Manuelian did his undergraduate work in the Amherst College, and in 1965 he earned the B.A. in English. In 1967 he earned the M.A. (English) at Rutgers University.

After earning the M.A. Mr. Manuelian served for one year, from 1967 to 1968, at Tabriz University, Tabriz, Iran, as an Instructor. From Iran he went to Puerto Rico, at the Inter-American University, where he served as an assistant Professor in English from 1969 to 1970. From 1970 to 1971 he served as a P/T Lecturer at John Jay College, New York City, N.Y.

Mr. Manuelian, 28, is single.

Fasting and Working

The University has decided that Moslems who will be fasting during the month of Ramadan will be assigned a special schedule to enable them to go to their homes in time for their meals. Such employees and workers will be required to continue working the same number of hours but the scheduling of the hours will be changed by the Departments for those fasting during the month of Ramadan. Ramadan will begin on Wednesday, Oct. 20, 1971.



Dr. Anwar B. Bikhazi, from Beirut, Lebanon, has joined the School of Pharmacy, Faculties of Medical Sciences in the rank of Assistant Professor of Pharmacy.

Dr. Bikhazi graduated from AUB, School of Pharmacy, in 1965. In 1967 he earned his M.S. in pharmacy from the same school. After his graduation in 1967 he pursued his graduate work at the University of Michigan, Ann Arbor, where he successfully completed his doctorate programme and earned his Ph.D. in Physical Pharmacy in August 1970.

After his graduation at Michigan, he pursued a post-doctoral training programme at the same institution until August 1971.

Dr. Bikhazi's research interests are directed towards the understanding of the basic physico-chemical principles of drug transport and absorption. Moreover, his interests are also centered on the solubilization of drugs and the formulation of successful pharmaceutical preparations. He has presented papers and attended the subsequent conventions of the American Pharmaceutical Association since 1969. He has published papers in professional and scientific journals.

Dr. Bikhazi, 29, is a bachelor.



Miss Nadiva Tabbikha was awarded in September the ten-year Service Pin. In the photograph President Kirkwood is congratulating Miss Tabbikha at a reception held for the occasion.

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American University of Beirut bulletin

VOLUME XV, No. 4

THURSDAY, NOVEMBER 4, 1971

FOUR DAY STRIKE ENDS



The gloom of disorder ... (Broken chairs outside Fisk Hall).



... and the smiles of peace early morning classes in Nicely.

The Strike Reviewed

President Kirkwood's clarification of his open letter of Wednesday October 27 formed the basis of the strike settlement and the evacuation of AUB buildings about 11 p.m. Thursday night (see box p. 4).

The following is a chronological summary of the events of October 25 to October 28.

Monday, October 25

Strike leaders call for an open strike. Nicely Hall is occupied and "The Voice of the Student" announces from loud speakers in Nicely that the strike will continue "until all those suspended are readmitted to the University." Students are prevented from attending classes in Nicely, but the rest of the campus operates normally. Efforts by the Dean of Students Robert Najemy to persuade the striking students to permit free access to faculty and students to Nicely fail.

Bulletins are issued by the Le-

banese Students League against the strike, and others for the strike. The AUB Bulletin makes its appearance in an endeavor to check the spreading of inaccurate rumors by giving students and faculty an objective account of the events as they occur.

At Speakers' Corner pro and anti-strike speakers call for support, but students are in general apathetic.

The University Senate meets at 5 p.m. to discuss the strike, and the Disciplinary Committee is scheduled to meet Tuesday morning to consider the cases of seven students who violated University regulations during the strike earlier in the day.

Sixty five students sign a petition calling on the University to make it possible for them to attend classes.

Two bomb scares were received by the University during the day; measures were taken to prevent injury.

Direct cost of strike

Reaches 22,000 LL

Material damage caused by the strikers during the occupation of Nicely and Fisk Halls reached LL.6,391, according to figures obtained from a preliminary survey.

Nicely Hall suffered most. After the four-day occupation a heap of debris was left behind; 20 chairs and 11 doors were broken; a spirito electric duplicator worth of LL.945 is missing as well as 51 books worth LL.1,020. Rooms 306 and 403 were broken into and items worth LL.215 are missing from there. The damage caused in Nicely amounts to LL.4,550.

Fisk Hall, occupied only for one day, suffered less. The damage there is estimated to be LL.1,841. Ten chairs and 12 doors were broken. Chemicals are missing according to

one professor. Sulfuric acid and glacial acetic used in print making were also reported missing from the Fine Arts department. A Sanyo tape recorder and a cassette tape representing one year's research, is missing from the Education Department. A first aid kit, dissection sets and other objects are also missing.

Damage was caused to furniture in New Chemistry Building. Total damage in the 3 buildings is estimated to be LL.6,741.

Overtime paid to university personnel for a total of 6,570 hours reached LL.15,794.50.

Direct costs to the University total LL.22,035.50-- if the damage caused by the strike could be reduced to simple figures.

(Cont'd on p. 4)

Coming Events on Campus

TUESDAY, NOVEMBER 9

Cello and Piano Recital by Pedro Carostola and Luis Rego — Assembly Hall. Tickets LL. 10, 5, and 3.

NOVEMBER 10

The Near East — Cradle of Civilization. Lecturer: Helga Seeden. Place: Ada Dodge Faculty Lounge.

Choir rehearsals are scheduled in Room 108, Nicely Hall, for Mondays and Thursdays.

Female Voices at 6 p.m.
Male Voices at 7 p.m.

Symposium on Child Health

The Dept. of Pediatrics and the MCH Division of the Dept. of Community Health Practice at AUB have organized the Post-Graduate Symposium No. 13 on Child Health. The World Health Organization (WHO) and the United Nations International Children's Fund (UNICEF) helped substantially for the realization of the Symposium.

Thirty-two speakers, all AUB faculty members, will lecture by the end of the Symposium on topics ranging from Congenital Defects and Teratogenic Factors to Natality and Mortality Patterns of Infants and Children in the Middle East.

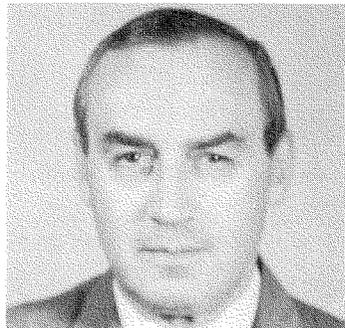
The Symposium which started Monday October 25 and will end Friday noon November 5, is being held at the American University Medical Center.

Diana Taky Deen Performs in Boston

Diana Taky Deen Pianist and lecturer in Fine and Performing Arts at AUB will perform in Boston as guest artist at the Annual Convention of the Association of Arab-American University Graduates.

The concert will be held at the Sheraton-Plaza Hotel on Saturday October 30 and will be open to the public.

New Faculty Appointments



Dr. Louis J. Verhoestraete has joined AUB as the new Director of the School of Public Health.

A graduate in Medicine at the University of Louvain, Belgium, Dr. Verhoestraete served with WHO from 1947 to his joining AUB. He has also served as a Paediatric Consultant to UNICEF in Paris, France. From 1950 to 1954, still with WHO, he served as Chief MCH in Geneva, Switzerland. From 1954 to 1960, while with PAHO/WHO, he served as Chief, Health Promotion, in Washington D.C. From 1960 to present he served as Director, Health Protection and Promotion, in Geneva, Switzerland.

Dr. Verhoestraete has written several articles in professional journals in the field of Paediatrics.

A Belgian national, Dr. Verhoestraete is a multilingual bachelor — he speaks Flemish, French, English, Spanish, Italian, and some Portuguese!



Professor Melvin L. Vulgamore from Delaware, Ohio, has joined AUB, Faculty of Arts and Sciences.

A graduate of Ohio Wesleyan University, B.A. Liberal Arts, Prof. Vulgamore did his B.D. in Theology at Harvard University, and in 1963 he earned the Ph.D. at Boston University

From 1960 to 1962 he served at Boston University, Boston, Mass. as a graduate assistant, and from 1962 to 1971 he served at Ohio Wesleyan University, Delaware, Ohio, as an instructor first and later as an Associate Professor.

His research interests are in reading of Islamics. He has published several articles in journals.

Professor Vulgamore, 36, is married and has two children, Allison Beth, 13, and Sarah Faith, 7.



On October 19, 1971 the Hospital held a small reception honoring the eleven young men, shown in uniform in the photograph, all members of the Lebanese Army Hospital. Each of the members

have recently completed a three-month training program in a particular field of the Hospital Operation. This program was newly established under coordinated efforts of Brigadere Roupael, the Office of the Hospital Director.

Press Reports on AUB

Said Aki writing about AUB in his regular column in *Lissan El-Hal* (October 27) called on the Lebanese government to do two things: To send out of the country any foreign student who gets involved in political activities; and to send to prison any student who prevents others from attending their classes. "Is it true that AUB may close down?" Aki asks. "If this happens," he continues, "it will only serve the interests of the destructive elements in Lebanon."

On Thursday October 28 eleven Arabic morning papers carried President Kirkwood's letter to Faculty, Students and Staff, either in full or in part. Some papers carried the story about the Conference of the Progressive Parties which was held the previous day and was attended by Kamal Jumblat. The papers reported that the Conference called for a public and student sit-down strike at AUB until all suspended students were readmitted. *Al-Kifab* quoted Jumblat as calling on the government to observe more controls over AUB.

The late news of agreement on campus Thursday night October 29 took the papers by surprise. Most papers stressed the readmission of the suspended students. *Al-Nahar*, *L'Orient* and other papers tended to give ex-President Chamoun the credit for the settling of the crisis.

Kamal Jumblat made a clarification in the press concerning his statement of the previous day. He said that he is not against AUB but that he would nevertheless like to see more government controls over AUB. He said that the Lebanese government should try to provide financial subsidy for AUB so as to liberate it from American government influence. He also said that Lebanese students should form 95% of the student body.

The papers published a statement from the Alumni Managing Board which was calling on political leaders to avoid using the University in their political quarrels.

Al-Hawadeib, a weekly paper traditionally known for its anti-AUB reportage, published on October 29 an interview with AUB Vice-President Hakim and gave prominence to the Vice-President's refutations of the political accusations thrown against AUB by a segment of the press and by some politicians.

AUB Bulletin

The AUB BULLETIN is the official news bulletin of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during the University holidays by the Office of Information, College Hall 306.

News intended for Thursday publication should be left, typed if possible, in the Department of Information by 10 a.m. Monday. The BULLETIN reserves the right to edit news items and to omit them entirely if unsigned. For all communication with the Bulletin please call extension 2477.

Editor: Hilmi Malouf, Reporter: Alexandros Vikis

ARCHAEOLOGY at AUB Growing Popular

"We don't want too many archaeologists," said Professor Dimitri Baramki, Director of the University Museums, "or they will remain unemployed."

This is one of the dilemmas "luxury departments," as Professor Helga Seeden, Assistant to the Director of the Archaeological Museum, described the Department of History and Archaeology, face. On the one hand an Archaeologist would like to see his department expanding; but on the other hand there is the problem of priorities. "Countries in this area feel they need people with degrees in Engineering and Agriculture more

participate in excavations and they can easily visit sites in the area which they study.

Student participation in excavations and visits to sites seem to be wishful thinking more than reality. A few of students every year participate for a short time in one excavation or another. (There are now 5 students excavating with Prof. Pritchard). But this is the exception rather than the rule; and even if a rule, it applies only for graduate students doing their M.A. in Archaeology and not to undergraduates intending to go on for an M.A. in Archaeology.

This is clearly illustrated in the

M.A. program," she added. Then why is this not done? "It is the same problem all the time," she said, "lack of funds. Also, to a certain extent, lack of interest on the part of the students."

Archaeology may be a "luxury"; but luxury as it may be it is becoming a lot more popular than it used to be. Courses in Archaeology were offered for the first time in 1951. At that time there was only a handful of students taking them. Three years ago there were twelve students per semester taking courses in Archaeology; last year there were about 50 students per semester; and this year the number is even higher, with eight students doing their M.A. program—the first M.A. program was offered in 1960 and since then 4 people have graduated. There are only "1 1/4 Professors," as Professor Seeden put it, giving courses in Archaeology. Professor Baramki half time, Professor Seeden also half time (the other half time goes into CS;) the other teaching quarter is provided by Professor R. Saidah from outside the University "as a result of staff shortage," as Professor Baramki said.

Both Professors, Baramki and Seeden, agree that more Professors and more students in Archaeology is something they would like to see; they both agree that under the present circumstances it is unrealistic to expect a Department of Archaeology separate from that of History (at present there is one Department, that of History and Archaeology, so that there is no B.A. degree in Archaeology.)

Both Professor Baramki and Professor Seeden are very modest; they accept that Archaeology is "a luxury" without even trying to point out that Fine Arts, for example, is as much of a luxury, if not more.



Above: Prof. Dimitri Baramki, Director of the University Museums.

Left: Students studying Museum artefacts.

Below: Prof. Helga Seeden before case of Levantine Pottery.

than archaeologists," Professor Seeden said. There is also the problem of employment; Professor Baramki's "or they will remain unemployed" hits at the heart of the problem, even if in blunt terms.

It is the policy of the Department to offer courses concentrating on the Near East; so all 5 courses in archaeology offered this academic year focus on this area: Archaeology of Palestine, of Phoenicia, of Syria, of the Near East, Numismatics of the Near East.

"There is no point trying to compete with the bigger and richer universities in Europe which offer excellent programs on Greco-Roman Archaeology," Professor Seeden said. The fact that AUB is situated in this area provides it with an advantage European universities lack. Students here can easily par-

case of the excavations carried out by the university at a site located half in the AUB Farm and half outside. The site was discovered accidentally in 1956 and excavations have been going on and off since then. Yet very few people taking courses in Archaeology know about the site or about the excavations—as for the students doing Agriculture who have stayed at the Farm for one whole semester they know nothing of the existence of a site.

And yet the site could be the ideal site for students to participate in excavating, according to Professor Seeden. She even suggested that excavation at the site should be offered as a credit course to students in Archaeology. "In fact such a course should be established as a prerequisite for the



(From p. 1) **Review of Strike**

Tuesday, October 26

Dean of Students Robert Najemy failing to persuade striking students to permit free access of faculty and students to Nicely orders workers to cut the chains off the Nicely Hall entrance. Students from inside attack using fire extinguishers and five workers are injured. Nicely Hall remains occupied and barricaded.

Lebanese Security Forces are on a standby basis outside AUB's Main Gate.

Maher Masri, ex-president of the former Student Council, speaks over the Nicely Hall loudspeakers and



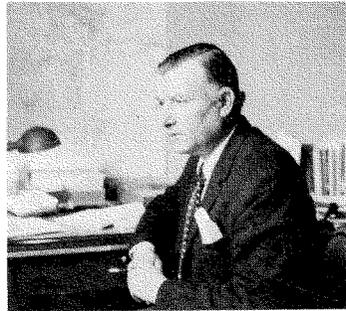
Provost Thabet

says that the AUB administration has ordered its workers to attack the students inside Nicely.

Speakers' Corner at noon reveals the hostility to the strike of some students and the apathy of others.

Classes in all other buildings except Nicely take place normally; attendance is high.

The Disciplinary Committee meets and dismisses one student from AUB for violation of University regulations. Another student is suspended from readmission and five others are placed on double probation.



Prof. Khalidy

Wednesday, October 27

The Chemistry building is blocked, but faculty and students soon clear the entrance and classes are now held normally. An attempt is also made to disrupt classes in Agriculture, but it fails.

Two more phone calls are received by the University warning of bombs placed in New Chemistry building and in Jaffet Library. Both prove to be hoaxes, but Jaffet Library closes at 8.30 p.m.

A silent march takes place. About 200 students are led by strike leaders, many carry placards



Prof. Najemy

reading "united we stand, divided we fall" "Don't give in," etc.

President Kirkwood's open letter to students, faculty and staff is given wide circulation.

Professor Walid Khalidy meets with striking students in Nicely Hall. He continues discussion for about ten hours.

Classes rescheduled are well attended.

The Afghan Student Association accuses the AUB administration of ordering its workers to use violence against striking students.

The Minister of Education and Professor Khalidy meet with President Kirkwood at Marquand House. Professor Khalidy returns to Nicely Hall for further negotiations with the students.



Dr. Dagher

Thursday, October 28

President Kirkwood convenes the Senate at 10 a.m.; the consensus is that students should evacuate all buildings occupied. Fisk Hall is occupied after a noisy "silent" march by about 400 students.

The Lebanese Students League installs a loudspeaker at the Main Gate and League students charge that outside political groups are exploiting the strike to their own advantage.

Students belonging to the League take over the New Chemistry building.

Five students are injured in

clashes between rival student groups.

Meanwhile the war of pamphlets and words through the loudspeakers continues. The AUB Bulletin appears at least twice a day and large numbers of students gather in front of the notice boards where the Bulletin is displayed to read it.

Thursday 11 p.m. to midnight

A settlement is reached and students vacate the occupied buildings. Playing a leading role in the settlement were Provost Samir Thabet, Dr. Rifaat Dagher, Chairman of the Student/Faculty Committee, Professor Khalidy, and Dean of Student Affairs Professor Robert Najemy.

Thursday evening President Kirkwood presented a clarification of his open letter of the previous day. These two documents formed the basis of the strike settlement and the evacuation of AUB buildings about 11:00 p.m. Thursday night.

Thursday's statement follows:

I. STUDENTS SUSPENDED AUGUST 12th

All remaining cases of the 22 students who were suspended from readmission on August 12, 1971 who petition for readmission, if they have not done so already, before December 20, 1971 and who demonstrate by their conduct in the period between now and January 30, 1972 their compliance with the University regulations as in the "Brief Guide for Student Conduct" and who affirm their intention to continue such compliance will be readmitted for the second semester. It is my sincere hope that all the students in question will so act.

II. SEVEN STUDENTS AGAINST WHOM DISCIPLINARY ACTION WAS TAKEN OCTOBER 26, 1971

Five students with double warning are still students at AUB. One who is not now a student can apply for admission on February 1, 1972. The Disciplinary Committee considers the other dismissed student as belonging in the category of such students vacating the buildings voluntarily as stated in the following paragraph.

III. STUDENTS NOW OCCUPYING NICELY AND FISK HALLS

By rule of the University Disciplinary Committee, those identified as occupying buildings and who vacate voluntarily by midnight, Thursday, October 28, will be subject to probation but will not be suspended or expelled; those who do not vacate by midnight will be dismissed for a minimum of two semesters.

President Kirkwood's Open Letter of Oct. 29 to Students, Faculty and Staff

The four-day strike and occupation of buildings which again disrupted the academic program of the University is over. However, I cannot stress too strongly my deep conviction that by such encounters we have risked the very life of the academic community. We must find new mechanisms which will insure dialogue free of intimidation as the only acceptable means of resolving University issues.

Dissent is highly prized in an association of scholars and scientists such as we have at AUB and must be preserved. But dissent without mutual respect for differing opinions, is not acceptable in a university community.

All of us have a responsibility for building this mutual respect:

students, faculty, administration, and staff, and government, too.

Students have realized that events can reach unwanted extremes which can destroy the search for greater dialogue. Yet the ultimate respect which students have for their University was daily in evidence and is the hope of the continuation of its program.

The concern which the government has shown for the AUB and for its continuity, expressed through the efforts of the President of the Republic, the Prime Minister and the Minister of Education, is indeed reassuring. The freedom and protection provided by Lebanon are essential prerequisites to a functional community of scholars.

I must express also, the gratitude of the University to faculty and staff for the spirit of unity which

they have manifested the past few days. The crisis has shown that we can all forget small differences and unite in the greater interests of the University. It is my hope that all who constitute the AUB community will learn from the experience of the past five months and will keep the channels of communication open in order that we may, through free dialogue, advance the interests of AUB. On my part I shall do my utmost to realize this objective.

This University will continue to promote learning, deepen the cultural legacy, and serve the people of the Middle East. These are great objectives with which all members of the AUB community are proud to be associated.

Samuel B. Kirkwood
President

American University of Beirut bulletin

VOLUME XV, No. 5

THURSDAY, NOVEMBER 11, 1971

AUB Prof. Participates in Plant Protection Congress

Professor A.S. Talhouk of the Faculty of Agricultural Sciences has recently returned from a visit to Europe, where he has participated in the 3rd circum-Mediterranean Plant Protection Congress that was held from September 20-25 in the University of Sassari in Sardinia. The participants numbered 138 scientists, mostly from Italy, France, Egypt, Spain, Yugoslavia, Portugal and Greece, and included well-known specialists in the fields of plant viruses, bacterial and fungal diseases, nematologists, different disciplines of applied entomology, weed science, plant physiology, pesticide chemistry and toxicology. The congress limited its discussions to some special problems of the Mediterranean Region dealing with the protection of tomato and pepper, rice, almond apricot and peach, poplar and oak, and the hazelnut.

Already in March 1971, the Organizing Committee of the Congress asked Professor Talhouk to chair the sessions that deal with pests of stone fruit trees, which he chaired in September and gave communication in which he brought to the attention of the members the potential danger of three endemic pest species that occur in Lebanon and Syria with biological notes hitherto unknown.

Dialogue in Theology and Culture

The Near East School of Theology has organized a "Dialogue in Theology and Culture" to take place from November 14 to December 12 at the School's new building on Rue Artois.

The lectures will take place on five successive Sunday evenings, from 7.30 to 9 p.m. and participation is open to all wishing to attend.

The first lecture by Prof. Hugh Harcourt, Chairman of Cultural Studies at AUB, will be on the subject "Is Secularization a Threat to Christianity?" The respondent will be Prof. James Fennelly, Professor of Religion at BCW.

Conference on "Science Education Research in the Arab World" to Take Place Nov. 23 to Nov. 25

The Science and Mathematics Center of AUB has sponsored a research conference to take place at the UNESCO Regional Center from November 23 to November 25.

Participants from eight Arab countries, and two guest speakers, one from the United States and one from Britain, will present research papers at the conference. Twenty five research reports will be presented over the six sessions of the conference. Invitations have been sent to educators and Professors of Science in various universities and international agencies in the area. About 70 persons are expected to attend the conference.

The purpose of the conference is threefold, according to Prof. Wadi' Haddad, Director of the Science and Mathematics Education Center of AUB: (1) To present a survey of research carried out in the Arab world on Science Education, (2) to present reports on specific research projects, and (3) to discuss problems facing research and find areas of research possibilities.

It is hoped, Prof. Haddad said, that as a result of the conference a certain functional relationship will grow among the various researchers. It is to be noted, he continued, that this conference is the first of its kind in the area. Researchers from Egypt, Jordan, Syria, Bahrain, Lebanon, Saudi Arabia and the United States will present papers; these papers will cover areas in Concepts and Atti-



tudes, Assessment, Curriculum and Instruction, Science and Society, Science Teachers, Implementation and Research.

At the end of each session a discussion will follow on the problems faced in particular areas of research and determine areas for research to be carried out. This, according to Prof. Haddad, will help researchers coordinate their efforts in their future research projects.

AUB Professors W. Haddad, G. Za'rour, V. Billieh, Y. Namek, J. McClain, and S. Makzumé, will present 14 research papers at the conference.

We hope, Prof. Haddad said, that next year we shall have a similar conference again, with some sessions on science and some on education research.

The Science and Mathematics Center sponsored another conference last year, "Science for Citizenship," for High School teachers, and it is hoped that this year a conference will be organized for teachers of Mathematics.

Alexander von Humboldt Foundation Offers Fellowships

The Alexander von Humboldt Foundation provides opportunities for young, highly qualified scholars from abroad to carry out research projects of their own choice in the Federal Republic of Germany.

The fellowships, approx. 4000 DM a year, are offered on a worldwide competitive basis. Applications may be entered from scholars of all nationalities and all academic disciplines.

Applications are considered by the Selection Committee of the Alexander von Humboldt Foundation. This committee comprises scholars of all disciplines, and bases its decision exclusively on the academic merit and attainment.

Humboldt Fellowships are only awarded for specific research projects, not for training purposes, short-term informatory trips or study tours.

For further information interested faculty should contact their department chairman.

"Jerusalem in Danger"

The Americans for Justice in the Middle East, in cooperation with the Council for Advancement of Arabic - British Understanding, CAABU, is sponsoring the show of the film "Jerusalem in Danger."

The 20-minute film, in color, dramatizes the situation created by the completion of housing projects for Jewish settlers built in Jerusalem on Arab land substantially changing the character of the city—contrary to the 1969 resolution of the United Nations.

Public Lectures

A series of 3 lectures will be presented in English by Dr. Bass, Senior Consultant on Industrial Development, UNIDO on the following subjects:

1. Selection, Definition and Programming of Projects
2. Execution and Control of Project Work
3. The Use of Interdisciplinary Teams on Projects.

Time: November 12, 15 and 17 a. 4 p.m.

Place: Room 102 — Agriculture Building.

Byron Porter Smith Lecture Series

The Department of English and the Division of Extension and Special Programs at AUB are the sponsors of the Byron Porter Smith Lecture Series, during which 11 AUB Professors will lecture on various topics.

The inaugural lecture under the title "Modern African Writing in English" will be given by Prof. S.B. Bushrui on November 15, West Hall Lecture Hall, at 8 p.m.

This lecture series is dedicated to the memory of the late Prof. Byron Porter Smith in appreciation of his distinguished services to his students, the University, the Department of English and the peoples of the Middle East. Prof. Smith was Professor of English at AUB from 1920 until 1953.

Coming Events

November 11

Women's Association of AUB General Meeting.

The film "Lebanon on the Cross-roads" will be shown.

Husbands are also invited.

West Hall Lecture Hall, 8 p.m.

November 15

"Lebanese Financial Policy." A public meeting with Minister of Finance Elias Saba organized by the Alumni Association. Alumni Club, 7 p.m.

November 16

Film "Jerusalem in Danger" sponsored by the Americans for Justice in the Middle East in cooperation with the Council for Advancement of Arabic-British Understanding, CAABU, will be shown.

November 23

A Reception of the Society of the Sigma Xi for all local members, new members and recently arrived national members of Sigma Xi will take place at the Faculty Lounge, 8 p.m.

November 23-27

Geology Exhibition on Petroleum Industry. Sponsored by the Department of Geology and the Geology Students Association.

November 17

1971 Area Lecture Series "The Political Scene." Lecturer Prof. Ibrahim Ibrahim, Ada Dodge Faculty Lounge, 8 p.m.

November 25

A Thanksgiving Service will take place in Assembly Hall, 5.30 p.m.

Chapel Services

Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker, Jr.

Choir Rehearsals

Choir rehearsals are scheduled in Room 108, Nicely Hall, for Mondays and Thursdays.

Female Voices at 6 p.m.

Male Voices at 7 p.m.

New Faculty



Dr. Najmuddin Merchant, originally from Karachi, Pakistan, has joined the AUB, School of Public Health, Department of Environmental Health.

Dr. Merchant earned his Bachelor's and Master's degrees from the University of Karachi in the years 1959 and 1961 respectively. In 1960 he earned a Diploma in Pharmacy from the Dow Medical College, Karachi.

He joined the D.J. Government Science College of Karachi as Lecturer in Microbiology and served the institution between 1961 and 1963.

In 1963 Dr. Merchant proceeded to the United States to join the School of Public Health of the University of California in Los Angeles. He earned his M.P.H. degree in 1964. He continued his program for higher studies and at the same time served the University in various capacities. He earned his doctoral degree in 1970.

Dr. Merchant served as Research Coordinator for the Health Planning Association of Southern California (1968-69) and as Consultant to the Allied Health Professions Projects (UCLA) where he developed programs for Hospital Environments and Engineering Maintenance in Health Care Facilities. The project was supported by the Federal Government of the United States.

Dr. Merchant, 34, is married. Dr. and Mrs. Merchant have two sons, Farrukh 3, and Naveed 10 months.

The 1972 Middle East engagement calendars are now available for 6 L.L. Proceeds from sales will be used by the Women's Auxiliary of the American University Hospital to assist needy patients. Available at Office of Development Third Floor, College Hall.

The AUB Bulletin is the official weekly news bulletin of the American University of Beirut, Lebanon. It is published weekly, except during holidays, by the Office of Information, College Hall 306. Editor: Hilmi Malouf, Reporter: Alexandros Vikis.

Press Reports on AUB

The Lebanese Press continued to carry reports and editorials during the first week of November.

Al-Lewa' announced November 4, that it was starting a series of interviews about the "true" cultural role of AUB in the area. In an introductory note to the series, *Al-Lewa'* says that in the past AUB encouraged the spirit of independence in the Arab World because it was fighting the Ottoman and later the French domination. The paper then poses the question of whether AUB would encourage once again the spirit of independence— independence from American domination over certain parts of the Arab World.

Al-Jarida writing about the financial difficulties AUB is facing says that President Kirkwood and two assistants went to the U.S. to do something about the crisis. Concerning the effects of the discontinuation of the U.S. AID Program, *Al-Jarida* quotes Vice President Hakim as saying that it is yet too early to know of any effects as the discontinuation of AID is not definite yet. The paper also quotes an official AUB source as having said that if AID is discontinued then AUB cannot survive for more than six months.

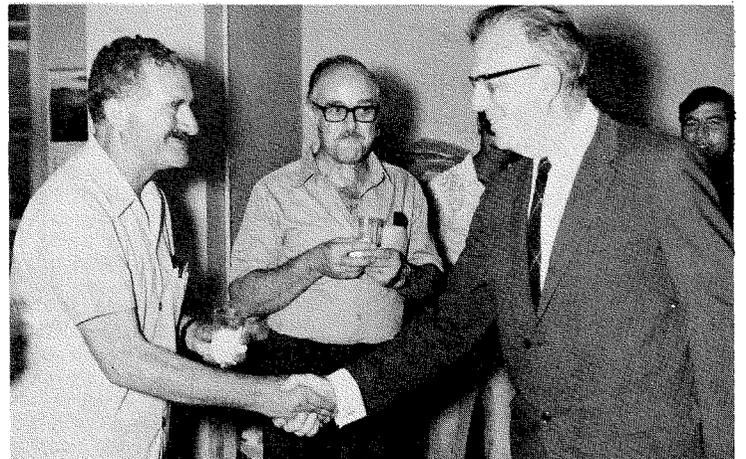
L'Orient-Le Jour commenting on the elections which took place for the Political Studies Student Society at AUB says that the result is a victory for the leftist group which contested the election and won. This, the paper says, is particularly important since in the absence of a Student Council the departmental student societies will play a more important role in student "participation."

Farid Abou Shahla in an editorial in weekly *Al-Jamhour* about the implications of the student movement, says: We must warn the AUB students that the means they

resort to in order to realize their objectives are not always logical and sound and they often turn out to be detrimental to the interests of the students themselves. The majority of students, he writes, are being used by outside elements for ends against the students' interests. AUB, he continues, is not responsible for the American policy in the Middle East, and fighting AUB only serves the interests of the enemies of the Arabs. AUB, though called American, is only an educational institution on Lebanese land, he concluded.

Al-Lewa', November 5, continuing its articles on the cultural role of AUB, analyzed the composition of faculty, staff, and workers and tried to show their relative position and power in the University. Concerning the faculty, the paper said that some of the Lebanese and Arab professors come from lower income classes; they managed to follow their higher education through grants and scholarships. As a result, the paper said, this group has, for the most part, progressive ideas. Concerning the staff, the paper said that as the administration has the power to dismiss any administrative officer, his makes the staff at least neutral. As for the workers, the article concludes, they are under the control of the security office of the University, which knows how to handle them.

Al-Anwar, November 8, carried a report about the inauguration at AUB of a Student Employment Bureau, a non-profit project run by students and for the students. The aim of the Bureau, the paper says, is to act as a link between students who would like to work part-time, or full-time during vacations or upon graduation, and business firms or other parties which offer such employment.



Jirjis Helou and Evelyn Zacharia, both members of the circulation department of the Jaffet Library, were recently presented with the 15-years' service awards.

Karim Haikal Comptroller's Office was awarded the 25-year service pin. In photo President Kirkwood congratulating Karim Haikal.

"The Near East: Land, People, Religions"

On Wednesday, November 3, Prof. William Ward, Associate Professor of History and Archaeology at AUB, gave a lecture in the 1971 Area Lecture Series, on "The Near East: Land, People, Religions." The following are extracts from his lecture.

.... The era comprising the Prehistoric Age of the Near East to the age of the Conquest by the West could be divided into four main periods: The Prehistoric Age, starting with the appearance of man and ending approximately 3000 B.C. The Age of the Local Kingdoms, small kingdoms not exceeding their natural boundaries. This period starts 3000 B.C. and ends around 1600 B.C. The Age of the Limited Empires, when the small kingdoms started expanding beyond their natural boundaries, ending about 900 B.C. ... The last period is that of the Extended Empires, with the Assyrian, Babylonian and finally the Persian Empire, starting around 900 and ending with the conquest by the West....

Now the sources to which the historian resorts in order to present a coherent and continuous account of what took place in the past are to be found in archaeological material and written records, both of which abound Archaeology gives the historian an account of the material history of culture, and a lot can be learned about ancient man from this Of course we historians are often wrong in our interpretations of the past, but nevertheless it is worth trying Written records, and there is a considerable amount of these, tell us a lot about man's life. We have economic and legal tablets in the thousands, and there is a whole group of scholars spending their lives working on these legal and economic tablets—which make quite an interesting reading; really. From such tablets we have learned that there was a man in a town who resorted to the courts very frequently. It is interesting to note that he never lost a case—he was so rich that he always won the case From religious documents of all types, religious drama, hymns, etc., from treaties and other historical records we can learn a great deal about ancient man. So archaeological material provides the historian with a relatively complete record of the past, a relative chronology of events and also the sequence of events ...

What I have so far said refers to the sources to which the historian turns in order to reconstruct the past as best as he can. But one must bear in mind that a great deal of what one reads, even if written by a great historian, is speculative, theory more than anything else

I shall now refer to the process of thought in the ancient world. There is nothing more difficult than trying to get rid of the way we think in order to understand how they thought at those times. Because the ancients did not think like us at all. The Egyptians, for example, did use algebra—algebra is supposed to be a Phoenician invention in this part of the world, but in fact it is not so. For the Egyptians, though they used algebra, it made no difference if their calculations were only approximately correct; an approximation was alright with them, even if this makes no sense to us

The uniqueness of each civilization lies in how it answers the questions the people face. All philosophy can be reduced to a dozen or so questions, and the same is true of religions The same questions, philosophical and religious ones that we ask today, the ancients asked them also. But their answers to them were quite different from our own, although still very interesting

All ancient speculation was concerned primarily with the place of man in the universe The whole framework of thought at that time was limited by what man could see with his own eyes All ancient speculation begins with "who are we?" and "what are we doing here?"

To the Babylonians, Egyptians, Hebrews, the universe was thought to be two-dimensional. The earth was thought to be flat; over the earth there was a solid dome, the "vault of heaven," and across that dome there were the stars, the moon, the sun Underneath the earth there was the Hell, a big, deep, dark cave. For the Egyptians Hell was a good place, with women, songs and dancing, it was a kind of utopia. For the Babylonians and others Hell was a dark hole where man ate dust and lived in darkness in eternity The Greeks borrowed their ideas about the Hades from this

Man's religion—I don't like this word, there is no such word in any of the languages of that time equivalent to the word religion—was conditioned by the effects of the nature that surrounded man, as man saw it

Every part of the universe was activated by its own invisible spirit; what man was doing was that he was personifying all parts of the universe. He assumed that behind every effect there was one of these spirits, and it was that spirit he worshipped. He did not worship animals and trees, but the spirit controlling that thing—be it a tree, an animal, or anything

Man felt an effect the cause of which he could not explain, so he made the cause intrinsic to the thing; in this way he could understand how the universe functioned

As man was not sure that an effect would be repeated, that the sun would rise, for example, he had to pray continuously to all those spirits, 24 hours a day But as a result of his inability to pray 24 hours a day he had to find a solution to this. So he devised the class of the priests, people whose only function would be to pray day and night. One though should not feel sorry about these priests. Financially they did very well

In general all ancient religious were interested in keeping the Universe go on and on, by praying to the innumerable spirits which activated the universe

Now I shall briefly refer to the various ethnic groups that were to be found in the area. As I don't like the word "ethnic" I shall rather talk of linguistic groups.

The Egyptians were one of these linguistic group. Their language was a mixture of North African and Semetic dialects. It was an artificial language, like the English. The origins of the population of Egypt were in North Africa

The Sumerians of South Babylonia is another of the linguistic groups in the area. Their language is unrelated to any known ancient or modern language, it is a totally isolated language. The Sumerians, as far as we know, had always been there, they had not gone there from any other place

The Semites, and there is nothing ethnic or political in this name, were the most populous linguistic group in the area. Their writing was syllabic. Their origins were either in South Arabia or in Syria—and I accept the Syrian origin view.

The Hurians, another of the linguistic groups, introduced in the area the horse and the chariot. They came from Caucasus, and their language was related to Caucasian

The Indo-Europeans form the last of the major linguistic groups in the area. They were part of the massive migration out of Central Asia So the population of the area is a mixed one

Well, I have finished my lecture without having mentioned anything about Lebanon specifically. But all the things I have already said are to be found, in a sort of mixture, in Lebanon.

Byron Porter Smith Lecture Series Starts Nov. 15

(Lecture Room — 8 p.m.):

- November 15 S.B. Bushrui: **Modern African Writing in English.**
 November 29 A. Melikian: **Byron and the East.**
 December 13 B. Blackstone: **Thomas Moore and Byron.**

1972

- January 3 G. Khairallah: **The Image of the Politician in Henry Adams.**
 January 17 J. D'Amico: **On Founding States: Some Correlations Between Machiavelli's "Discorsi" and "The Tempest" of Shakespeare.**
 January 31 J.L. Capps: **Emerson, Dickinson and Frost: Concentric American Poetry.**
 February 28 R. Murphy: **William Burroughs: Pornography of Control.**
 March 13 N.J.Q. Bratton: **Language and Literature.**
 March 27 J.M. Munro: **Arnold Bennett and the Edwardian Mind.**
 April 17 E. Boecker: **The Influence of Johann Wolfgang Goethe on Sir Walter Scott.**
 May 8 M. Hallab: **Henry James and the Psychoanalysts.**

The Museum of the American University of Beirut

"One of the important educational services which the founders of the American University of Beirut rendered to the Near East was the establishment of an archaeological museum in Beirut, at a time when the entire area boasted of only two museums, one in Cairo and the other at Constantinople."

This is the opening sentence of Prof. Dimitri Baramki, Director of the University Museums, in the introduction to his book "The Archaeological Museum of the American University of Beirut."

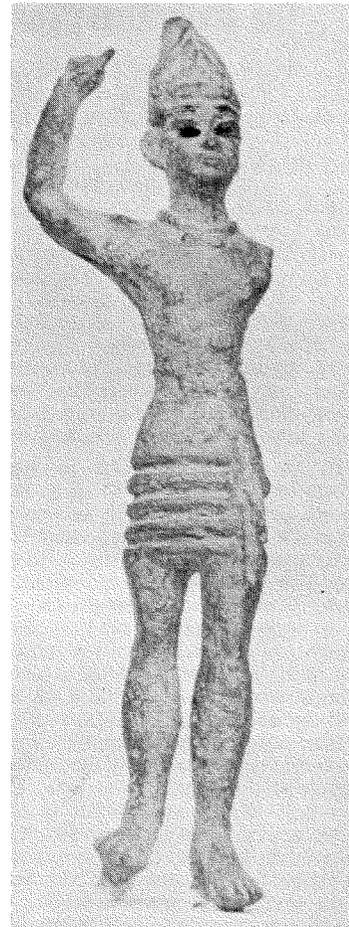
The AUB museum was founded in 1868, and the story of the growth of the collection exhibited in the Galleries of Post Hall is closely linked with the gradual expansion of the parent institution, the university.

The nucleus around which the Museum collection grew to its present form was presented by General Cesnola, the American Consul in Cyprus in the middle of the 19th century. The growth of the collection was slow, but today the museum can claim to possess a wide cross section of the cultural patterns of man in the entire area of the Near East from the Early Stone Age to relatively recent times.

In spite of the rather meagre funds placed at the disposal of the museum the successive curators were able to add gradually to the collection. Today the museum possesses over 9000 selected artefacts of various types, and also a valuable collection of coins over 10000 in number.

Other museums established after the foundation of the University museum have grown to contain rich collections of important artefacts discovered in the area, said Prof. Helga Seeden. The museums of Beirut, Baghdad, Jerusalem, Amman, Damascus, and also others, are examples of this emergence and growth of national museums.

The university museum does not boast of possessing such great works of art as any of these na-



tional museums, writes Prof. Baramki. Nevertheless the role of the university museum is at least as important as that of the national museums. The reason for this, according to Prof. Baramki, is that while each of the national museums is local, its main purpose being to present the material side of the cultural progress of the country in which it is situated, the university museum collection embraces artefacts from Syria, Iraq, Phoenicia, Iran, Egypt, Palestine and Cyprus. Prof. Baramki adds, "for a comparative study of the ancient cultures of the countries of the Near East the university museum is perhaps unequalled and indispensable."

The museum now occupies the major part of the ground floor of Post Hall, called so after the Rev. George E. Post, first Professor of Surgery (1867-1909) at AUB. Dr. Post took charge of the museum and he personally designed and supervised the construction of the new building which was completed in 1902.

Professor Harvey Porter, who served AUB as Professor of History and Psychology from 1870 to 1923, collaborated with Dr. Post in the administration of the museum. Under his charge the growth of the museum was greatly accelerated by the purchase of fairly substantial private collections from individuals living in the Near East.

In 1956, a decision was taken to recondition Post Hall and to allot greater space for the exhibits. As a result of that decision the area allotted to the museum was doubled. The museum was also equipped with metal and plate glass show cases, and in its new garb it was opened to the public in February 1964. The present arrangement of the show cases and exhibits was carried out by Prof. Baramki, Prof. Helga Seeden, and Mrs. Yvette Bridi, the Administrative Assistant to the Director of the museum.

The museum consists of two galleries, the first containing artefacts of the Stone and Bronze Ages of the Near East, and the second one, divided into three bays,

containing artefacts ranging from the Iron Age to the Islamic Period.

The collection of the museum grew mainly by purchase, and also from a number of gifts donated by the Alumni and friends of the university. But as Prof. Baramki puts it, "growth by purchase, except in exceptional circumstances, is to be deprecated Growth from now on must be by acquisitions from archaeological excavations." It is anticipated, Prof. Baramki says, that the museum will grow more from the ancient artefacts coming from such excavations, rather than from other sources, and the scientific value of the collection will thus be greatly enhanced.

Again according to Prof. Baramki, "for a proper understanding of the present civilization of any area, a study of its ancient cultural background and heritage is essential, and the Near East is no exception." There are about four thousand visitors coming to see the exhibits of the university museum every year; so the role of the museum in helping to inculcate to the inhabitants of the area a deeper appreciation of the heritage of their past has in this respect been of no little importance.

Above (center): Hellenistic by-dria.

Above (right): Bronze figurine of Reshef.

Left: Head of Reshef in basalt.



American University of Beirut bulletin

VOLUME XV, No. 6

THURSDAY, NOVEMBER 18, 1971

Prof. Klink to direct research for UNIDO

Prof. Sami A. Klink, Associate Professor of Civil Engineering has been asked by the United Nations Industrial Development Organization (UNIDO), to direct a research program on the subject of Building Construction and Building Materials Industries in the Arab countries of the Middle East.

The first part of this program, which started in July 1971, consists in studying the building construction industry, the building materials industries, and the availability of raw materials and technical knowhow; it covers eighteen countries, including Lebanon, Syria, Jordan, Irak, Saudi Arabia, Kuwait, Bahrain, Qatar, Dhubai, Abu Dhabi, Maskat, Oman, Al Charka, Ras el Khaima, North Yemen, South Yemen, Aden, and Hadramaut.

The second part of the program uses the information collected and analyzed in the first part to formulate recommendations for eventual cooperation between these countries in this field, as well as suggestions for research programs leading to the eventual development of new building materials using raw materials locally available in the area.

Water Pollution Control Course starts Nov. 23

A four-week course on Water Pollution Control will start at AUB November 23. The course is sponsored by the Faculty of Engineering and Architecture of AUB in association with the Civil Engineering Faculty of the Imperial College of Science and Technology, University of London.

About 45 engineers from Lebanon, Syria, Jordan, Saudi Arabia, Kuwait, Bahrain, Dhubai, Iran and Turkey have registered for the course.

Ten lecturers from Britain, brought to Beirut by the Middle East Development Division of the British Embassy, and two from AUB will lecture during the course. The course in Water Pollution Control will be followed in September by another course on Air and Soil Pollution.

Plant Pathology Dept. receives book donation



The Library of the American University of Beirut received yesterday a valuable donation of books, offered by Mrs. Hans Braun, the widow of the late Dr. Hans Braun the former director of the Institute of Plant Pathology at the University of Bonn.

- The donation includes:
- 20 volumes of the Sorauer Pflanzenkrankheiten handbook, the only handbook on plant pests and diseases in the world literature.
 - 54 volumes of the "Phytopathologische Zeitschrift," the leading international journal on plant pathology in Europe.
 - A collection of 75 books on plant pests and diseases or related biological topics. One of them is the most precious book of the donation: The personal copy of Anton de Bary (1831-1888) of his first book "Untersuchungen uber du Brandpilze" Berlin 1853. With the publication of this

book a new era started in mycology, plant pathology and disease control, and it is one of the few books later published in English as a "Phytopathological Classes."

Mrs. Braun made the donation in memory of her late husband and as further demonstration of the close relations that exist, since 1962, between the AUB Plant Pa-

Geology Exhibition opens Nov. 23

A Geology and Petroleum Exhibition will take place at AUB, West Hall Common Room, between Nov. 23-Nov. 28. The aim of the exhibition is to show developments, new techniques and products in the field of petroleum and geology.

The exhibition is sponsored by the Department of Geology and the Geology Students Association of AUB.

thology Department and the Institute of Plant Pathology at Bonn.

The donation was presented to AUB Library by Professor Heinrich C. Weltzien from the AUB Faculty of Agriculture who is the chairman of the International society of Plant Pathology and a personal friend of the Braun family.

Photo from left to right: Prof. Weltzien presenting the donation to Mr. Francis Kent, AUB Librarian; Dean Swenson, Faculty of Agriculture, and Vice President Hakim.

Prof. Smith Exhibits At Centre d'Art

Prof. Peter Harrison Smith of the Fine and Performing Arts Department is exhibiting "Water Colors, Collage and Mixed Media drawings at Gallery Centre d'Art (across from Cadmus Hotel.) The exhibition which started on November 10 will continue till November 24.

Campus Events

SUNDAY, NOVEMBER 21

Dialogue in Theology and Culture: "Has Science the Right to Manipulate Man?" Discussants: Prof. Philip Basson, Chairman of the Department of Biology, AUB, and Prof. Willis Hayes, Professor of Biology, AUB.

TUESDAY, NOVEMBER 23

A reception of the Society of the Sigma Xi for all local members, new members and recently arrived national members of Sigma Xi will take place at the Faculty Lounge, 8 p.m.

NOVEMBER 23-27

Geology Exhibition on Petroleum Industry, at West Hall Common Room. The exhibition is sponsored by the Department of Geology and the Geology Students Association.

WEDNESDAY, NOVEMBER 24

1971 Area Lecture Series "The Economic Scene." Lecturer: Prof. Yusuf Sayegh. Ada Dodge Faculty Lounge. 8 p.m.

THURSDAY, NOVEMBER 25

A Thanksgiving Service will take place in Assembly Hall, 5:30 p.m.

SUNDAY, NOVEMBER 28

Dialogue in Theology and Culture "What are Today's Youth Protesting About?" By a panel of Protestant and Orthodox students. Place: The Near East School of Theology, Rue Artois, 7:30-9 p.m.

CHAPEL SERVICES

Services are held at the University Chapel on Sundays at 9:30 a.m., throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker.

CHOIR REHEARSALS

Choir Rehearsals are scheduled in Room 108, Nicely Hall, for Mondays and Thursdays. Female Voices at 6 p.m. Male Voices at 7 p.m.

New Faculty



Prof. As'ad Elias Khayrallah, from Bhamdoun, Lebanon, has returned to AUB, Faculty of Arts and Sciences, to teach Arabic and Near Eastern languages.

A Graduate of AUB, B.A. in Philosophy and M.A. in Arabic, he went to Princeton University where he earned his M.A. in Near Eastern Studies and Comparative Literature, and in 1971 the Ph.D.

From 1963 to his returning to AUB, Prof. Khayrallah taught at AUB and Orient Institut in Beirut, Freiburg University, W. Germany, and Princeton University, USA.

Prof. Khayrallah, 35, is a multilingual Bachelor—he speaks Arabic, Persian, English, French and German.

Bayram

Bayram refers to the feast marking the end of Ramadan, the month of fasting for the Moslems. Fasting is one of the Five Pillars of Islam, the other four Pillars being: Alms Giving, Pilgrimage to Mecca, Five Daily Prayers, and the Belief in one God with Mohammad as his Prophet.

"What's the Answer"

To be of further service to the AUB community, the Bulletin will welcome questions dealing with AUB. The Bulletin will attempt to obtain the information to answer such questions.

Questions must carry the name and address of the author.

Send questions to "What's the Answer," Editor, AUB Bulletin, College Hall.

MONDAY, NOVEMBER 29

"Water Pollution Control," Public Lecture sponsored by Sigma Xi and the British Overseas Development Association. Lecturer: W.F., Lester O.B.E., F.R.I.C., Fellow of the Institute of Water Pollution Control, an authority on polluted river system which provide water for public use. Place: Lecture Hall, Bechtel Engineering Building. 6 p.m.

Student Employment Bureau Now operating on Campus

A Student Employment Bureau has been operating on campus since the beginning of November. The project, according to Habib Bridi, the Bureau manager, is a means of liaison between companies and other parties needing personnel or students for employment, and students looking for jobs.

"We, as students," Bridi said, "have been looking for constructive projects on campus. The Student Employment Bureau and the Second-Hand Bookshop are two of our ideas which have materialized so far."

The Employment Bureau is a non-profit project, but applicants for jobs are charged a non-refundable fee of 2 L.L. This, according to Bridi, will take care of the office expenses. "We hope," he added, "that the sum we may be able to accumulate through the two-pound fee will go far scholarships to needy students." He added though that no details have so far been discussed about the procedures to be followed for the allocation of the funds for scholarships.

The Student Employment Bureau and the Second-Hand Bookshop are being assisted by the Office of Student Affairs. Office space for both projects, and some office equipment, were obtained with the help of Prof. Najemy, Dean of Student Affairs. "Dean

The AUB Bulletin is the official weekly news bulletin of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during holidays, by the Office of Information, College Hall 306. Editor: Hilmi Malouf, Reporter: Alexandros Vikis.

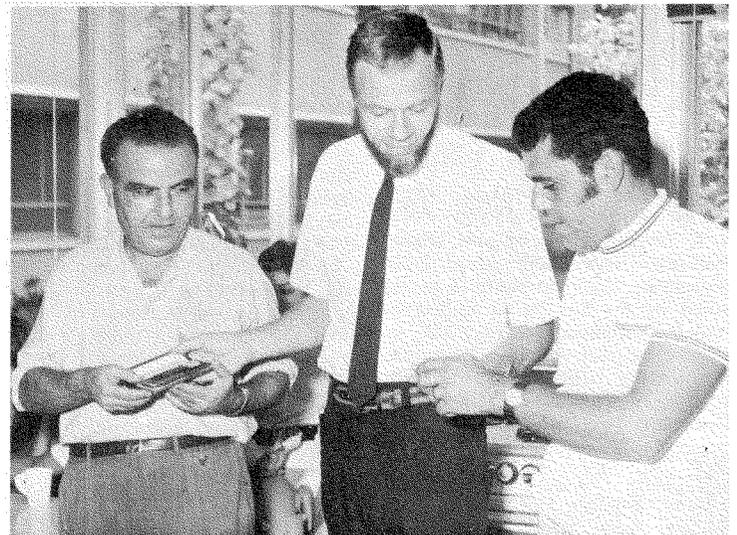
Lebanese National Day

The Lebanese National Day marks the anniversary of the declaration on November 22, 1943 of Lebanon's Independence from the French mandate.

Najemy is helping us," Bridi said, "because he sees in our projects something constructive."

"The Employment Bureau and the Second-Hand Bookshop will show to all that what we are doing is for the students and by the students," Bridi said.

"The Al Sana group," he added, "has no direct relations with any political party. What all members of the group have in common is the feeling that students as a group have the capacity to be constructive, starting from their university days and continuing in their later lives, for the advancement of our countries and the Arab world we live in."



The Department of Biology celebrated the awarding of ten-year and 30-year awards to Naaman Zoughaib and Archavir Manougian respectively. Zoughaib received a silver pin in recognition of his 10 years of service to the University as Storekeeper. Manougian, a Senior Laboratory technician, re-

ceived an engraved watch and a gold pin signifying his 30 years of service.

In the photograph Prof. Philip Basson, Chairman of the Biology Department, offering the awards, with Manougian left and Zoughaib right.

The Near East-Cradle of Civilization

On Wednesday, Nov. 10, Prof. Helga Seeden gave a lecture in the 1971 Area Lecture Series on "The Near East — Cradle of Civilization." The following are extracts from her lecture.

Traditionally civilization is associated with an advanced state of human society in which a high level of art, science, religion and government has been reached and which therefore presupposes the existence of some form of state; the first to be recorded are the well-known city-states of Mesopotamia and the Near East. This association of civilization with already advanced types of states excludes all forms of human societies prior to roughly 3000 before our era, a date which also coincides with the use of writing and hence with our earliest written documents . . . To go back to the origin or essential meaning of the word, "civil" and hence "civilized" implies (and I quote the dictionary) "the avoidance of rudeness towards others," a "positive, dignified, sincere and thoughtful consideration for others." The Latin "*civis*" implies, in its origin, meanings such as "dear," "worthy," "valuable." If applied to a society of man, it would include any human group or community, because communal life was much less possible in ancient times, than it is today, if the value or worthiness of the members of the group was not the basis of its solidarity . . .

The history of early man as a tool-maker, i.e. as a man handing on patterns of culture (of which we find only the material aspects or remains) to his descendants and planning his future survival with the help of these acquired patterns, is attested in the Levant from its outset. Early man's habitat were riverside terraces, shores of lakes and beach levels, and rock shelters or caves . . .

With the Upper Palaeolithic period *Homo sapiens sapiens* or modern man appears to have taken over the further development of man's culture . . .

The extreme specialization and aesthetic perfection of Upper Palaeolithic tools seems to indicate man's readiness for either cultural change or extinction, that is for a new challenge in which he could either prove his further adaptability by mastering it or else succumb . . .

The Levant and the Middle East in general provided the environmental conditions for the beginning in the experiments of early man with food production, because this area represented a climatically optimal zone in which the wild forms of plants and animals, later to be domesticated by man, occurred. The term Neolithic revolution is only

justified in as much as the adoption of a food-producing economy, although very slow and not general, actually meant a very superior, i.e. safer means of subsistence of society . . .

Agriculture meant at least partial settlement near the crops, villages grew up. The advance in architecture (see Jericho, Beidha, Byblos, Ugarit) clearly is the visible proof of an equal organization of communal life

Agriculture as an economic system became man's first efficient means of colonization of underdeveloped areas of the ancient world, that is areas still in a pre-agricultural stage and on a mere subsistence level of economy. Above all, culturally, food production meant man's gaining some sort of control over his environment . . .

Hence man was essentially concerned with the forces of nature and developed highly complex patterns of art, myth and ritual, all cultural symbols for essential realities . . .

Altogether agricultural societies made specialization possible, because a rich Neolithic village or town could afford advanced architecture (Jericho) and highly artistic pottery (Byblos, Ras Shamra, not to mention Hacilar or Hasnuna) which in its aesthetic value went far beyond mere utilitarian needs. It appears quite clearly now that it was in Neolithic societies, villages and towns based on a farming and stock breeding economy, that the art of writing took its rudimentary beginnings.

Agricultural societies specialized and grew into towns which like earlier villages became the economic and political centres. Towns grew into city-states which meant the gradual accumulation of specialist professions, which in turn meant that there was less and less room for the rural stratum of society which continued to live in their natural environment around the city-centres . . .

Urbanization did not supercede agriculture, since for a long time to come urban societies were to rely on farming as the basis of their economy.

Cultural developments which started with urbanization are still in progress. Socially and culturally urbanization meant the grouping together of larger populations in larger towns, the pooling of intellectual and labour forces. The progress lay in specialization and centralization. City-walls and other public buildings, temples and palaces etc. are clear evidence of communal efforts and presuppose a central authority.

Early urban centres show a clear division into social classes by professions. The perhaps most characteristic development of urban civilization is the incredible ad-

vance in metallurgy which really was the beginning of industrialization and planning on an industrial scale . . .

Conflicts in the Levant and the Fertile Crescent in general did not ever arise in ancient times between ethnic groups but between two basic social groups:

Urban populations, including agricultural groups, and nomadic peoples.

With every one of the periodic invasions of nomadic pastoralist groups, the Levant witnessed a temporary interruption or disturbance of the progress of urbanization, but never did the newcomers fall to be eventually urbanized themselves. The settlement of newcomers brought renewed urbanization during the 2nd millennium . . .

By the 1st millennium Levantine cities, particularly Tyre, illustrate that the process of urbanization could not be stopped or seriously retarded. Once man had begun to become urbanized, urban culture became independent and greatly effected further generations of man. Cultural, not biological specialization, had a definite impact on man . . .

It is mainly from an urban context that we can gain an idea of man's conception of the universe and other powers beyond his control. Urban religion shows us clearly that the urbanization of man went hand in hand with the urbanization of the gods or religion. The all-powerful earlier fertility or mother goddess of an agricultural village was gradually reduced to the status of a consort accompanied and protected by a nude and heavily armed male god representing more urban needs . . .

The urban gods were still basically nature Gods responsible for the well-being and prosperity of their worshippers. But with urbanization they had taken up other duties besides causing fertility. They were symbolically representing man's desires for superhuman protection of crops, animals and men: FERTILITY; of health and prosperity: HAPPINESS; of explorers, merchants and navigators: ENTERPRISE. Only the Greeks separated and catalogued their gods at a later stage. Hence their symbols for abstract but very real forces like STRIFE and LOVE, Ares and Aphrodites, were facing the problem of having to unite in an illegal Love affair. In the Levant LOVE and STRIFE were just two aspects of the same deity. Ba'l brings happiness and its opposite, victory and defeat, life and death. The Oriental goddesses Ashtarte and/or Anat were not only often interchangeable, but often practically fused into one deity with the same basic aspects as her made counterpart. I would go so far as to claim that the Oriental goddess

with her double functions "Ishtar-of-War and Ishtar-of-Love"—was herself basically just another aspect or manifestation of her male counterpart. Their functions are similar and often identical. They are both nature gods adapted to some of the sophisticated demands of urban life which man had created for himself. They are therefore really UNIVERSAL deities in a much wider sense than their statuettes may lead one to believe.

If progress means specialization, it carries within it the germs of stagnation and extinction. If specialization is not counterbalanced by the exchange of products, be they material or spiritual, objects or ideas, it soon ceases to be relevant to the needs of man, and hence progress becomes meaningless. Urbanization followed by specialization and industrialization have carried man so far into the future that one sometimes wonders whether the civilization of modern man still has anything in common with the original meaning of the word, which seems to have been close to the concern Neanderthal man appears to have had for the members of his society.

The Lebanese Press on AUB

The major local papers have diverted their interests on AUB to the academic activities and extra curricula programs of the university.

Al-Nabab, Nov. 14, wrote about the Special Evening Courses offered by AUB.

Nov. 12 was the exception with the local press concentrating on reporting what was said the previous day at Speakers' Corner. The reports confined themselves to quoting what the students had said. *Al-Nabab* mentioned that Speakers' Corner was directed by supporters of the ex-Student Council.

Child Health Course Ends

Thirteen pediatricians and MCH officers occupying key posts with Health Departments in eight countries of the Middle East Region attended the WHO/UNICEF/AUB Sponsored Refresher Course in Child Health (Post-Graduate Medical Symposium No. 13), which took place October 25-November 5. Among course participants was AUB alumnus Dr. Akbar Mohsin Mohammad (B.A. 1964, M.D. 1968), who appears in the picture center discussing the present status and future development of health services in Bahrain with course planners Dr. S. Najjar and Dr. J.K. Harfouche.

Fine and Performing Arts; Creativity and Quality

The Bulletin last week had the pleasure of interviewing some of the faculty of the Fine and Performing Arts Department.

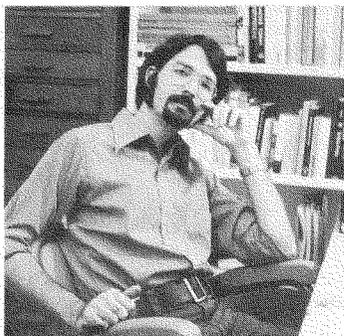
A total of 280 AUB students are enrolled in the three divisions of the department—Arts, Music and Theater—taught by six full-time and eight part-time faculty.

Views were expressed by Prof. Gordon Olson, Chairman of the Department, and Prof. Peter Harrison Smith. Prof. Olsen set the pace of the interview with the statement:

"The alienation of the individual is nothing but the result of the loss of his ability to express himself; as and art is one of the ways in which man does express himself only a sick society rejects art."

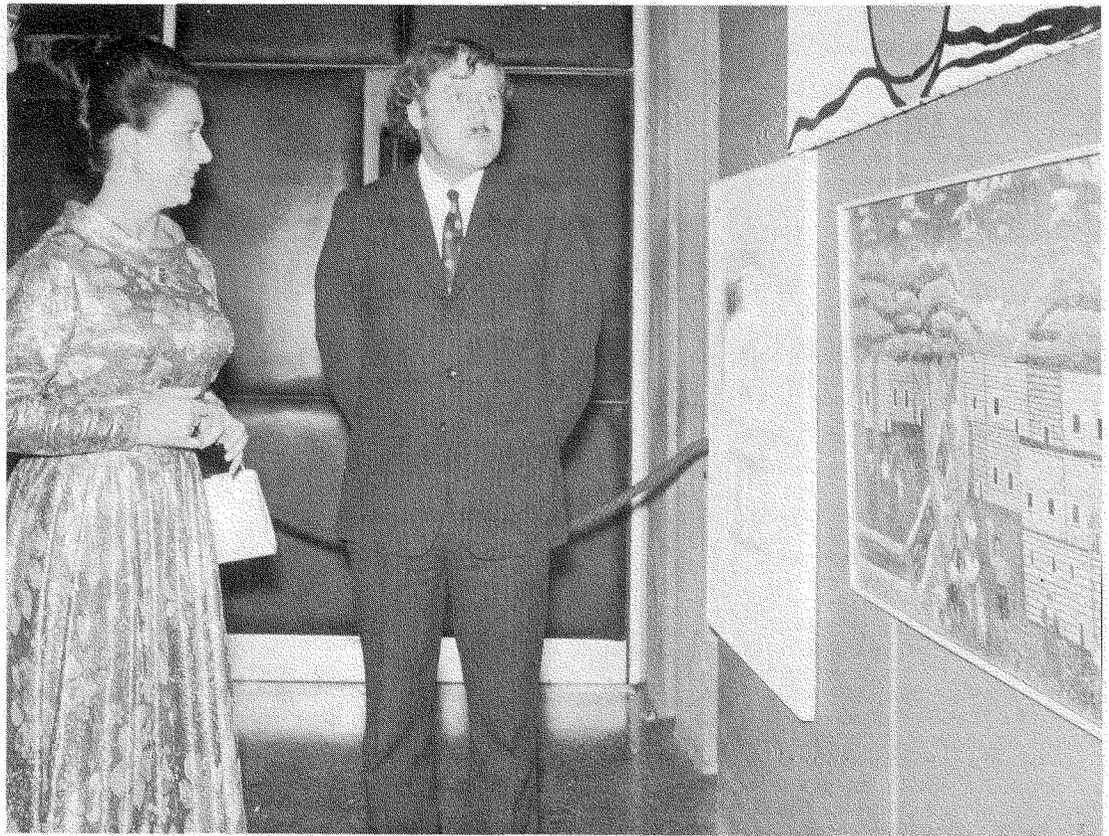


"There are some people who accuse the department of being a luxury," he continued, "but it is a luxury only to those who are not living like human beings. Art reflects the values of a culture, and there can be no culture without art. Man had art as a form of expression even when he lived in caves."



Prof. Peter Harrison Smith expressed it in this way: "In a spiritual vacuum life is impossible. It is the quality of life that matters, and in the countries of the Middle East, as anywhere else, the quality of living should not be neglected for the benefit of technology and material existence."

Looking into the role of art in society, Prof. Olsen takes a functional view. "Society," he says, "functions in a whole. If you take



In photo Princess Margaret and Prof. Carswell.

Prof. Carswell Lectures at Institute of Contemporary Arts

Prof. John Carswell of the Department of Fine and Performing Arts, AUB, was invited by the Director of the "World of Islam" Festival to choose fifteen painters from the Arab World for a group-show of their work at the Institute of Contemporary Arts (The Oriental Center) in London. The show consisted of paintings done by several Lebanese, Syrian, Iraqi, Palestinian and Sudanese artists. Among them were Helen Khal, Fateh Moudaress, Farid Haddad, Samia Osseiran, Khalil Zogheib,

Ismail Fatteh, and Ahmad Shibrine. The exhibition opened on November 11, 1971, and was attended by Princess Margaret and Sir Roland Penrose, the Director of the Institute of Contemporary Arts.

On November 13, 1971, Prof. Carswell gave a lecture on "Painting in the Arab World," which was an illustrated survey of painting in Islamic countries and its relation to the past.

On November 24, 1971, Dr.

Constantine Zurayk of the Archeology and History Department, AUB, will be giving a lecture on "Tensions in Islamic Civilization."

The festival will last for a month, and comprises an exhibition of photographs and analysis of Islamic Art; a series of performances under the direction of Mohamed Mirza; a series of performances by 40 of the Mehlevi Dervishes from Konya (their first time outside Turkey); and detailed lectures on Islamic art, philosophy, religion and thought.

one element out then there is imbalance. As art is one of the basic forms of expression and communication, society needs it in order to function."

"All types of art in the 19th and 20th centuries," he says, "have been leveling off the hierarchical structure of values. Hierarchical systems are absolute. When we live in such hierarchical system we are playing roles, we do not live a whole life. We cannot be complete. This is why youth of today is rebelling all over the world; it is rebelling against a hierarchy which is crippling the personality of the individual. This hierarchy is what art is trying to destroy, and we can now say that this hierarchy is on its way out, although the process is a painful one."

The role of the department in the University, and its contribution to society in general is defined by both professors, Olsen and Smith, as the promotion of creativity and discipline in students so that society benefits from the quality of its members, and art from the quality of its artists. In general, the methods used in instruction are conducive for the overall growth of the individual.

"We see the possibilities of the individual student and we concentrate on them," Prof. Olsen says. "Our teaching is directed to the individual in the class as well as to the class as a whole."

As a result of this concentration on the individual student, the students accepted by the department are chosen carefully.

"In the studio we follow the method of the dialogue," Prof. Olsen continues, "and for this reason we prefer small classes. Small classes enable us to develop individual relationships with the students." As Prof. Smith says, "The student is treated like an artist and in this way he begins solving fundamental artistic problems by himself, like an artist does. We encourage him and direct him to do so. Through courses which discipline, we try to create sophisticated artists."

The Department of Fine and Performing Arts offers a B.A. in Music and in Art. Although it is hoped that it will soon be possible to offer a B.A. in Theater, it has not yet been possible to complete the development of this degree program.

American University of Beirut bulletin

VOLUME XV, No. 7

THURSDAY, DECEMBER 2, 1971

Minister of Public Works Opens Seminar at AUB

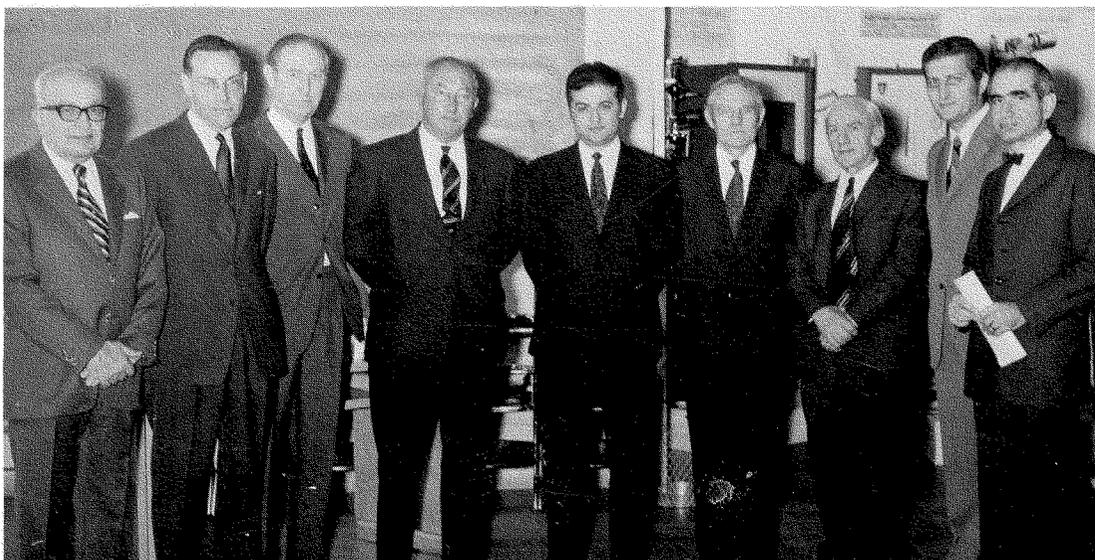


Photo shows (left to right): Prof. N. Manasseh, Chairman of the Organizing Committee of the Seminar; Dr D.G. Miller, Specialist on water treatment processes;

Mr A.N. Bruce; Dr B.A. Southgate, Former Director of the British Government's Water Pollution Research Laboratory; H.E. Dr Emile Bitar; Mr F. Flintoff,

Specialist in Industrial Pollution; Prof. George Ayoub, Assistant Professor of Sanitary Engineering at AUB, and Dean Raymond Ghosn.

His Excellency, Dr Emile Bitar, Minister of Public Health in Lebanon, opened on Nov. 23 the Seminar on "Water Pollution" organized by the Faculty of Engineering and Architecture at the American University of Beirut, in association with the Imperial College of Science and Technology, London.

Addressing the participants, the Minister said that his government

is very much concerned about the growing problems of pollution and that it greatly appreciates what is done by private institutions to provide for efficient sound solutions for such problems.

Dean Raymond Ghosn of the Faculty of Engineering and Architecture outlined the problems of pollution in the developing countries and spoke about the need in

these countries to learn from the experience of those countries that already went through the process of urbanization and industrialization.

Mr F.E. Bruce, the chairman of the British group of lectures, summarized the topics that are going to be covered in the seminar emphasizing their relevance to the problems of the area.

The Seminar extends till Dec. 4.

AUB Farm Receives 48 Heifers From USA

The Farm of the American University of Beirut received Thursday Nov. 25 a herd of 48 Guernsey heifers. The heifers, which arrived in Beirut aboard a TMA plane, are a gift of the Pacific Northwest Guernsey Breeders Association.

The donation marks the introduction of the first Guernsey herd into this part of the world. The Animal Production Department of the School of Agriculture at AUB will be able to considerably broaden the scope of research projects through the addition of the Guern-

sey heifers as a second breed for study. These prize cattle will also be instrumental in providing whole milk products for patient use at the University's Medical Center.

In early 1969, Prof. Anderson, Assistant Professor of Dairy Science at AUB, and L.W. Power of Burlington, Washington, began negotiations for the Gift Heifer Project. Their plan was enthusiastically received by the Northwest Breeders.

The choice herd was collected from various donors in Washington and Indiana by Prof. Ander-

son and, through the coordinating efforts of Unsworth and Company Freight Forwarders, the Guernseys began the cross-country segment of their journey on Sunday, Nov. 14. They were then transferred to a Trans-Mediterranean Airways cargo plane for the remainder of their trip to Beirut.

Prior to the Gift Heifer Project, there had been only one breed of cattle available for research at the University. The Guernsey herd will afford students an unprecedented opportunity to study dairy production, profitability, feed

Board of Trustees Appoints Finance Committee

At the fall meeting of the Board of Trustees a committee on University Finance was appointed with Howard W. Page as Chairman. Page will meet with members of the committee in Beirut immediately following his arrival on campus December 6th. Committee members include Parker T. Hart, David A. Shepard and Middle East Trustees, Shukri Shammass, David S. Dodge, Sheikh Najib Alamuddin, Farid Sa'd and President Kirkwood.

The committee will review the immediate and long-range financial planning of the University, particularly as to financial resources and expenditures. The University has long recognized the necessity for a broader financial base for its program and launched the Centennial Fund Campaign three years ago to stimulate both alumni giving and support from foundations and corporations. It has become increasingly clear that additional efforts are needed to attract funds from new sources. The Committee expects to study financial resources in relation to the program demands needed in the area.

Founders' Day

Speaker: Dr Hisham Nashabi, Director General of Education at the Maqassed Association in Beirut, University Chapel (Assembly Hall), Friday, Dec. 3, 1971 at 10.00 a.m.

No classes will be held between 10.00 and 11.00 a.m. on that day.

efficiency, and breeding. In addition, a wide range of projects to determine consumer-preference with regard to the dairy products of the two herds will be implemented.

The Guernsey was specially chosen for introduction at AUB because of its exceptional feed efficiency and tolerance to subtropical heat. It matures more rapidly than larger breeds and begins producing at a level nearer its peak production than other dairy cattle. These factors make the Guernsey ideal for AUB's Experimental Farm in the Beka'a Valley.

Coming Events

SATURDAY, DEC. 4

Jazz Concert (Several Known Jazz Bands). West Hall Auditorium. By tickets: LL.5 and 3. 3.00 p.m.

SATURDAY, DEC. 4

The J.M. Synge Centenary Exhibition will be opened by Sir Desmond Cochrane, Honorary Consul of the Republic of Ireland, at 11.30 a.m. in the Exhibition Gallery of Jafet Memorial Library.

SUNDAY, DEC. 5

"Readings From Anglo-Irish Literature," by Christopher Scaife, Professor Emeritus at AUB. West Hall, 8 p.m.

SUNDAY, DEC. 5

The Fine and Performing Arts Department will present Prof. Mercedes Reinsich-Janetsky, Professor at the Music Academy in Graz, Austria, in a Demonstration-Concert about J.S. Bach's "Well-Tempered Clavichord" Assembly Hall, 11 a.m.

SUNDAY, DEC. 5

Dialogue in Theology and Culture "Is there a Divinely-Established Order for Society?" Speaker Prof. Verne Fletcher of the Near East School of Theology. At the Near East School of Theology, 7.30-9 p.m.

MONDAY, DEC. 6

The AUB SYMPHONIC BAND will present its "Winter Concert" in Assembly Hall, 8 p.m. under the baton of Prof. Allen Hovey. This year's concert includes such items as the themes from "Love Story" and "Bonanza." Tickets for the Band Concert available at West Hall Box Office.

MONDAY, DEC. 6

"An Introduction to John Millington Synge," by Prof. Subeil B. Bushrui. West Hall, 5 p.m.

TUESDAY, DEC. 7

Piano Recital — By Hans Petermandal. Assembly Hall, AUB. Tickets: LL. 15, 10 and 7. 8.30 p.m.

WEDNESDAY, DEC. 8

1971 Area Lecture Series "The Palestine Question," Prof. Mahmoud Zayid. Faculty Lounge, Ada Dodge Hall, 8 p.m.

Christmas Musicales Set. For Dec. 23

The Fine and Performing Arts Department will present its twenty third annual Christmas Musicales on Thursday, December 23rd at 8.00 p.m. in Assembly Hall.

The University Choir and Soloists with orchestra and organ conducted by Prof. S. Arnita will perform excerpts from Mendelssohn's Hymn of Praise and other appropriate Christmas music.

Invitation tickets are available in West Hall Office on Monday, Dec. 20th.

BCW to Present Christmas Concert

Under the distinguished patronage of H.E. Dr Najib Abou Haidar, Minister of Education, the Beirut College for Women presents at Irwin Hall a Christmas Concert with the Beirut Orpheus Choir and the Chamber Orchestra conducted by Alvarez Bulos. The concert is in aid of the BCW Development Fund, and will take place on Wednesday, Dec. 15, at 8.30 p.m.

The program will include Charpentier's Messe de Minuit, Vivaldi's Beatus Vir, Mozart's Selections from Coronation Mass, and Carols.

Children's Christmas Party

The Women's Association of AUB invites all AUB children to the "Children's Christmas Party" on Dec. 14. Meeting place is at the Main Gate, at 5 p.m. President Kirkwood will light the Campus Christmas Tree, after which we will proceed to the Chapel where our good, old friend Santa Claus awaits us. Christmas festivities include a play to be enjoyed by all.

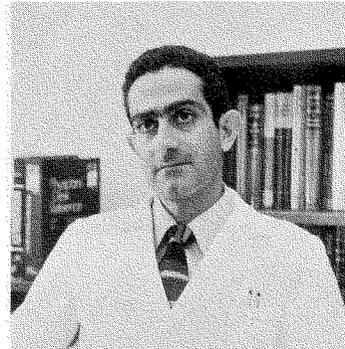
Prof. G.E. Mendenhall to Lecture on "Scientific Analysis of Undeciphered Ancient Documents"

George E. Mendenhall, Professor of Near East Languages at the University of Michigan will speak Thursday, Dec. 9, on SCIENTIFIC ANALYSIS OF UNDECIPHERED ANCIENT DOCUMENTS.

Professor Mendenhall is in the Middle East examining the original text of ancient languages which have been found on tablet fragments, leather and other materials.

The lecture, sponsored by Sigma Xi, will take place at 8 p.m. in the Faculty Lounge, Ada Dodge Hall.

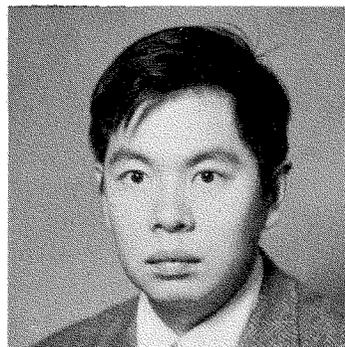
New Faculty



Dr Bassam Y. Barakat, a graduate of the AUB Medical School, has been appointed as Assistant Professor of Obstetrics and Gynecology, School of Medicine.

After graduation, Dr Barakat did his postgraduate training as a resident in Obstetrics and Gynecology at the American University Hospital. He then received a fellowship for the John Hopkins University School of Medicine where he worked on prenatal genetic counseling, prediction of fetal sex, and detection of congenital malformations by the study of amniotic fluid.

His research interests are on intrauterine diagnosis of genetic diseases and cytogenetic problems in obstetrics and gynecology. He has published several articles in the field of cytogenetics.



Prof. I-Ming Tang, originally from China, joined the Dept. of Physics at AUB.

After receiving his B.S. in physics at the University of Chicago he went to the University of Cincinnati where in 1969 he earned his Ph.D. in physics.

Professor Tang served at Reed College, Portland, Oregon, as Assistant Professor and at the University of Cincinnati, Ohio, as Teaching Assistant.

His research interests are in the area of superconductivity in the transition-metals. He has published several articles on professional journals.

Professor Tang, 31, is married and has a two-year old son, Mark S.W.

"What's The Answer?"

To be of further service to the AUB community, the Bulletin will welcome questions dealing with AUB. The Bulletin will attempt to obtain the information to answer such questions.

Questions must carry the name and address of the author.

Send questions to "What's the Answer?" Editor, AUB Bulletin, College Hall.

The Answer

Question: Why is AUB buying land if there is difficulty in meeting the budget?

Answer: As a result of the present University financial position and budgetary limitations, the Board of Trustees during its meeting of June 1971 resolved that land purchase actions be specifically limited for the near future. Although the funds for land transactions have not been appropriated under the University operating budget, the Board felt that it would be inappropriate to make additional purchases of land at this time.

Chapel Services

Services are held at the University Chapel on Sundays at 9.30 a.m., throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker.

Prof. Sakkal to Present Paper at ASME Meeting

Prof. F. Sakkal, Associate Professor of Mechanical Engineering, left for the US on Nov. 22. Prof. Sakkal will present a paper on "Fiber Optics Probe for Measurements in Emitting Absorbing Flames" at the 92nd Winter ASME Annual Meeting which will be held in Washington D.C. He will then proceed to the University of Minnesota to discuss with Prof. E. Pfender, of the Mechanical Department, the progress made during the last two years on the subject of Flame Radiation at the Heat Transfer Division of the University of Minnesota.

The AUB Bulletin is the official weekly news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during holidays, by the Office of Information, College Hall 306.

Editor: Hilmi Malouf.

Reporter: Alexandros Vikis.

AUB Farm Dairy Science Program Updated

Consistent with its basic policy of keeping its program attuned to the needs of the Region, the Faculty of Agricultural Sciences at AUB decided a little over two years ago to strengthen and update its Dairy Science program.

The dairy facility at the University Farm was remodelled and expanded and will soon comprise a comprehensively equipped milk processing plant. Meanwhile the use of frozen semen was introduced to upbreed the existing herd of Holstein-Friesian cows and for a more effective teaching and research program in dairy production it was decided to develop a two-breed herd.

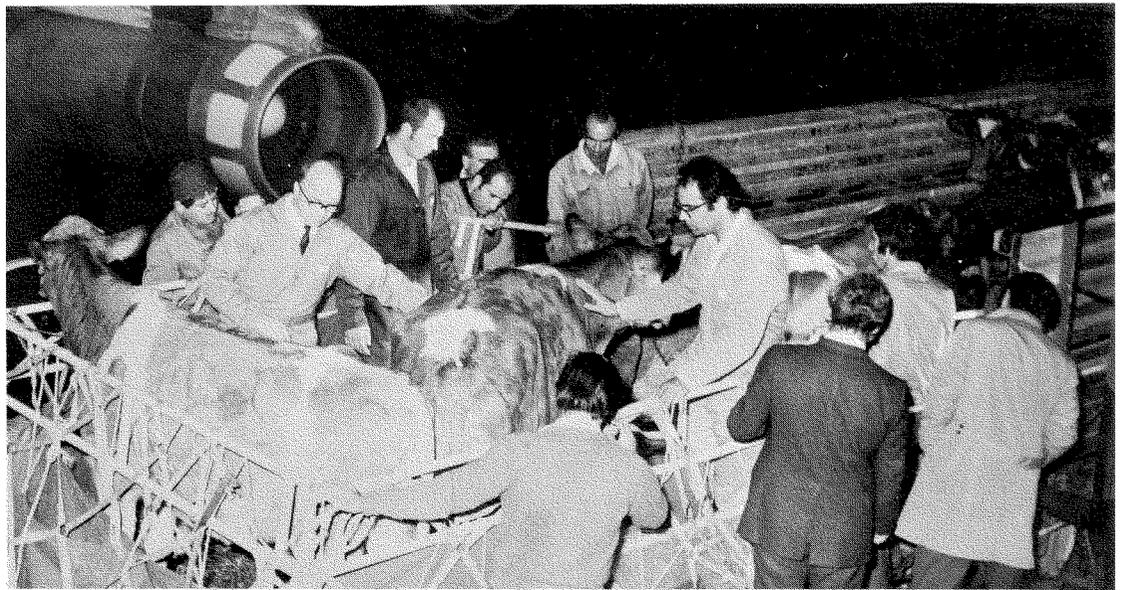
Informed of the efforts made by AUB and of their objectives, members of the Guernsey Breeders Association of the USA offered to donate heifers of their best selection to assist in building up the University herd. Although the Guernsey breed has not yet been tested in the Middle East it was felt, on the basis of its performance in the USA, that it should do well in most of the climatic zones of the Middle East, including those of the sub-tropical areas.

Thus 48 Guernsey heifers were donated, gathered and trucked into New York to be loaded on a TMA charter plane and flown into Beirut.

In the Region that AUB has been serving for the past century there live today upward of 250 million people in 19 different countries.

According to figures published in 1970 by the United Nations, the cattle population of this Region exceeds 76 million head. These animals, plus the sheep and goats raised in the same area, produce over 23 million metric tons of milk annually. Most, if not all, of this production is handled by rural populations with limited education and certainly no knowledge of the requirements of dairy production and technology for industrialized and urbanized communities.

Meanwhile, countries throughout the Region are undergoing deep demographic, social and economic changes which are creating tremendous pressures on foods of animal origin. The new markets thus created instead of encouraging milk production are discouraging the present dairy farmers who are being unable to phase their operations from the traditional methods to modern, sanitary and commercial ones. Increasingly more of the milk produced within the countries is unable to reach the consumers in a satisfactory state, and an ever increasing larger



portion of their respective populations is being forced into the use of imported powdered milk and other dairy products at a high cost in hard currency. Even in a country so small as Lebanon the logistics required for the marketing of sanitary milk has been nearly unsurmountable.

Governments in the Region are gradually realizing the magnitude of their new needs for an increased milk supply and are trying various approaches to meet the problem.

The Faculty of Agricultural Sciences of AUB is convinced that educating young people from the Middle East to the intricacies and sophistications of modern milk production, processing and marketing should be one of the most effective means of helping Lebanon and the neighbouring countries in deciding what kind of policies they will develop regarding their dairy industries.

Seminar on Pollution Held in Syria

A seminar to discuss "Pollution of the Eastern Coast of the Mediterranean" was held in Damascus between Nov. 8-11 at the request of the Syrian government. This seminar was attended by delegates from the Syrian Arab Republic, Cyprus, Tapline and Iraq Petroleum Company. AUB was represented by Prof. A. Acra (School of Public Health), Prof. G. Ayoub (Faculty of Engineering and Architecture) and Prof. Jack Ibrahim (School of Public Health). The participants were asked to restrict their discussions to pollution by oil.

In this seminar the AUB delegation presented a study carried out at the University on the Pollution of the Lebanese Shores by oil and bacteriological contaminants. This presentation had a considerable impact on the participants and

other delegations expressed their wish to cooperate with AUB in carrying out similar studies along their shores.

In the discussions that followed, the AUB delegation took active participation, and in the closing session submitted a list of draft proposals to be considered as final recommendations. Among these proposals was one that called for the establishment of a regional organization of an executive nature, with membership open to all maritime countries of the Mediterranean sea, that will deal with all matters related to the pollution of the Mediterranean with oil. The envisaged functions of such an organization were enumerated. The list of proposals submitted by the AUB delegation was adopted fully as part of the final recommendations of the seminar.

J.M. Synge Centenary Commemoration Activities from Dec. 4 to Dec. 15

Under the patronage of Sir Desmond Cochrane, Honorary Consul of the Republic of Ireland, the Synge Centenary Commemoration will take place in AUB from Dec. 4 to Dec. 15.

As a part of the Commemoration activities, a Centenary Exhibition will take place in the Exhibition Gallery of Jafet Memorial Library. The exhibition will be officially opened by Sir Desmond at 11.30 a.m. on Saturday, Dec. 4. Sir Desmond will then present to President Samuel B. Kirkwood a collection of books and records from the Cultural Relations Committee of Ireland to the American University of Beirut.

The exhibition will illustrate selected aspects of the life and work of J.M. Synge. Over 100 photographs of people, places and events in the playwright's lifetime will be exhibited. Also included in the exhibition will be a number of editions of Synge's works, a selection of critical studies and a selection of books of Ireland, her history and civilization. The exhibition will remain open from Dec. 4 to Dec. 11.

Centenary Readings and Lectures will be another of the programs of the Commemoration. In this program, Christopher Scaife, Professor Emeritus at AUB, will give readings from Anglo-Irish literature, on Sunday, Dec. 5, at 8 p.m. in West Hall. Prof. Suheil B. Bushrui, Chairman of the Department of English, will present an Introduction to John Millington Synge. The lecture, in Arabic, will be on Monday, Dec. 6, at 5 p.m. in West Hall. Prof. William Bickers, of the Department of Obstetrics and Gynecology, AUB, will lecture on Monday, Dec. 6, on East meets West in Ireland. The lecture will be in West Hall, at 8 p.m.

Finally there will be a Centenary Performance by Maurice Good, in "John Dymge comes next," adapted from the works of J.M. Synge by Maurice Good. The performance will take place Wednesday, Dec. 15 at West Hall, 8.30 p.m. Admission to the performance will be by ticket.

Synge Centenary Committee

The Synge Centenary Committee (Beirut) consists of Professors S. Bushrui (Chairman), B. Alsleben, W. Bickers (Treasurer), N. Bratton, A. Melikian; the Secretary is J. Bridgwood; other members are A. Choukassizian, F. Haddad, M. Milecki and A. Sabri.

Minister of Education Opens Geology and Petroleum Exhibition



H.E. the Minister of Education Najib Abou-Haidar opened the Geology and Petroleum Exhibition in West Hall on Nov. 23. Present at the opening were AUB President Kirkwood and other University officials.

About 15 firms participated in the exhibition which attracted many visitors. The exhibition ended on Nov. 28.

In photo H.E. the Minister of Education Najib Abou-Haidar (left), the Chairman of the Geo-

logy Department Prof. Beydoun (center), and President Kirkwood (right).

John Millington Synge

1871-1909

JOHN MILLINGTON SYNGE, the leading Irish dramatist of his time, was born in a suburb of Dublin on April 16, 1871. After studying at Trinity College, Dublin, he travelled widely in Germany, Italy, and France. While studying in Paris in 1896, he met William Butler Yeats, who suggested that he should abandon all plans of becoming a critic and return to Ireland to seek inspiration in the life of the Aran Islands, "a life that had never been expressed before."

Synge accepted Yeats's advice and spent long periods among the people of Aran, absorbing their stories, their attitudes and their earthy, naturally poetic language. His travels through the western countries of Ireland with Yeats' painter-brother, Jack, further stimulated his imagination and became a major source of his inspiration. In Dublin, Synge joined W.B. Yeats and Lady Gregory, both of whom were passionately interested in promoting native Irish drama, and when their newly formed National Literary Theatre became the renowned Abbey Theatre in 1904, Synge was one of its directors.

Because he was beset by serious

illness and a childhood plagued by ill-health, Synge's literary career was brief. His reputation and influence rest on the six plays he wrote for the Irish Dramatic Movement: *The Shadow of the Glen* (1903), *Riders to the Sea* (1904), *The Well of the Saints* (1905), *The Playboy of the Western World* (1907), *The Thinker's Wedding* (1908), and *Deirdre of the Sorrows* (1910), which was left unfinished at the time of his death in Dublin at the age of 38.

John Millington Synge was the first playwright to raise the common Irish idiom to a high dramatic form of expression. Although all his plays are set in essentially Irish surroundings, their significance is universal: his tragedy is as poignant to an audience in Beirut as it is to an audience in Dublin; his comedy moves its viewers as readily in Tokyo as in New York. In his plays, as well as in his stories of the Aran Islands, he presents the dramatic conflict of humanity with its feet in the mire and its head in the stars.

Now, a century after his birth, not only Ireland but all the English-speaking world, whose language and literature he enriched, pays tribute to his achievement.

AUB Chemical Society- Syndicate of Chemists Organize Exhibition

The Syndicate of Chemists in Lebanon in collaboration with the Chemical Society at AUB organized an exhibition on the Chemical Industries and Scientific Equipment which was held at the Industry Institute in Beirut under the high patronage of His Excellency President Suleiman Franjie.

The exhibition was opened on Saturday Oct. 23, 1971 at 4 p.m. by H.E. Kamal Khuri, Minister of Public Works, who represented President Franjie.

Thirty four firms participated and seven scientific lectures were presented during the exhibition.

Abstracts on these lectures were published in a booklet entitled CHEM-EX 71, which was distributed to all Syndicate members, visitors, and to exhibitors.

Books Donated to Faculty of Agriculture

Several valuable books on applied entomology were recently presented to the Faculty of Agriculture by Halim Najjar, Chairman of the Board of the Lebanese Institute for Agricultural Research, Ministry of Agriculture. The books were received by Dean Swenson and Prof. A. Talhouk, Professor of Entomology.

American University of Beirut bulletin

VOLUME XV, No. 8

THURSDAY, DECEMBER 9, 1971

Professor Nashabi Lauds Traditions of AUB

"During these past years, the American University of Beirut has established for itself traditions of learning, of behaviour, and of excellence which give it its most important characteristics, and which make the pride of its founders

The American University of Beirut celebrated Friday its founding 105 years ago on Dec. 3 1866. Prof. Hisham Nashabi, Director General of the Maqassad Association in Beirut, and an AUB alumnus, addressed the assembled faculty, students and friends of the University.

The University Chaplain, Rev. Robert C. Walker Jr. opened the convocation at the Assembly Hall with a prayer and was followed by President Samuel B. Kirkwood who made some opening remarks and then introduced Prof. Nashabi to the audience.

"The ceremonies marking the opening of the College on Dec 3, 1866," President Kirkwood said, "were simple and brief. Then Dr. Daniel Bliss gave his thanks for the opportunity to begin a new educational venture and today we give ours for the century of life we have had since then."

"The College was five years old," President Kirkwood said, "when Dr. Bliss made his most famous statement, beginning, 'This College is for all conditions and classes of men.'" "It is clear," President Kirkwood continued, "that Daniel Bliss was thinking of everybody in the very particular sense that everyone has rights that must be respected by everyone else."

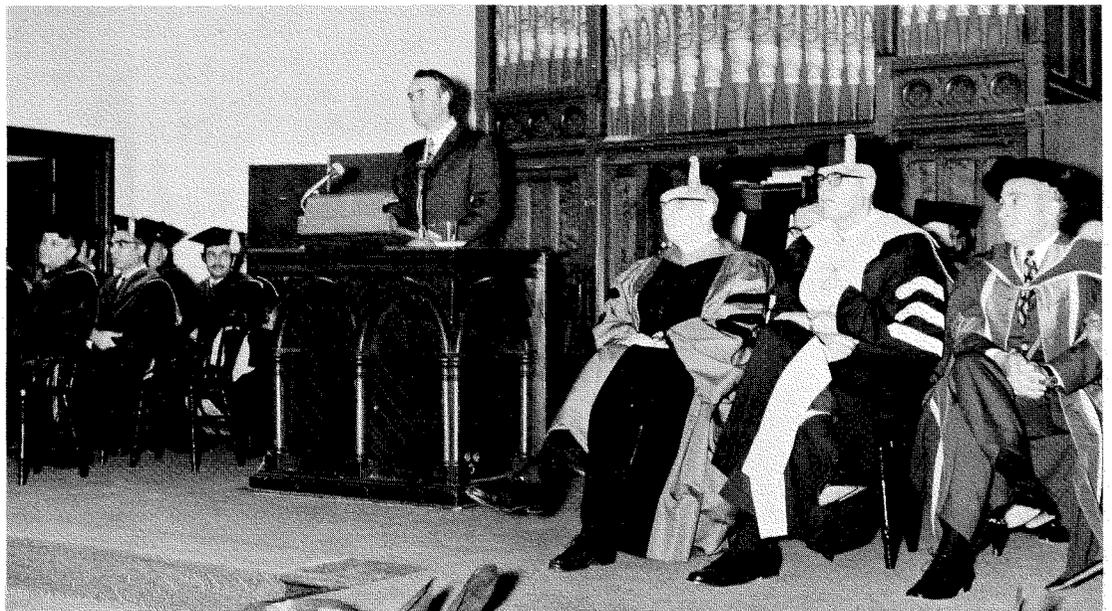
"One can recognize in this statement the concept of freedom of thought as the very foundation of the young College."

"Daniel Bliss did not state what he believed to be 'the truth,'" he said. "But I believe I can tell what he would have said, for there are certain truths that are basic and eternal:

the dignity of man himself
tolerance to others
the objectivity of facts
freedom of thought and freedom of expression—both, however, within the limits of the self-discipline and respect for the freedom of others."

"Belief in these is the essence of the life of the student and the

and present workers. These traditions have not prevented our University from becoming one of the most modern, if not the most modern institution of higher learning in the Middle East. Indeed, these traditions were the guarantees of its continued progress."



teacher at the University. All else would belie its name and purpose," President Kirkwood said.

In his address, Prof. Nashabi concentrated on the question of "When the University becomes modern, what does it do to its tradition?"

"This University has a tradition of involvement," Prof. Nashabi said. "From the outset it was deeply involved in the problems of the Arab world . . . Things cannot be otherwise today or in the future, if the University is to continue as a source of 'abundant light.'"

"This University has also been, since its inception, God-conscious," he continued. "Should at any time become less God-conscious, it will signify a fundamental human failure among the elite of this University."

"The University has also a tradition of renovation," Prof. Nashabi said. "With the growth of national Universities, the role of the American University of Beirut is not only to give an example of, or

Arts and Sciences Faculty Decides On New Grading System

During a recent Arts and Sciences Faculty meeting several decisions were taken concerning the grading system, future activities of the Advisory Committee and other subjects.

The Dean of Arts and Sciences announced that the Advisory Committee, after consultation with Prof. C. Zurayk, had decided to hold a series of panel discussions in which different Arts and Sciences committees would present important issues. Admission, Curriculum, Teaching Effectiveness, were among the topics suggested. This decision was based on suggestions which were made at the May Faculty meetings regarding the need of the Faculty to deal with fundamental issues.

The Curriculum Committee presented two motions:

1. That final course grades be expressed only in multiples of the number five, ie 100, 95, 90 . . . 45, 40.

The vote was carried by a 2/3 majority.

2. That the equivalence, shown on the official undergraduate transcript of grades, between our grading system and the letter-grade system, be changed to read: Excellent: 100 and 95(A+) and 90(A); Good: 85(B+) and 80(B); Fair: 75(C+) and 70(C); Weak: 65(D+) and 60(D); Fail: below 60(F).

It was voted to return the above motion to the Curriculum Committee for further study.

(For the full text of Prof. Nashabi's address see inside page).

Campus Events

FRIDAY, DEC. 10

Concert by Hannover Chamber Orchestra. Assembly Hall, 8.30 p.m. Tickets LL. 15, 10, 7.

SUNDAY, DEC. 12

Dialogue in Theology and Culture.
"Which God is Dead?" Speaker Chaplain Robert Walker of the AUB. Respondent Prof. John Markarian, President of Haigazian College. The Near East School of Theology, Rue Artois, 7.30 p.m.

MONDAY, DEC. 13

Byron Porter Smith Lecture Series.
"Thomas Moore and Byron," Lecturer Prof. B. Blackstone. West Hall Lecture Hall, 8 p.m.

Chapel Services

Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker.

Alumni Club's Christmas Activities

The Bingo Evenings Season. On Saturday Dec. 11 and Dec. 18, at the Alumni Club, 8.30 p.m. Christmas Program.

Alumni Children and their friends are invited to this special Christmas program. There will be Games, Prizes, Lottery, Refreshments, and, of course, Father Christmas.

On Thursday, Dec. 23, 3 p.m. at the Alumni Club.

Call the Alumni Office (Tel. 340817) for reservations and tickets before Dec. 16, between 8-12 a.m. and 2-5 p.m. A charge of LL. 4 is collected for presents.

New Year's Eve at the Alumni Club.

Dinner and Dance. Open to Alumni and their Friends. Reservations must be made before Dec. 38. Tel. 340817/8/9.

The AUB Bulletin is the official weekly news publication of the American University of Beirut, Lebanon. It is published weekly, except during university holidays, by the Office of Information, College Hall 306.

Reporter: Alexandros Vikis.

Professor Mendenhall to Lecture on Ancient Documents

George E. Mendenhall, Professor of Near East Languages at the University of Michigan, will speak Thursday, Dec. 9 on "Scientific Analysis of Undeciphered Ancient Documents."

Prof. Mendenhall is in the Middle East examining the original text of ancient languages which have been found on tablet fragments, leather and other materials.

The lecture, sponsored by Sigma Xi, will take place at 8 p.m. in the Faculty Lounge, Ada Dodge Hall.

Annual Christmas Musicale on Dec. 23

The Fine and Performing Arts Department will present its 23rd annual Christmas Musicale on Thursday, Dec. 23 at 8 p.m. in Assembly Hall.

The University Choir and Soloists with orchestra and organ conducted by Prof. S. Arnita will perform excerpts from Mendelssohn's Hymn of Praise and other appropriate Christmas music.

Invitation tickets are available in West Hall Office on Monday, Dec. 20.

Children's Christmas Party on Dec. 14

The Women's Association of AUB invites all AUB children to the "Children's Christmas Party" on Dec. 14.

President Kirkwood will light the Campus Christmas Tree, after which we will proceed to the Chapel where our good, old friend Santa Claus awaits us. Christmas festivities include a play to be enjoyed by all.

Meeting place is at the Main Gate, at 5 p.m.

BCW to Present Christmas Concert

Under the distinguished patronage of H.E. Dr. Najib Abu Haidar, Minister of Education, the Beirut College for Women presents at Orwin Hall a Christmas Concert with the Beirut Orpheus Choir and the Chamber Orchestra conducted by Alvarez Bulos.

The concert is in aid of the BCW Development Fund, and will take place on Wednesday, Dec. 15, at 8.30 p.m.

The program will include Charpentier's Messe de Minuit, Vivaldi's Beatus Vir, Mozart's Selections from Coronation Mass, and Carols.

New Faculty



Professor Cynthia Mallory has joined AUB, School of Medicine, as a visiting Professor in Nursing.

In 1931 she earned the A.A. in Andrew College, and subsequently she earned the A.B. in Sociology in Scannett College, the Diploma from John Hopkins Hospital, School of Nursing, and in 1957 the M.A. at Columbia University.

Prior to her joining AUB Professor Mallory served from 1946 to 1951 as an instructor at John Hopkins Hospital, School of Nursing; from 1951 to 1957 she served as an instructor in New York-Connell; and from 1957 to 1971 she served as an Associate Professor in Ailanta.

Professor Mallory is a member of the Chi Delta Phi, Pi Gamma Mu and Sigma Theta Tau Societies.

Agriculture Profs attend Scientific Meetings

Dean Swenson, Prof. Nightingale and Prof. R. Tannous of the Faculty of Agriculture participated in the 1st. National Food and Nutrition Seminar that was held in Nicosia, Cyprus during Summer. The Seminar was held under the joint efforts of the Government of Cyprus and the FAO-WHO-UNESCO-UNICEF agencies. The purpose of the Seminar was to come up with recommendations to the Government of Cyprus for the development of a Food and Nutrition Policy for the country. Dean Swenson presented a paper on "Contribution of Modern Agricultural Methods to Food Production."

Professors Ray Nightingale and S. Thomas Stickley, of the Department of Agricultural Economics and Rural Sociology, Faculty of Agriculture, attended the summer meetings of the American Agricultural Economics Association held at the Southern Illinois University. Prof. Nightingale presented a paper titled "Dairy Modernization as a Means of Nutritional Improvement—Some Developmental Considerations" in a Sectional Meeting on International Agriculture, with emphasis on problems of international technological transfer in agriculture and the resultant "second generation" problems.



Egia Frayha, Head Clerk of the Preservation Section of Jafet Library, was recently presented an award for 25 years' service in AUB.

Having joined the University staff in 1946, Frayha as served all

her time in the Jafet Library, Preservation Section.

Photo shows (left to right) : Provost Samir Thabet, Egia Frayha, Ritchie Thomas, Associate University Librarian, and Francis Kent, University Librarian.

Founders' Day

American University of Beirut

December 3, 1971

An address by Dr. Hisham Nashabi, Director General of Education at the Maqassed Association in Beirut and Professor of Arab and Lebanese History at the Lebanese University of Beirut; M.A. 1955, Ph.D. 1958 in Islamic Studies at McGill University.

Mr. President, Distinguished Professors, Ladies and Gentlemen:

On this eminent occasion, it is an honour for a graduate of the University, to be given the opportunity to address this distinguished audience.

To those of my professors, today present, and to those the result of whose work only remains, I take this opportunity to express a deep feeling of gratitude.

It is in such expression, and on such an occasion that one becomes more conscious of the continuity in time, and in the spirit of this University.

Rather than creating a gap, time seems today to build a bridge between the first class which was organized on this campus and every class now in session.

Yet, what a great difference between today and those early days! If change is a sign of life, as it certainly is, then this University has been very much alive during the past hundred years or so. The vast academic activity, the great increase in the number of students and professors, and the growth of the physical structures of the University would have amazed, and in some respects, would have even shocked, the founders, whose memory we are today celebrating.

But what a great resemblance as well, between those early days and today! For today in our University, just as in those early days, a ferment of new ideas, new trends in every walk of academic life, equally revolutionary and equally a source of anxiety for the learned and the learner, in education and in a society at large, are taking shape.

When the Ottoman educational system was, reluctantly, taking the French educational system as a model, the establishment of a college on the American pattern, by Protestant missionaries, was, to say the least, a foolhardy venture.

The matching of western, I understand essentially Christian culture, with Arab, at that time essentially Muslim culture, was considered as revolutionary as it was vain. Some thinkers, to this day, still contest the validity of such an enterprise.

This makes us all the more appreciative of the spirit of mission and dedication of the founders of this university.

Yet, we must admit, that towards these great pioneers of education, we experience an ambiguous feeling; the personality of Daniel Bliss and his associates, seems to have acquired through the years, a mystical significance; may be, after all, the fact that a century separates them from us, and the formidable fact that times have changed so drastically during this past century, has thrown between us a thick veil: it is our responsibility on this occasion to remove that veil.

During these past years, the American University of Beirut has established for itself traditions of learning, of behaviour, and of excellence which give it its most important characteristics, and which make the pride of its founders and present workers. These traditions have not prevented our University from becoming one of the most modern, if not the most modern institution of higher learning in the Middle East. Indeed, these traditions were the guarantees of its continued progress.

However, the following question may still be asked: When the University becomes modern, what does it do to its tradition?

To many of us, tradition has come to mean a relic of the past and an obstacle in the way of modernization. But there is no doubt, even in the minds of those who are weary of tradition, that its influence will remain, indeed must remain, a potent factor in our life. Should new circumstances conspire to break with its tradition, the very existence of this University will then be put in serious jeopardy.

On the other hand, to uphold tradition to the extent of seeing in it, the be-all and the end-all of our endeavour, will lead to an equally unhappy predicament.

Let me, therefore, in all humility, propose what I consider to be the traditions of this University which it is our responsibility to uphold.

First of all, this University has a tradition of involvement. From the outset it was deeply involved in the problems of the Arab World; every development, every social issue, every aspiration, has found a vivid echo among its students and faculty. The history of the American University of Beirut is that of the joys and woes of this part of the world during the last hundred years. Things cannot be otherwise today or

in the future, if the University is to continue as a source of "abundant light." Any attempt to uproot the university from, or to weaken its ties with its social environment will be an unfortunate aberration.

This University has also been, since its inception, God-conscious. It would be a departure from its worthy tradition if it were some day to give way in front of the rising tide of atheism in modern society, or to encourage a skeptical attitude towards the inherent values or doctrine of any religion. Should we at any time become less God-conscious, it will signify a fundamental human failure among the elite of this University; that this so-called elite has been unable to overcome its baser instincts, and has capitulated to atheism or atheistic tendencies.

The allegation that youth is in favour of such tendencies is untrue. It is my firm conviction that youth all over the world, and more particularly in this part of the world, is essentially religious, idealistic and basically concerned with moral issues. Its insistence that justice be done, and that freedom be safeguarded, even the charge of hypocrisy level against the older generation, are proofs of the idealism and concern of youth with moral issues.

The dilemma of our youth lies in its tendency to imitate the superficial aspects of western civilization, and to rejoice at scientific achievements irrespective of their effects on society. At this stage of our development when science seems to have reached an unprecedented sway over society, it may be the right time to become more God-conscious and, at the same time, to make a thorough study into the pathology of modern science.

This University has also a tradition of renovation. This tradition is to my mind of the greatest importance for Lebanon today. With the growth of national universities, the role of the American University of Beirut is not only to give an example of, or to define, the problems that face University life but to contribute positively to their solution.

These problems include, new trends in the relationship among the different organs that make up the University, and the role of private education at all its levels, in the educational life of Lebanon. In finding answers to these problems, and to many others which the future will bring, this University must play a pioneering role similar to that it has played in years gone by.

The new currents in educational theory and practice, irrespective of their countries of origin, have always found in this University continued and close attention. These new currents are especially important for developing countries. This is not to say, of course, that every new current is necessarily good or suitable for our purposes. Indeed, some of these new currents have already proved their failure, while the evidence in favour of others is not yet conclusive. In the process of evaluation our University has the unique advantage of being able to apply new ideas to varying circumstances, in view of the variety of trends and cultures that meet in Lebanon and the particularly favourable cir-

cumstances in Lebanon for undertaking new experiments in education.

One of the noblest traditions of this University has been formed through the continued efforts it has exerted to discover that which is universally valuable in the culture of Lebanon and other Arab countries. The continuation of these efforts, in cooperation with other institutions of higher learning will shed new light on the particularities of our cultural heritage, and thereby we become more aware of our identity and of our responsibility to make our own positive contributions to the solution of the crises that beset the present world.

Our countries will never be really free until they discover their own soul, that is, their own laws and the way they should enforce them, their own institutions and the uses to which they must put them, their own methods of action. This, to my mind, is the concrete meaning of freedom. By helping to discover the Arab and eastern cultural heritage, this University is in fact asking us to value and to relive our heritage, and thus helping us to be free.

It would be an error in judgement to say that to undertake the discovery of our heritage we must wait for a period of calm and security. The history of this University has shown that it was under circumstances of hardship and crises, of insecurity and even war, that it made its greatest achievements. What period could have been worse than the second half of the nineteenth century in Lebanon for academic pursuits, yet it was during those turbulent days that this University was established and that the School of Medicine undertook its famous experiment in teaching the medical sciences in Arabic.

The Twentieth Century with its infamous record of two world wars and the threat of a third to come, the period of the French Mandate over Syria and Lebanon, the Palestine problem which still awaits a just solution, have added to, rather than diminished from the vitality of this University.

Adverse circumstances will continue, I hope, to renew the determination of this University to reassess the past and develop new visions for the future. For it is under such stresses and strains that the real value of an institution is taken into cognizance.

It is by living up to these traditions that this University will continue to play the worthy role it has always played in the life of this country, and to meet the challenge that the developing nations have to face during the process of development.

In closing, allow me, therefore, to rejoice at the fact that this day and age is, all over the world, the "age of Universities." At no time in history have universities drawn as much attention, or played as great a role in the life of nations as they do today. Consequently, this age is the age of Knowledge and of Truth, of Freedom and of Justice. These noble ideals form the core of the traditions of this university. But all of these ideals have their ebbs and flows. Let us sincerely hope that we will soon witness the tide coming in.

AUB Center For Middle Eastern Studies In Anthropology

"Anthropologists traditionally worked with tribes and small peasant communities . . . Peasants and tribes had nobody to speak for them in history but the anthropologist," Prof. Gerald Obermeyer says.

Today anthropology has a lot to offer the Middle East. In the fields of land reform, settlement of Beduins, studies in subsistence



Prof. Fuad Khury

economy, and many other fields which involve the organization of men, anthropology is extremely useful.

"The Middle East is a goldmine for anthropologists," Prof. Fuad Khury says. "Anthropologists can carry out research on a variety of fields—research which is of great



Prof. Gerald Obermeyer

use in understanding the area and its peoples and, more important, for helping in the development of the area."

Even in the study of history, the contribution of anthropology is of great importance. "While history tends to take groups for granted," Prof. Khury says, "Anthropology examines the mechanisms by which groups are formed."

"Let us consider the rise of the Shihabi Emirates in Lebanon," Prof. Khury continues. "Historians and other students of the area deal with the rise of the Emirates on a geopolitical basis. Few refer to the impact the silk industries, as a cash crop, had on the rise of these Emirates. The silk industries provided a strong economic base upon which political structures grew. In



other words, the socio-economic organization of society played, and plays, an important role in the political field. And anthropology does deal with this organization of men, with the very basic structures of society."

Anthropology is a newcomer to AUB—the first courses were offered on a continuous basis in 1964-1965 by Prof. Khury. It comes under the Department of Sociology and Anthropology. "This is not unusual," Prof. Obermeyer says, "even in the US, Anthropology and Sociology were combined, until recently, under one department." "But the special interests and approaches of Anthropology today dictate that it becomes an autonomous department whenever conditions permit," he adds.

This year there are 7 graduate students doing their Masters in anthropology, and 12 students are doing their B.A. Although 14 students applied for graduate study in anthropology this year, only six were accepted because of a shortage in teaching staff and other difficulties.

It is interesting to note that a lot of people with degrees in other fields—History, Chemistry, Political Science—apply for graduate work in anthropology.

"Students of anthropology," Prof. Obermeyer says, "are encouraged by the Department to take courses in other disciplines as electives. In fact, anthropology is interdisciplinary in many respects; students majoring in anthropology are required to take courses in linguistics, archaeology, and biology."

"AUB is in a very privileged position," Prof. Khury says. "By being in this area it can combine teaching and research in the area.

There are many courses given on the Middle East, something that cannot be done in European or American Universities. So a student graduating with a Masters here could be said to possess a good deal of knowledge about the area—knowledge he could probably not be able to get in other universities."

Prof. Khury's main interests are in Peasantry and Urban Anthropology with reference to Modernization, and Prof. Obermeyer in Tribal Systems and Modernization. In addition, Prof. Khury has research experience in Africa, and Prof. Obermeyer in Mexico. The

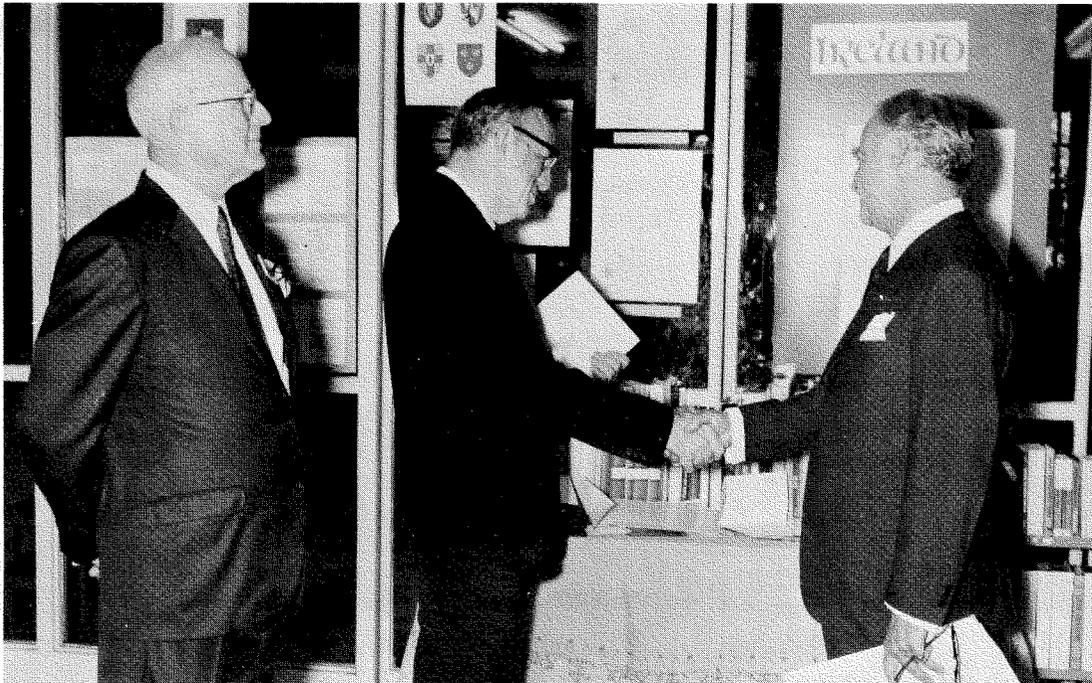
two together can offer courses covering the whole area from Morocco to Afghanistan.

AUB is a center for Middle Eastern studies in Anthropology; it is a research base for students interested in the area. By training students in concepts and in area studies, AUB creates a body of graduate specialists who can offer a lot to their countries and the area as a whole.

Anthropological perspectives of social change in the Western Desert of Egypt—harnessing old power, (above), and the traditional expression of freedom, (below).



Sir Desmond Opens Synge Centenary Exhibition



Sir Desmond Cochrane, Honorary Consul General of the Republic of Ireland, opened the John Millington Synge Centenary Exhibition in Jafet Memorial Library Saturday, Dec. 4, at 11.30 a.m.

Prof. Bickers, the Treasurer of the J.M. Synge Centenary Committee, made a few introductory remarks and he then read a letter sent by J.S. Synge, the oldest member of the Synge family, to AUB.

Prof. Bushrui, the Chairman of the Centenary Committee, thanked all those who helped in the realization of the exhibition, making

specific reference to the members of the Centenary Committee.

President Kirkwood then introduced to the gathering of more than 100 persons Sir Desmond Cochrane.

Sir Desmond thanked all those who helped in the realization of the exhibition and the organization of the other activities to take place within the J.M. Synge Centenary Program, making specific reference to Prof. Bushrui who, he said, "brought Anglo-Irish literature to the Arab World."

Sir Desmond then presented to

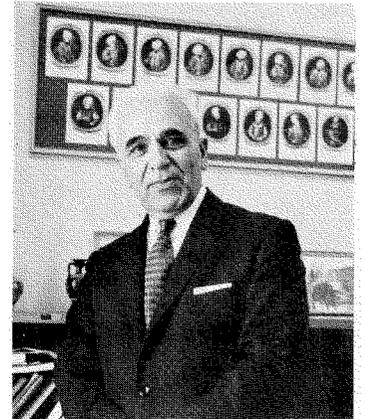
President Kirkwood a collection of books and records from the Cultural Relations Committee of Ireland to the American University of Beirut.

The exhibition illustrates selected aspects of the life and work of J.M. Synge. Over 100 photographs of people, places and events in the playwright's lifetime are exhibited. Also included in the exhibition is a number of editions of Synge's works, a selection of critical studies and a selection of books of Ireland, her history and civilization.

The exhibition will remain open until Dec. 11.

Prof Zeine's New Book Published in Beirut

Prof. Zeine N. Zeine, Professor of History at AUB, had his book "Al-Sira al-Duwali fi al-Sharq al-Awsat wa Wiladat Suriyya wa Lubnan" ("The International Struggle in the Middle East and the Emergence of the Two States—Syria and Lebanon") recently published in Beirut by Dar al-Nahar.



Prof. Zeine's book grew out of his former one, "The Struggle for Arab Independence" which was published in Beirut in 1960. Extensive additions to the latter were made, including the first two chapters on the geographical features of the Near East and its strategic significance; extensive revisions were also made for other parts, which make the present work almost a new one.

This new book treats the rivalries of the Great Powers in the Middle East, particularly those between Great Britain and France during and after the First World War. It also deals with Faisal's government in Syria and the French occupation of Syria and Lebanon. Prof. Zeine utilized Near Eastern and European sources, both oral and written, for this work.

Although other studies of several aspects of the theme of Prof. Zeine's work have appeared, this book is still an outstanding and indispensable contribution to the study of that period.

Prof. Zeine's book has a lot to offer to both the student of history and to the general reader.

"What's The Answer?"

To be of further service to the AUB Community, the Bulletin will welcome questions dealing with AUB. The Bulletin will attempt to obtain information to answer such questions.

Questions must carry the name and address of the author.

Send questions to "What's the Answer?" Editor, AUB Bulletin, College Hall.



American University of Beirut bulletin

VOLUME XV, No. 8

THURSDAY, DECEMBER 16, 1971

Charles Malik Awarded NISS Gold Medal

Charles Habib Malik, distinguished professor of Philosophy at AUB, has been awarded the National Institute of Social Science gold medal for distinguished service to humanity. The medal was presented at the Institute's annual dinner in New York on Dec. 9.

Four medals were awarded this year by the institute. The medalists are Charles Habib Malik, Joan Ganz Cooney, President of Children's TV Workshop, Arthur K. Watson, U.S. Ambassador to France, and Thomas J. Watson Jr. former President and Chairman of the IBM World Trade Corporation.

Charles Habib Malik, now distinguished professor of Philosophy at AUB, has served as Foreign Minister of Lebanon, Lebanese Ambassador to the U.S., President of the United Nations Security Council and General Assembly and as President of Unesco.

Prof. Sarkis Elected President of Lebanese Syndicate of Chemists

Prof. Adib J. Sarkis of the Chemistry Department was recently elected president of the Lebanese Syndicate of Chemists.

Two other chemistry alumni and a university employee were also elected to the executive committee of the Syndicate. They are Nicola Jibran (B.S. Chemistry, 1958), elected as first secretary, Asa'ad Najjar (B.S. Chemistry, 1949), elected as treasurer, and Shafika Abu Samra, a research assistant in the Nutrition Research Laboratory, elected as second secretary.

Prof. Sarkis succeeds Prof. Aziz Abdul-Karim, also of the AUB Chemistry Department, as president of the Syndicate of Chemists.

Photo shows from right, President Samuel B. Kirkwood; Vice President George Hakim; Prof. Gordon Olson, Chairman of the Fine and Performing Arts Department, and Jean Khalif.

President Kirkwood Receives First Series of "Collection of Contemporary Art" for AUB

The first series of the "Collection of Contemporary Art" of AUB was formally received by President Samuel B. Kirkwood on Wednesday, Dec. 15. The presentation was made in the lobby of the third floor of College Hall, where the collection is exhibited.

The collection consists of seven paintings by six Beirut artists. All paintings are abstract. The six artists who have donated their works to the University are: Helen Khal, David Egee, Farid Haddad, Stelio Scamanga, Jean Khalifeh, and Adel Saghir.

It is expected that more series are to be followed as donations or loans to the University. Two more series are expected during the current academic year.

It is to be noted that the above-mentioned donation was the result of the endeavor of the Fine and Performing Arts of AUB which has sponsored an extra curricular program whereby the University community will have the opportunity to see and enjoy leading works of art. According to the program, leading artists and art collectors in the Middle East are asked to do-

nate or lend paintings to AUB. These works of art will be exhibited to various parts of the campus which are accessible to students, faculty, staff and visitors.

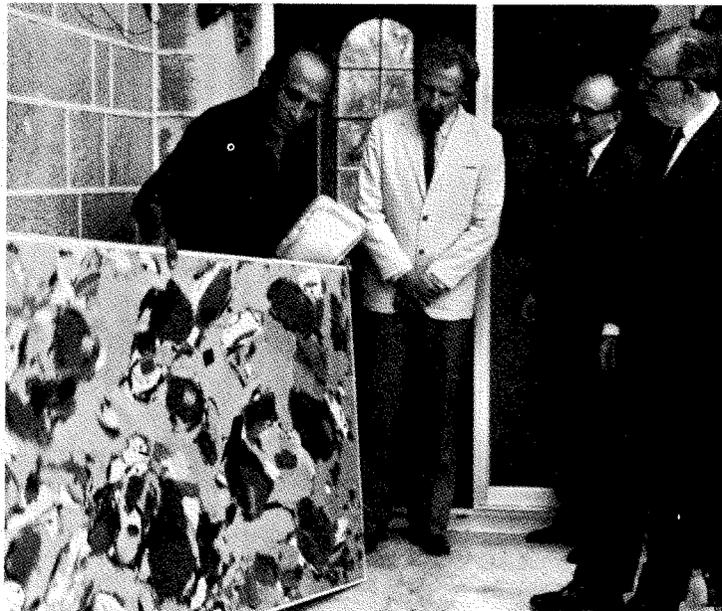
Lebanese painter Jean Khalifeh had presented to AUB in July "The Singing American." The offer was made in appreciation of what AUB had contributed to the development of Art and Culture in Lebanon and the area.

The collection of contemporary art of the American University of Beirut already includes several works of art donated or loaned to the University all of which are displayed in different buildings on campus.

A sculpture by Monabeb Rawda donated by the artist on the occasion of AUB's Centennial Commemoration can be seen in the peripheral area of Nicely Hall.

A painting of Joseph Tanous (ex-Chairman of the Department of Fine and Performing Arts (1968-1970) is displayed in Nicely Hall's fourth floor art division area.

Two of Farid Haddad's earlier paintings are hung in Jewett Hall and Bustani Hall.



Mrs. Es-Said Elected To Board of Trustees

President of the Board of Trustees of the American University of Beirut, Calvin H. Plimpton, announced Wednesday that the AUB Board of Trustees has elected Mrs. Salwa Es Said of Beirut to its Board. Dr. Plimpton spoke on behalf of the Board of Trustees in saying, "We are delighted to have this hard-working, intelligent lady who has done so much for the cultural community of Lebanon now joining the American University of Beirut Board of Trustees."

Mrs. Es-Said is one of six AUB Trustees from the Middle East serving on the Board of Trustees.

The new Trustee is internationally known as the president of the Baalbeck International Festival, a sixteen year old Lebanese institution attracting theater, the dance, and musical talent to Lebanon from all over the world. The festival committee has been instrumental in attracting thousands of visitors to Lebanon each summer to participate in this summer festival amidst the spectacular setting of the floodlit Temples of Baalbeck in the upper Bekaa Valley.

Mrs. Es-Said is the wife of prominent Beirut businessman Fuad Es-Said of Trans-Mediterranean, a firm with wide commercial and industrial interests in the Middle East. He is a 1934 graduate of AUB.

She is a member of a prominent Beirut family and the daughter of Badr Dimechkie, Mayor of Beirut in the early 1920's. She is the sister of Nadim Dimechkie, at present Lebanese Ambassador in London and former Ambassador in Washington.

The Es-Saids have three children, Nuhad, a graduate of the University of Cambridge, and Chairman of the Board of Trustees of Brummana High School, Hala, AUB 1970 married to Mark Cochran, Honorary Consul General of the Republic of Ireland in Beirut, and Rima, married to Dr. Najib Shehadi, graduate of the American University School of Medicine.

Coming Events

THURSDAY, DEC. 16

Prof. Buhl-Riis will lecture on "The Danish Carlsberg Excavations at Tell Sukas, North Syria: 1958-1963."

Prof. Buhl-Riis is presently Curator of the National Museum in Copenhagen, Denmark; she assisted her husband during the five seasons of excavations at Tell Sukas. The site, about 50 kilometers South of Latakia, revealed occupation levels dating from c. 1170 B.C. to c. 400 A.D. The lecture will be given in the Geology Lecture Room, Post Hall, at 6 p.m.

THURSDAY, DEC. 16

AUB Women's Auxiliary Christmas Program. West Hall—Auditorium and Lobby, 3.15 p.m.

DEC. 16, 17 AND 18

The British Council presents Max Adson as George Bernard Shaw on Thursday and Friday, Dec. 16 and 17 at 8.30 p.m. and in Gilbert and Sullivan on Saturday, Dec. 18, 8.30 p.m. at Gulbenkian Amphitheater of BCW.

Tickets for LL.7 are available at the British Council.

SATURDAY, DEC. 18

Bingo evening at the Alumni Club, 8.30 p.m.

THURSDAY, DEC. 23

Annual Christmas Musicales. Choir and Orchestra directed by Prof. S. Arnita. Assembly Hall, 8 p.m. By invitations.

THURSDAY, DEC. 23

Children's Christmas program at the Alumni Club. Alumni children and their friends are invited. There will be games, prizes, lottery, refreshments; Father Christmas will also be there. The program is at 3 p.m. For reservations call the Alumni Office by Dec. 16. A charge of LL.4 is collected for presents.

WEDNESDAY, DEC. 29

Student Concert. Piano students of Sona Aharonian. Assembly Hall, 6 p.m. By invitations.

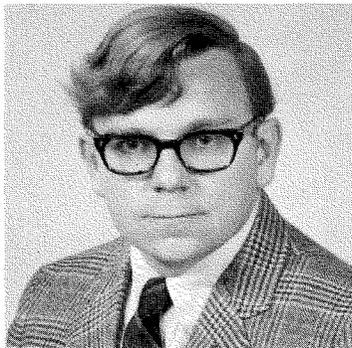
DEC. 31 — NEW YEAR'S EVE

Dinner and dance at the Alumni Club, open to Alumni and their friends. For reservations phone 340817/8/9.

Christmas Vacations

The University Christmas vacations start Thursday afternoon, Dec. 23. Classes will resume Monday, Jan. 3.

New Faculty Appointments



Prof. Thomas H. Gorry, from Brooklyn, New York, has joined the Faculty of Arts and Sciences, Dept. of Psychology.

He completed his undergraduate work at the City College of New York from which he earned his B.A. in Psychology in 1958. In 1964 he earned his M.A. at the same University. From 1964 to 1967 he served first as Teaching Assistant and later as Research Assistant in Purdue University, W. Lafayette, Ind. In 1967, and upon successfully completing a research on intermodal stimulation and adaptation to distorted visual feedback, Prof. Gorry earned his Ph.D. Psychology in Purdue University.

From 1967 till 1971 he served as an Assistant Professor in the Northern Illinois University, DeKalb, Ill.

Prof. Gorry's research interest focus on Early Experiences, Developmental learning, and Appetitive Behavior.

Prof. and Mrs. Gorry have daughters, Lisa Beth and Thomasine.

"What's The Answer?"

To be of further service to the AUB community, the Bulletin will welcome questions dealing with AUB. The Bulletin will attempt to obtain information to answer such questions.

Questions must carry the name and address of the author.

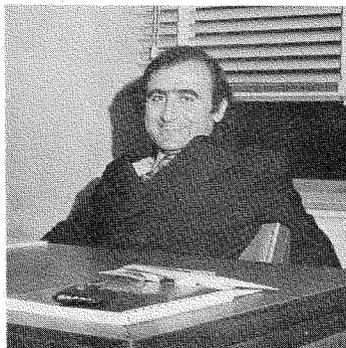
Send questions to "What's the Answer?" Editor, AUB Bulletin, College Hall.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker, Jr.

The AUB Bulletin is the official weekly news publication of the University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall 306.

Reporter: Alexandros Vikis.



Dr. Philip Salem, a graduate of the AUB Medical School, class 1965, has returned to the American University Hospital.

After graduating in 1965 he stayed a further three years here for residency training in internal medicine. In 1968 he left for the United States where he stayed for three years. He worked for two years at the Memorial Sloan-Kettering Cancer Center in New York, and an additional year at the M.D. Anderson Tumor Institute at Houston, Texas. While in the United States, Dr. Salem's training was related to Medical Oncology—the science, and treatment of cancer.

Dr. Salem was born in Bttram el-Koura, Lebanon, in 1941.

Alexander von Humboldt Foundation Offers Fellowships

The Alexander von Humboldt Foundation offers about 400 fellowships every year to highly qualified scholars from abroad to carry out research of their own choice in the Federal Republic of Germany. The value of the fellowships ranges from 1200 DM to 1600 DM monthly, depending on the qualifications of the applicant.

For further information interested faculty should consult their department Chairman.

The German Academic Exchange Service (DAAD) will award the following study grants for 1972:

1. Six one-year scholarships valid for post-graduate training at West German universities, technical universities, and academies of art or music. The scholarship may include the fees (course fees, living expenses, pocket money) for an additional intensive course in German language of 2 to 6 months at an establishment of the Goethe-Institute in the Federal Republic of Germany.

2. Eight scholarships for an intensive German language program at a Goethe-Institute in the Federal Republic of Germany for two months during the summer of 1972.

Prof. Mendenhall Gives Two Lectures at AUB

Prof. George E. Mendenhall, professor of Near East Languages at the University of Michigan, and an authority on the ancient languages of the Middle East lectured Thursday, Dec. 9 at AUB on "Scientific Analysis of Undeciphered Ancient Documents."

Prof. Mendenhall is a linguist-historian currently in the Middle East to study fragments of undeciphered ancient script on leather and other material. He is the director of the University of Michigan archaeological expedition in the upper Euphrates valley.

His lecture concentrated on the methods used in the so far unsuccessful endeavor to decipher six documents in leather acquired in 1966, and also on the methods used to test the authenticity of the documents.



The lecture was sponsored by the Sigma Xi Society.

Prof. Mendenhall gave another lecture on "Archaeology and the Dynamics of History" on Tuesday, Dec. 14. The lecture was sponsored by the History Society.

C.W.L. Request for Gifts for Workers' Christmas Party

Every Christmas the Workers Welfare Committee of the Civic Welfare League holds a party for the AUB workers and their families, with gifts distributed during the party. The Civic Welfare League requests faculty families to bring gifts to West Hall, Lost and Found office; gifts should be left in the name of the Workers' Welfare Committee, before Dec. 18.

3. Grants for professors wishing to carry out a study program of up to three months' duration in the Federal Republic of Germany and to establish contacts with German colleagues and institutes in their field.

All applicants must be of Lebanese or any other Arab nationality. The preliminary selection of applicants for the one-year-scholarships and the scholarships for an intensive language program will be made by the German section of the Dept. of European Languages and Literature at the end of the current calendar year.

Three Research Projects on Nutrition in the School of Agriculture

"The research we are doing is directed toward alleviating nutritional deficiency in the Middle East," stated Prof. Abdul Halim Hallab, an assistant professor of Food Nutrition and Technology in the School of Agriculture.

Supplementation of Arabic bread with vegetable proteins

One project being done under the direction of Prof. Hallab concerns the fortification and supplementation of Arabic bread with vegetable proteins, such as soybeans and chick peas, iron, and vitamin A. "Middle East nutritional surveys show protein, iron, and vitamin A deficiencies. Since bread is such a basic food, especially for the poor, it is an ideal vehicle by which to remedy these deficiencies," explained Prof. Hallab. Up to 80% of the calories of a person's diet are acquired through bread, showing how important cereals are to the diet.

The project, the major portion of which should be finished by February, is facing a few difficulties. It is not yet known if the addition of soybean and chick peas protein will change the texture of the resulting bread, which should be the same as that of Arabic bread on the market now.

Economically speaking, the project would be a failure if the resulting product is very expensive. Using soybeans, the cost of one kilo of bread will go up three to five piasters, but the increase in nutritional value more than compensates for the increase in cost.

Olive pickling project

Henri Salman, a graduate in the Food Nutrition and Technology department is conducting an olive pickling project, also under the supervision of Prof. Hallab. "There is plenty of olive oil but no decent olives on the market. This project is an attempt to fill this gap," said Prof. Hallab. "We are trying to produce long-lasting (up to two or three years) processed olives geared to local taste."

"There are two ways of processing olives," explained Salman, "either in oil or by pickling." In this pickling project, the whole olives are treated, whole, instead of individually cutting them in half, or pressing them, which is a tedious job. The whole olives here are treated first with chemicals to extract the desired amount of bitterness, and then are fermented in a salt solution. The whole process

takes from two-and-a-half to three weeks.

Here again, there are a variety of problems to be dealt with. During the process, the olives have a tendency to turn yellow. Ascorbic acid, which is believed to help retain the olives' green color, is now being tested.

"Due to bacterial and microbial effects, the olives become softer than we would like," Salman said. To prevent this, the packing and canning of the olives are done in a vacuum under pressure. They are then pasteurized in the jars. The effect of alum is also being tested for its effect on firming the olives.

"A major problem in the olives acceptability once they are put on the market—whether or not the people will like the product," said Salman. Once batch was too sweet for local tastes, and would be more what Americans would be interested in, he thought. However, explained Prof. Hallab, if the olives are monitored hour by hour, the amount of bitterness can be controlled to suit local customers.

A pilot study of approximately 150 jars has been prepared. It will be subjected to an organoleptic test, where a panel of judges will evaluate them regarding color, texture, and taste.

This project, like the one concerning Arabic bread, is an AUB project, financed by the University. The School of Agriculture does communicate with companies and processors in Lebanon, however. The olives prepared in this

process are not done individually, as they are in other processes, which economizes on labor. Already there are two companies interested in the project, one of which is seriously considering commercializing the process.

Factors affecting the consumption of frozen meat

Projects are also being conducted in other departments of the School of Agriculture. "Out of 150 attempted interviews, I had the door closed in my face hour times, twice in one day," Nada Abou Ghanima, a graduate in Rural Sociology, learned how difficult it is to interview people, and how much more difficult to obtain from them the information she needed for her project.

Abou Ghanima is doing her masters' thesis on "The Factors Affecting the Consumption of Frozen Meat in Selected Areas of Beirut." She had planned to draw a random sample from Beirut as a whole, but found it almost impossible, the city being as heterogeneous as it is. She decided on two areas, Ashrafieh, which is predominantly Christian, and Mazra'eh, predominantly Moslem. Both areas represent a variety of income, educational, and occupational groups.

The general objective involved is to "investigate the influence of certain socio-economical and socio-psychological factors on the degree of the respondents' consumption of frozen meat and to identify

some of the reasons affecting consumption." The research attempts to do this by surveying different variables, such as income, age, religion, size of family, mass media, belief orientations, habits, and customs, and noting their influence on the consumption of frozen meats.

Abou Ghanima put forth fourteen hypotheses concerning these variables, some of which were confirmed, others which were not. As contrary to Europe and the US, advertisement through the mass media does not have a great effect on purchases and consumption. Most housewives bought frozen meats after having it recommended to them by someone by word of mouth. "On the whole, less people were consuming the product than expected," she stated.

Many people revealed they had used frozen meats for a while, then stopped. "The expectations, customs, and habits of this country do not incline people to consume this product," Abou Ghanima said. Most people prefer fresh meat, though frozen meat does have some advantages. Some stopped buying it after having "unpleasant experiences, such as one woman who left the frozen meat about a week in the lower part of the refrigerator, then complained when it spoiled," she explained.

By Mona Audeh

AUB Profs. Attend Scientific Meetings

Several professors from Agriculture attended scientific meetings during the summer while on travel leave. Prof. Bhattacharya attended the 10th Congress of Animal Production on Paris and presented two papers on the topic of non-protein nitrogen utilization in ruminant animals.

Prof. Greene spent ten days in Turkey and visited four universities and colleges. While there, Prof. Greene participated in a Summer Short Course on Agricultural Economics sponsored by UNICEF and FAO. Prof. Greene also visited the Seghan irrigation project in Adana, Tarsus and Merisin.

Prof. Schwulst attended the 63rd Annual Meeting of the American Society of Animal Science held at Davis, California, and presented a paper entitled "Effect of docking on deposition and distribution of body fat in lambs." While in the U.S. Prof. Schwulst visited the animal science departments at the Universities of Nebraska, Wyoming and Wisconsin.



Photo shows: Ritchie Thomas, left, Virginia Farradj, center, and Caroline Fuleihan, right.

Long Service awards were recently presented to Virginia Farradj (15 years) and Caroline Fuleihan (10 years). Both are members of the Cataloging Department

of the Jafet Library.

The awards were presented by Ritchie Thomas, Associate University Librarian.

Prof. Nasser Presents Paper in U.S.A.

An important development in the Engineering field has been the first joint meeting of the International Association of Bridge and Structural Engineering with the



American Society of Civil Engineers Nov. 28 to Dec. 2 in Chicago. The meetings, at the Illinois Institute of Technology, di-

rected attention to the special construction problems of tall buildings.

Prof. Jack Nasser of AUB presented a paper on the use of thin shells as a new economical type of structure for high-rise buildings. Professor Nasser was also asked to report criteria for an Arab code for reinforced concrete, a project under study by the Union of Arab Engineers with 50,000 members in the Middle East.

Annual Christmas Musicale on Thursday, Dec. 23

The Fine and Performing Arts Department will present its 23rd annual Christmas Musicale on Thursday, Dec. 23 at 8 p.m. in Assembly Hall.

The University Choir and Soloists with orchestra and organ conducted by Prof. S. Arnita will perform excerpts from Mendelsohn's Hymn of Praise and other Christmas music.

Invitation tickets are available in West Hall office on Monday, Dec. 20.

Prof. P.S. Bradley Gives Two Lectures at AUB

Prof. P. Sylvester Bradley, Head of the Geology Department of the University of Leicester, U.K., has recently given two lectures in AUB.

The first lecture, given in the Geology Lecture room, was entitled "Last Oceans of Geological Past." The second lecture, given in the Science Lecture Hall, was on "River Theories of Origin of Life."

Prof. Bradley is an eminent paleontologist who was visiting Lebanon for a few days to collect some special fossils of the Jurassic which he thinks will support his theory for the Tethys Ocean.

AUB Faculty With Translations During 1971 to Contact Provost's Office

AUB faculty who translated documents or books into English, French or Arabic during 1971, and those who wish to have these publications listed with the annual UNESCO list of translations are requested to contact the Provost's Office (2629) as soon as possible.

Stewart Exhibits Photographs at U.C.C.

PEOPLE, an exhibition of photographs by James T. Stewart, is taking place at Gallery Underground, University Christian Center, Rue Makhoul.

The black and white photographs, most of them miniatures, are explorations of people, their relationships to each other and the space around them. All of the photographs in this show have been taken in the Middle East, over the past 18 months.

Stewart, born in Salina, Kansas in 1932, first came to the Middle East as an archaeological photographer. He became very interested in this area and returned five years ago to become Director of the University Christian Center in Beirut. He has been working with photography for the past 24 years, and this is his second one-man show at Gallery Underground.

The exhibition which opened on Dec. 10 will stay open until Dec. 23.

Record Enrollment of 4015 at AUB Only One Out of Ten Applicants Accepted

In August, AUB Registrar Farid Fuleihan told *Al-Kulliyab* (the AUB Alumni magazine) that the University is accepting only one out of ten applicants for the academic year 1971-72, and that there was little hope for increased enrollment in the years to come.

"AUB has received many more requests for admission than we can possibly accept," Fuleihan had

told *Al-Kulliyab*. "As a regional University offering a quality education we cannot expand beyond a certain size without affecting our academic program. We feel we are probably now at that point. The desire to keep a proper ratio between teachers and students, the size of classrooms and laboratories, the capacity of the physical plant and the financial situation also are considerations in this decision.

"In the past we could choose from among two or three applicants to the University. This year, with an average of ten applicants for each vacancy, AUB has taken only the top student from each school to fill openings in the freshman class. Previously we chose applicants primarily from the English-language schools, but now we are taking students from a wider variety of educational systems in

order to fulfil our role as a regional university.

"Even if AUB could expand its enrollment to a large degree, I doubt that we could ever accommodate the increasing demands of the area. We will remain a selective academic institution existing for qualified students from all areas of the Middle East," Fuleihan said.

A record enrollment of 4015 students at the American University of Beirut has been announced by the Office of the Registrar. This figure marks an increase of 18 students over last year's record enrollment.

Women students enrollment this year also hit a record with 1135 coeds on the student body. This figure represents 28 per cent of the total enrollment.

ARAB COUNTRIES 3253 81%
LEBANON 2056 51%

OTHER MIDDLE EAST 180
AFRICA 23
ASIA 195
EUROPE 104
U.S.A. 198
OTHER 58

TOTAL 4015

WOMEN STUDENTS 1135 28%

58 NATIONALITIES
20 RELIGIOUS GROUPS
ARTS & SCIENCES 2562

MEDICAL SCIENCES	631
Medicine	273
Pharmacy	128
Nursing	163
Public Health	67
ENGINEERING & ARCHITECTURE	571
AGRICULTURAL SCIENCES	251

TOTAL	4015
Graduate Students	756 19%

ARAB COUNTRIES

Algeria	1
Bahrain	63
Dubai	2
Egypt	35
Iraq	62
Jordan	432
Kuwait	61
Lebanon	2056
Libya	10
Morocco	16
Oman	6
Palestine	137
Qatar	2
Saudi Arabia	57
Sudan	25
Syria	270
Tunisia	1

Yemen (PDR) Aden	15
Yemen (Y.U.R.) Yafa	3
	3253

OTHER MIDDLE EAST

Cyprus	67
Iran	63
Turkey	50

AFRICA

Ethiopia	12
Ghana	4
Sierra Leone	2
South Africa	1
Uganda	1
Somaliland	2
Liberia	1
	23

ASIA

Afghanistan	64
China	2
India	10
Nepal	10
Pakistan	106
Philippines	2
Thailand	1

195

EUROPE

Belgium	1
Bulgaria	3
Finland	1
France	11
Germany	8
Greece	19
Holland	1
Italy	2
Malta	1
United Kingdom	56
Yugoslavia	1
	104

OTHER

U.S.A.	198
Argentina	4
Bolivia	6
Brasil	5
Canada	4
Chile	1
Costa Rica	1
Jamaica	1
Mexico	6
Venezuela	7
Australia	12
Undetermined	7
Columbia	1
Maldive	3

256

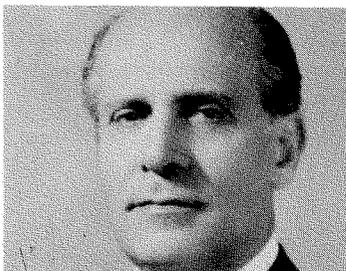
American University of Beirut bulletin

VOLUME XV, No. 10

THURSDAY, JANUARY 13, 1972

Professor Tarabulsi Appointed Director of Athletics

President Kirkwood recently conferred upon Prof. Abdul-Sattar Tarabulsi the title of Director of Athletics. Previous to this date Prof. Tarabulsi's position was that of Director of Physical Education. As Director of Athletics, Prof. Tarabulsi is responsible for all arrangements for games, all facilities



and planning as well as physical education for men.

Prof. Tarabulsi was also asked, in view of the University's inability to fill the vacant position of Director of Women's Physical Education, to take over the full responsibility for all physical education and athletics for the remainder of this academic year.

AUB Bookstore Announces Surplus Stock Sale

The AUB Bookstore announces that surplus stock in the AUB Bookstore will be sold at substantial reductions at a sale to be held in the AUB Bookstore—Dodge Hall during the three-day period Wednesday, Jan. 19 through Friday, Jan. 21, 1972.

This sale will be conducted because of the necessity of providing space in the Bookstore for next year's stock.

The surplus consists of text and reference books covering subjects taught in previous semesters in the departments of Arts and Sciences, Agriculture, Engineering and Medical Sciences.

This sale provides an excellent opportunity at a very nominal cost, for students, faculty and staff of AUB to acquire and build up a library on those subjects in which they are interested.

Mrs. Hind Hoshi Musa Appointed Acting Dean Of Women

Mrs. Hind Hoshi Musa was appointed Acting Dean of Women as of November 23, 1971.

Mrs. Musa is a graduate of the Beirut College for Women holding a B.A. in Social Work and a M.S. in Social Work from Simmons School of Social Work in Boston, Massachusetts.



Following graduation from the Beirut College for Women in 1956, Mrs. Musa started working at the American University Hospital as a Social Worker. In 1961 she was granted a scholarship from AUB for graduate studies. She returned to the A.U. Hospital in 1963 as Medical Case Worker. In November 1965 she was appointed as Acting Supervisor of Social Services and in February 1966 she became the Supervisor of Social Services.

Mrs. Musa is married to Mr. Sami Musa of Deir Mimas, Lebanon. Mr. Musa is an AUB School of Agriculture graduate holding a M.S.

In a talk with the Bulletin, Mrs. Musa said that she hoped she would be able to meet and help all women students facing any kind of problem. Her previous work at the American University Hospital also entailed helping people with difficulties, she said.

"I am essentially a social worker," she said, adding that she believed very much in human contact. "Talking brings a lot of understanding," she said.

President Kirkwood Announces Re-admission of Suspended Students and Termination of Probations and Warnings

Dr. Samuel B. Kirkwood, President of the American University of Beirut announced Jan. 10, 1972, that those students who were suspended from readmission as a result of the student strike of May-June 1971, and who have petitioned for reconsideration of this decision, and who have appeared for a hearing, have had their suspension lifted and are eligible for re-admission to AUB in the second semester.

AUB Professor Lectures in Basra

Prof. Adel Azizi, Associate Professor of Human Morphology, left for Basra, Iraq, on Jan. 7, at the invitation of the University of Basra, to attend a conference on Modern Techniques in Medical Education which is sponsored by the University of Basra.

During his 10-day stay in Basra, Prof. Azizi will give a number of lectures in the University on Neuroanatomy and Microscopy.

New Campus Identity Cards are Being Issued

It has been announced by the office of the Director of Personnel that the University is in the process of issuing new Campus Identity Cards. A new time is designated for photographing all those who have not managed to have their photographs taken during the first call.

Faculty, staff and workers who need to have their photographs taken are asked to go to Mary Dodge Hall during the hours 8-12.30 any day between Monday, Jan 17, and Friday, Jan. 21.

The following statement has been issued by the University Comptroller:

This is to advise all concerned that the U.S. Social Security Tax for the Calendar year 1972 will be based on a maximum amount of earnings of \$9,000 at the rate of 5.2 per cent each for the Faculty/Staff and the University.

Dr. Kirkwood has also announced the termination as of this date of all probations and warnings given to students as a result of the same strike.

Vice President George Hakim and Provost Samir Thabet were interviewed by the Lebanese Television explained President Kirkwood's decision to re-admit the suspended students.

Provost Samir Thabet explained that there were three main reasons for the timing of President Kirkwood's decision:

1. — The President met all students who had petitioned for re-admission and who had requested for a meeting with him.

2. — After meeting with them the President was convinced of the good will of the students and of their understanding of the situation.

3. — The decision for lifting the suspensions was made in time for the students concerned to register for the second semester.

"I hope," Provost Thabet told the Bulletin, "that this will be the beginning of a quiet period, a period of peaceful dialogue and exchange."

Memorial Service for AUB Student Held in Assembly Hall

A memorial service for the late Farouk Medawar, a fourth-year student in the School of Engineering and Architecture, was held Thursday in the Assembly Hall. The service was attended by a number of students, the family of the late Medawar, the Dean of the School of Engineering and Architecture Raymond Ghosn, Dean of Student Affairs Robert Najemy, and others.

A few eulogical speeches were given, and the deceased was awarded an academic achievement award.

During the Speakers' Corner the same day, students observed a one-minute silence in mourning for the late Medawar.

Campus Events

WEDNESDAY AND

THURSDAY, JAN. 12 AND 13

AUB School of Nursing—Open House (Recruitment of new Nurses). West Hall—Auditorium B, 1.30 p.m.

WEDNESDAY TO

SATURDAY, JAN 12-15

"Diary of a Scoundrel" by Ostrovsky. A Play in English presented by AUB-Drama Club. West Hall Auditorium, 8.30 p.m. Tickets: LL. 5 and 3.

SUNDAY, JAN. 16

Piano recital by Raffi Petrosian (Student Concert). Assembly Hall, 5.00 p.m. Tickets: LL. 2.00.

MONDAY, JAN. 17

Piano recital by Raffi Petrosian, Assembly Hall, 8.30 p.m. Tickets: LL. 5, 7, 10 and 15.

MONDAY, JAN. 17

Byron Porter Smith Lecture Series. J. D'Amico: On Founding States: Some Correlations Between Machiavelli's 'Discorsi' and 'The Tempest' of Shakespeare. Lecture Room, West Hall, 8 p.m.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain, Rev. Robert C. Walker, Jr.

AUB Choir Rehearsals

Members of the Community, Faculty, and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicale (Sunday, March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall room 108. Female voices at 6:00 p.m. and Male voices at 7:00 "The Seven Last Words" by DuBois and other appropriate music will be presented. The first rehearsal will be on Monday, January 17.

Dahran Alumni Hold Committee Elections

The AUB Alumni Group of Dahran, Saudi Arabia, held their annual meeting on Dec. 16 and elected a new Executive Committee for 1972.

Fahmi Y. Basrawi was elected as President, Sami K. Ashkar Vice President, Yousef T. Saba Treasurer and Mrs. Halah Hourani Secretary.

At the same meeting, Isam Hamzah, Kamal Najjar and Dr. F. Abdi were designated as Officers at Large.



Prof. Nedko Etinoff (2nd from left) presented Dec. 31 the Silver Pin Award to Hanna Khury (4th from right, standing) on the occasion of Khury's 20 years of service to the University through West Hall.

Dean of students Robert Najemy, Dean of Women Mrs. Musa, members of West Hall staff and the Student Life office were present at the presentation, as well as members of Khury's family.

Pension and Benefits Plan Alternatives Being Studied

The AUB Administration is currently studying alternatives to the present pension and benefits plan. As a result of an in-depth study of the present plan it was found that it is inadequate, complicated, costly, discriminating and little used—only 382 AUB faculty and staff out of 961 eligible belonged to the plan as of Feb. 1970.

Recognizing these deficiencies, the Administration in 1969 established as an objective the development of an improved pension plan. Calculations were made as to how an improved plan could be funded at a minimum cost to the University. Out of this effort came a plan, one that would be attractive and available to all employees, 1360 of whom are not eligible for participation in the present plan. It provided a guaranteed retirement benefit approximating 62% of an employee's final five-year average earnings after 35 years of service; a short-term and a long-term disability benefit and waiver of retirement benefits premium for the period of disability; and an in-service death benefit.

Noteworthy was the fact that these increased benefits could be provided at no additional cost (contribution) to the employee belonging to the present plan; for the balance of employees, the same cost (contribution) as for those present members.

The new plan was submitted to the Board of Trustees at its June meeting requesting approval in principle to proceed in the writing of the new plan. Several questions were raised at the meeting, and the request for approval of the plan in principle was eventually tabled.

The Administration and its advisors decided that the questions raised could be resolved by the actual legal writing of the plan. The writing was completed in July 1971 and then began the task on the part of all concerned to review it in this final draft.

The work done so far has been highly productive. Now the Administration knows what it can and what cannot do in order to protect the interests of the University in regards to benefits. Knowing this, it is now a question of developing alternatives which will be to the best interests of both employee and employer.

The AUB Bulletin is the official weekly news publication of the University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall 306.

Editor: Radwan Mawlawi.

Reporters: Alexandros Vikis, Nabil Nusayr.

First Dean of Women at AUB Dies 97

Mrs. Edward F. Nickoley, first Dean of Women at AUB dies Jan. 4 in Rochester, Minnesota. She was 97 years old.

Mrs. Nickoley was born in Dayton township, Illinois, in 1874 and married Edward F. Nickoley in 1903 in Champaign, Illinois. Both she and her husband held positions of prominence at AUB. Prof. Nickoley was professor of Economics, Acting President, as well as Dean of the Faculty of Arts and Sciences during his career which spanned the years 1903 until his death in 1937. Mrs. Nickoley was the Dean of Women for the University from 1923 when women were first admitted to AUB's Faculty of Arts and Sciences, until 1937. She returned to the US in 1937 and lived in Urbana, Illinois, until 1965. She then resided in Rochester, Minnesota.

Jaffet Library Man Dies



Whoever visited the library recently should have noticed the absence of an active staff in it. Mr. Bikhazi, an old charming man who remained smiling until the last moment of his life and who died happily, feeling the love he shared with everyone he knew.

Mr. Bikhazi had been working in the library for a long time and it was only last year when he had his heart troubles that he stopped for a while. However his interest in work persisted despite his sickness and he still enjoyed his work.

He was educated: studied up to the sophomore class (his colleagues are now university professors). Leaving off there he worked as a merchant, then ended up in Jafet Library. He spoke several languages besides Arabic, English and French such as Greek, German and even a little bit of Armenian.

Intelligence, kindness, love of others, sincerity in work and in his relations with others were Mr. Bikhazi's distinguishing characteristics which everyone who knew him would recall.

M. Abu Samra

The AUB Pension Plan Under Review

The Present Plan :

The problems inherent in AUB's present pension and benefits plan were identified by President Kirkwood as early as 1966. In 1968, the Administration began an in-depth study of the plan to find what was wrong with it and how it might be improved. Marsh and McLennan, probably the largest specialists in the world on pension planning, were asked to assist. To summarize what was found wrong with the present plan:

1) Inadequate ... the plan provides at most a retirement benefit of 48% of the final five year average earnings after 35 years of service and no provision to meet the financial needs of a participant who becomes disabled for a long period of time;

2) Complicated ... participants do not understand the plan nor can retirement pensions be predicted with accuracy until late in a career;

3) Costly ... non-American participants earn less than 3% on their contributions, which results in an adverse effect on the value of their retirement annuities;

4) Discriminatory ... a lack of consistency in benefits between various groups of employees;

5) Little used ... only 382 AUB faculty and staff out of 961 eligible belonged to the plan as of February 1970.

An Improved Pension Plan:

Recognizing these deficiencies, the Administration in 1969 established as an objective the development of an improved Pension Plan. The problems to be dealt with were manifold:

1) Past and future service involving four different types of employees with five different types of benefits accruing: some by law, some by precedent, and some by gratuity; 2) Five different funding media: the American Life Insurance Company, the Teachers Insurance Annuity Association, the Lebanese National Social Security, the U.S. Social Security, and the University's Provident Fund; 3) Six different laws applicable to benefits: the Lebanese Labor Law, the Lebanese National Social Security Law, the U.S. Social Security Law,

two national income tax laws, and the one having the greatest impact on the objective, the undefined Lebanese law of "acquired rights."

For two years consultants, administrative officers, attorneys, an ad hoc faculty/staff pension and benefits committee, and a Board of Trustee member worked to develop a better plan. Calculations were made as to how an improved plan could be funded at a minimum cost to the University. Out of this effort came a plan, one that would be attractive and available to *all* employees, 1360 of whom are not eligible for participation in the present plan. It provided a guaranteed retirement benefit approximating 62% of an employee's final five-year average earnings after 35 years of service; a short term and a long term disability benefit and waiver of retirement benefits premium for the period of disability; and an in-service death benefit.

The Costs of the New Plan:

Noteworthy was the fact that these increased benefits could be provided at no additional cost (contribution) to the employee belonging to the present plan; for the balance of employees, the same cost (contribution) as for those present members and, at a minimum additional cost to the University. The costs were: 1) a contribution of five per cent (5%) of salary by the non-American employee into American Life, and for Americans a contribution of 3% of salary up to the U.S. social security base and 5% of salary over the base into Teachers Insurance Annuity Association. In addition, Americans would pay U.S. social security taxes. These are the same rates of contributions being paid into the existing plan. 2) Without detailing the University's contributions and its apportionments to the various funding media, the University would set aside into its Provident Fund a total of 12.9% of payroll to cover the guaranteed retirement and other benefits or an increase of 1.9% of payroll over the 11% which is presently being set aside for benefits. For the year 1971-72, this would have cost the University an additional \$190,000; if all workers were to be included, 2.2% of payroll or \$219,000. This was a relatively small overall cost to provide what might be considered an equitable, adequate and vastly

improved pensions and benefit plan for faculty and employees.

Preparation of the Legal Document:

The new plan was submitted to the Board of Trustees at its June 1971 meeting requesting approval in principle to proceed in the writing of the new plan. However, during the course of Board discussion concern was expressed as to whether the University could in fact protect itself against future social legislation even though offsetting clauses were being incorporated into the Plan. A question was raised as to whether or not these could be applied at any point of time in the future in order to keep the University from being forced into an untenable position of excess costs and benefits over anything presently envisioned. On this basis and pending further studies, the request for approval of the plan in principle was tabled.

With this question uppermost in mind, the Administration and its advisors decided that the only way the question could be resolved was by the actual legal writing of the plan. All previous reports had been benefit analyses and cost studies. Marsh and McLennan were directed to proceed with the writing of the plan document.

The writing was completed in July 1971 and then began the arduous task on the part of all concerned to review it in its final draft. Legal opinions were requested as to whether the plan as written contained conditions which could prevent the University from changing, amending or terminating the agreement for reasons other than a "force majeure."

Legal Difficulties:

To everyone's consternation, the Administration received legal opinions from *two* separate sources to the effect that under Lebanese Law once a benefit is given or guaranteed and it remains in effect a few (unspecified) years it may become an "acquired right" and cannot be changed if the change were to result in a reduction in benefit, nor may it be terminated except by compensating each of the acquires an equivalent in kind. The new plan guaranteed benefits and in particular the 62% of final five-year average as a retirement benefit. This guarantee, in essence,

had been predicated on the basis that any increased benefit from another source, e.g. government decree or law, could be offset by the recognized terminal allowance. Death and disability benefits were also being provided. Thus, the Administration was forced to stop and reconsider its position in order not to commit the university forever into the future. It must be said that there was a considerable difference in the two legal opinions as to the risk involved. One suggested that there would be a 10% risk depending upon the writing of the plan and the other believed the risk would be considerably greater. As a result, the Administration believed that it could not, in good conscience, recommend the plan as written to the Trustees.

Other Alternatives Under Consideration:

While it might appear that some may say that the Administration had done a great deal of work has been done which did not provide immediate improved benefits for the faculty and employees, the work has been highly productive in many ways. Now the Administration knows what it can and cannot do in order to protect the interests of the University in regards to benefits. Knowing this, it is now a question of developing alternatives which will be to the best interests of both employee and employer. The Administration foresees no problem in meeting our retirement and benefits objectives insofar as Americans are concerned.

For the non-American, the problem is quite different. At present, it is looking into a savings type plan which will provide practically the same retirement benefit as initially envisioned in the new plan but without the pension guarantee which made the new plan untenable for the University. It may be necessary in this respect to go to a third-party guaranteed interest rate. The major problem for the moment is the current insurance contract which to a very large extent governs the present plan for those 305 employees who now belong. There are questions as to whether this can be renegotiated or possibly cancelled, and what we might need to provide in lieu of same for these 305 persons. Negotiations with the company are continuing, as well as studies on an alternative plan.

Vice-President George Hakim Praises New U.N. Secretary-General Dr. Waldheim

Dr. George Hakim, Vice President of the American University and former Foreign Minister and head of the Lebanese Mission to the United Nations, from 1959 to 1966 was interviewed by a National News Agency correspondent on the occasion of the appointment of his close friend, Dr. Kurt Waldheim as new U.N. Secretary General.

Dr. Hakim said that many reasons led to the election of Dr. Waldheim.

For one thing, he represents a neutral country, Austria. The neutrality of Austria is not only traditional or political like Switzerland or Sweden or like some countries of the third world, but it is a legal neutrality provided for in the constitution of the country and the treaty which was concluded in 1955. The U.S.S.R. approved the election of Waldheim for this reason and he was also supported by the other countries.

Secondly, his experience in the diplomatic field is long, over twenty years. He was several years the Ambassador of his country at the U.N. For two years he was Foreign Minister of Austria, when he concluded an agreement between Austria and Italy settling the dispute over the "South Tyrol."

Thirdly, he played an important role at the U.N. to clear misunderstanding among blocs, especially between the U.S.A. and the U.S.S.R. in outer space problems.

The two superpowers, the only two countries which explore outer space, had agreed on his election as chairman of the General Assembly Committee for the Peaceful uses of Outer Space. During his chairmanship of this committee, a number of agreements on outer space were concluded.

"I have represented Lebanon personally for many years on this Committee," Dr. Hakim added, "and I have observed the abilities of Dr. Waldheim, a successful diplomat."

Fourthly, in addition to his diplomatic experience Dr. Waldheim has several personal qualifications including his administrative ability which the U.N. needs most urgently in order to carry out administrative and financial reforms. Dr. Waldheim has already announced that his primary concern is to solve U.N. administrative and financial problems.

The Palestinian Problem

Answering a question on the importance of Dr. Waldheim's appointment as Secretary General of the United Nations, to the Arab World, Dr. Hakim said:

"The position of Secretary General of the U.N. makes him the

highest international official and it is essential for him to be completely neutral and objective. This does not mean that the Secretary General should remain inactive. On the contrary he should apply the principles of the U.N. Charter, and uphold international justice, and respect for international law."

"Because of this," he added, "I believe that Dr. Waldheim will no doubt strive to apply the principles and resolutions of the U.N., where Arab causes, and especially the Palestinian cause, are concerned."

Dr. Hakim concluded that it is generally accepted that the U.N. is undergoing a crisis which threatens its existence and effectiveness. Dr. Hakim added his hope that the new Secretary General will succeed in overcoming the weaknesses of the U.N. and strengthening the prestige of this world organizations. This cannot happen without the support of the great powers which hold primary responsibility in ensuring the success and increasing the effectiveness of the U.N.

Waldheim in Lebanon

Dr. Waldheim came to Lebanon on an official visit in 1969 returning a visit paid by Dr. Hakim to Austria when he was Foreign Minister in 1967.

Former Minister Hakim participated with late Haj Hussein Al Oueini in some of the talks held during the visit. Dr. Waldheim expressed his admiration of Lebanon and her wise policy which earned the friendship of various countries.

Attention had been called in the past to the rising cost of hospitalization and medical services and the rise in expenditure from HIP reserves. This has been due to a number of factors, not the least of which has been the increased demand for health services. Subscribers of HIP and members of their families have increased the frequency of their visits to physicians and have been in hospital more often than in previous years. As a result, the costs to the plan

Class	Regular Rates/Month		
	I	II	III
Subscriber	20.—	14.—	5.—
Man and Wife	36.—	25.—	9.—
Man and Wife and 1 child	46.—	32.—	11.50
M and W and 2 or more children	56.—	39.—	14.—
Spouse and 1 child	36.—	25.—	9.—
Spouse and 2 children	46.—	32.—	11.50
Spouse and 3 children	56.—	39.—	14.—
Adult of a subscriber below 65	11.—	9.—	3.—
Maternity	20.—	14.—	5.—
Maid			8.—

AUB Symphonic Band Presents "Winter Concert"



The AUB Symphonic Band presented its "Winter Concert" under the baton of Prof. Allen Hovey in Assembly Hall, Dec. 6. This year's concert included such items as the themes from "Love Story" and

"Bonanza."

The concert, popular as always, was attended by a great number of students and members of the AUB community as well as by people from outside campus.

Outlook Introduces Arabic Section

The AUB student publication *Outlook* started an Arabic section with its Dec. 14 issue.

The aim of the introduction of the Arabic section, according to Editor Namir Cortas, is to improve communication between students, and to give a chance to some of the students to enjoy and make use of a subsidiary section which

includes no news items.

"The Arabic section," Cortas wrote in an editorial in the Dec. 21 issue of *Outlook*, "is in no way aiming at alienating the non-Arab students." "Indeed," he continues, "it is a pity that *Outlook* cannot provide sections in the various languages that the students use at home."

Hospital Insurance Plan Rates Raised as a Result of Increased Expenses

have risen sharply in relation to the fees paid by subscribers, even though administrative costs have been kept at a very low level.

As a result of increased expenses, the Plan's financial reserves have been exhausted. It is therefore, necessary to increase the rates effective Nov. 1, 1971 (see below).

With this change in rates membership in HIP, which has been optional for personnel who are covered by the National Social Security Fund sickness and mater-

nity branch, becomes optional for all—faculty, staff and workers.

Under the new rate structure the University is forced to limit Third Class coverage to those subscribers whose basic salary is less than LL.750.-- per month and Second Class coverage to those subscribers whose basic salary is less than LL.1,500.-- per month. This does not prevent persons in these salary ranges, however, to choose if they wish membership in a higher class.

Regular Rates/Month	NSSF/HIP Suppl. Rates/Month		
	I	II	III
13.—	7.—	2.—	
23.40	12.60	3.25	
29.90	16.10	4.25	
36.40	19.60	5.25	
23.40	12.60	3.25	
29.90	16.10	4.25	
36.40	19.60	5.25	
6.—	3.—	1.—	
13.—	7.—	2.—	
		8.—	

Fine and Performing Arts Department Presents its 23rd Christmas Musicale



The Fine and Performing Arts Department presented its 23rd annual Christmas Musicale on Thursday, Dec. 23 in Assembly Hall.

The University Choir, 60 members, and Soloists with orchestra and organ, 27 musicians, conducted

by Prof. S. Arnita, presented excerpts from Mendelsohn's Hymn of Praise and other Christmas music.

The opening words were delivered by the Acting President, Dr. Craig Lichtenwalner. The entire

performance was broadcast through the Lebanese broadcasting system.

Institute on "Today and Tomorrow in Operating Room Nursing" Ends

The School of Nursing of American University of Beirut and the Department of Nursing Service, American University of Beirut Hospital, have recently concluded an Institute on "Today and Tomorrow in Operating Room Nursing." Twenty-three individuals attended the Institute with representation from Egypt, two; Jordan, two; Lebanon, nine; Saudi Arabia, ten; and Turkey, one.

Following the three-week Institute, November 15 to December 3rd, five graduate nurses are availing themselves of additional experience, ranging from two weeks to four months in AUB Hospital. Hospitals, administrators, supervisors, head nurses, physicians and Faculty of the School of Nursing participated in the program. Miss Maud Pearson served as program Chairman and deserves much credit for the success of the Institute.

The Committee on Continuing Education with Mrs. Lorena Yamine and Mrs. Wadad Shaya, Co-Chairman, is planning an Institute on Care of Coronary Patient to be offered June, 1972, for nurses in Lebanon and in the Eastern Mediterranean Region of World Health Organization.

Classical-Oriental Dancing Evening in West Hall

Next Tuesday, Jan. 18, there will be an evening of classical-oriental dancing in West Hall. The Sagas, the famous oriental dancing couple, have been invited by the A.U.B. Music Club to perform during that evening.

Faqir Hussain Saga is known among his friends as the "Dancing Vet" because he is a veterinary surgeon by vocation. A graduate in animal husbandry from the University of the Punjab, he is now working for his M.S. thesis at AUB. Mr. Saga took interest in dancing during his college days in 1954. His original interest was folk dancing, but he soon became engrossed in classical dancing.

In 1963 he was given a scholarship by the Indian Council of Cultural Relations for mastering his art in the Kathak School of Classical Dancing.

In Pakistan, the Sagas have performed for various visiting heads of states and other foreign delegations. They have also performed in various countries including Afghanistan, Iran, Turkey, China, Lebanon and Kuwait.

The performance is at 7.00 p.m., in West Hall. The tickets for 5,2 and 1 L.L. are available at West Hall office.

Diana Taky Deen Performs in Egypt

Prof. Diana Taky Deen of the Fine and Performing Arts Department has performed as guest artist during the centenary festivities commemorating the first performance of Verdi's opera "Aida" in 1871.

As official guest of the Egyptian government, the Lebanese pianist has given recitals at the Palace of the Ministry of Culture in Cairo and Alexandria.

Silent March for Osseiran

On Tuesday, Jan. 4, friends of Abdallah Osseiran at AUB called for "a silent march" concerning the assassination of the AUB alumnus which had taken place two weeks earlier.

About 200 people participated in the march which took place at noon and which was followed by a press conference held at West Hall in which Abdallah's friends announced that they were planning to start an Abdallah Osseiran scholarship.



Omar Abu Richie, the famous Syrian poet, was the guest of honour of the Syrian Student Society's "Haflat Al-Samar" which was held in West Hall on Monday, Dec. 20th. Elections for the President of the society took place. The reception of "Haflat Al-Samar" included many sketches, made by students, bingo, and the lottery. Food which was served during the reception was brought from Syria especially for the event. Maria Yedizian was elected as Miss S.S.S., Randa Daadush and Wadad Rabbat as first and second maids of honor.

Maria Yedizian, a Biology Ma-

yor from Aleppo, Syria, speaking to the Bulletin said that it was the first time she had taken part in a beauty contest.

"I felt neither happy nor sad," she said. "A beauty contest is like a game, but with no winners and no losers. I did not feel like a winner at all."

"I would like to do some modelling," she said, "A girl must look and behave in a sophisticated manner, and modelling helps in that."

"I would like to work as a Biologists when I graduate, although I have no definite plans for the future."

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Eleventh Annual Research Report Published

The Eleventh Annual Research Report for 1969-1970 has recently been published by AUB.

Research in the Faculty of Agricultural Sciences was conducted in the fields of Agricultural Economics and Sociology, Animal and Crop Production, and Protection, Food Technology and Nutrition, and Soils and Irrigation.

Research was also conducted by the various departments of the Faculty of Arts and Sciences, Engineering and Architecture, and the Medical Sciences.

These presented to the various departments are listed in the appendix.

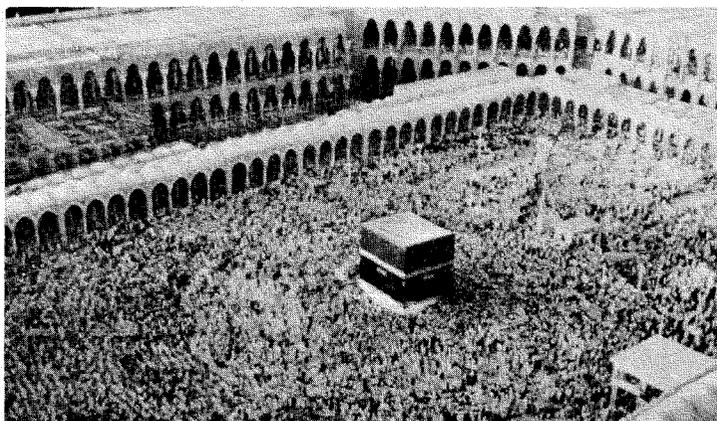
In a forward to the publication, President Samuel B. Kirkwood writes: "As a regional University serving the lands and people of the Middle East the four Faculties ... give emphasis to research phenomena and problem-solving relative to the social and economic betterment for people of the Middle East whom the University has served for more than a century."

"The close association of the University faculty with colleagues in the area, and indeed the publication of this report itself are contributing factors to dynamic and growing research efforts on the part of institutions of higher education and government agencies of the region. Scholars and scientists whose accomplishments are recorded here are to be congratulated for their contribution to the growing body of scientific knowledge and to this development in the Middle East."

Prof. Carswell Records Programme

At the invitation of the British Broadcasting Corporation, Professor John Carswell of the Department of Fine and Performing Arts has recently written and recorded a programme on *Islamic Art and Architecture*. The programme is to be broadcast in Britain early in 1972, as one of

Id al-Adha, "The Feast Of Sacrifice"



Lo! the first Sanctuary appointed for mankind was that at Baccab (Makkah)...Blessed, and a guidance to all peoples.

Muslims in Lebanon and all over the world will celebrate next week "Id al-Adha." On this occasion the Bulletin extends its best wishes to all Muslims.

The "Great Feast" or 'Id al-Adha' i.e., the Feast of Sacrifice, is one of the two great festivals in Islam.

The Feast of Sacrifice, 'Id al-Adha', is derived from duha, the early part of the day, and dahha, i.e., he sacrificed at the time of the duha (morning).

The festival of 'Id al-Adha' is in its essence a commemoration of the great sacrifice of the Prophet Ibrahim (Abraham). It was in the month of Dhu'l-Hijja, as it is related in the Quran, he had a vision that he was to sacrifice to Allah his son Ismail. "The Prophet Ibrahim told his son, 'O my son, I see in vision that I offer you in sacrifice'. The son said, 'O father, do as you are commanded, you will find me, if Allah wills, one practicing patience and constancy'. So when they had both submitted their wills to Allah and he laid him prostrate, on his forehead for sa-

ten half-hour programmes devoted to the Arab world and entitled *The Arab Heritage*. The series covers the history and culture of the Arabs, and is to be broadcast at peak listening time in the early evening.

The Bulletin, for the benefit of its readers, presents a brief explanation of the meaning of this feast, written by Prof. Syed Jafri, Associate Professor of Religious Studies at AUB.

sacrifice, we called out to him; 'Ibrahim you have fulfilled the vision' ... for this was obviously a trial ... and we ransomed him with a momentous sacrifice."

It is thus in commemoration of the sacrifice of Ibrahim and Ismail that for three days—the 10th, 11th and 12th of Dhu'l-Hijja—the pilgrims offer sacrifice in the valley of Mina on their return from Arafat at the occasion of the Hajj.

It was some years after this Great sacrifice that Ibrahim and Ismail built the 'Ka'bah' as the 'House dedicated to God', and made it a center of worship and pilgrimage. In course of time, however, it was corrupted by the pagans and became the center of pagans' pilgrimage. When the Prophet of Islam declared his mission he revived the original sanctity of the House of God and instituted the duty of Hajj on every Muslim, male and female, to perform the Hajj once in a life time if material means permit him.

Pilgrimage to Mecca (Hajj) is, therefore, one of the five Pillars of Islam and consequently it enjoys eminent place among Islamic religious institutions.

Commission on Student Participation to Submit Recommendations

Professor Joseph Asmar, Chairman of the Senate Commission on Student Participation stated Jan. 12 that the Commission will submit, before the end of this month, its recommendations concerning a student representative organization and student participation in University life.

He also stated that the Commission consisting of Faculty, Students, Alumni and Administration working as a study group spent considerable time examining all aspects of student participation and also reviewed the text of the constitution under which the former Student Council operated. This Commission has been meeting regularly since September 1971.

Final Exams to Start Feb. 5

It has been announced by the Dean of Arts and Sciences that the final examinations for the first semester of 1971-72 will begin Saturday, Feb. 5, at 8 a.m. and will continue through Monday, Feb. 14. Because Wednesday, Feb. 9, is St. Maroun's Day, no examinations will be held on that day. Classes end Saturday, Jan. 29 at 1 p.m.

AUB's Motor Pool Reorganized

Herbert K. Ruetzel, Director of Business Services, has reported that Business Services has completed a reorganization of the motor pool of AUB. The reorganization is aimed at increased productivity of staff and equipment. Effective Feb. 1, the staff in the motor pool has been reduced by five people and the fleet of rental cars reduced from seven to three vehicles. Business Services is now negotiating with major taxi companies to develop a contract under which the University would use taxis for any transportation that cannot be provided by University vehicles.

It is expected that these changes will bring about a considerable reduction in the overhead of this activity and at the same time assure a more efficient service.

Coming Events

SUNDAY, JAN. 23

Student Concert (Student-piano of Marie Chaglasian). West Hall Auditorium. By invitations. 4 p.m.

MONDAY, JAN. 31

Lecture by J.L. Capps on "Emerson, Dickinson and Frost." West Hall Lecture Room. 8 p.m.

WEDNESDAY, JAN. 25

Concert by the AUB Instrumental Performance Class of the Department of Fine and Performing Arts. With Eileen Hadidian, Arpi Yacoubian, Roger Nucho, Garry Leisman and Pierre Heykal. Assembly Hall, 7 p.m. Free entrance.

Valentine Dinner Dance

The Women's Association of AUB's next activity will be the "Valentine Dinner Dance," to be held on Feb. 18 at the Hotel St. Georges.

A number of lady-members of the Association will be going around the various Faculties for the sale of tickets.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain Rev. Robert C. Walker, Jr.

Al-Adha for Non-Academic Personnel

Al-Adha will most likely begin either on Tuesday, Jan. 25 or Wednesday, Jan. 26. The first day of the feast will be a holiday for the non-academic personnel.

The Director of Personnel announces that any Employee or Worker who is required to be on duty by reason of regular shift work or for performing essential services on that day will be so advised by his supervisor and will be granted a compensatory day off within a period of 45 days from the holiday. In case it is not possible to grant a person a compensatory day off within a period of 45 days from the holiday, he will be paid at the regular pay rate for working during this day.

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Editor: Radwan Mawlawi.
Reporters: Alexandros Vikis,
Nabil Nusayr.

The Budgeting Process-One of the most Democratic Processes in AUB

Increasing demands on resources caused by rising operating costs of both continuing and expanding programs have created financial problems and pressures not experienced in recent operating periods. The next article in this series will concentrate on specific financial problems and alternative solutions. But first it is necessary to review our current budgeting process and to correct a few misconceptions concerning it.

"College and University Business Administration" defines a budget as "statement of proposed expenditures for a fixed period or for a specific project, or program, and the proposed means of financing the expenditures." For the purpose of this article we shall further qualify the budget as the

Professor Neelson to Lecture at AUB

The Sigma Xi Society of AUB is sponsoring a public lecture on "Bacterial Luminescence in the Marine Environment and their Symbiotic Relations with Fish." The lecture will be given by Prof. Kenneth H. Neelson on Monday, Jan. 31, at the Faculty Lounge, Ada Dodge Hall, 8 p.m.

Prof. Neelson, from the Biological Laboratories of Harvard University, has been studying the physiological and genetic mechanisms used by marine bacteria to luminesce. Luminescent enzymes have an unusual and highly interesting capacity to create an electronically excited state. The enzymatic intermediates may represent unique states involved in energy storage and conversion. Many of these luminescent bacteria live symbiotically with fish, sometimes in a pouch below the eye, and are used by their fish-hosts in mating responses and predator avoidance.

Bookstore Sale On

The AUB Bookstore announces that surplus stock in the AUB Bookstore is being sold at substantial reductions at the sale held in the AUB Bookstore in West Hall.

This sale is being conducted because of the necessity of providing space in the Bookstore for next year's stock. It started Wednesday, Jan. 19 and will continue through Friday, Jan. 21.

The surplus consists of text and reference books covering subjects taught in previous semesters in the departments of Arts and Sciences, Agriculture, Engineering and Architecture and Medical Sciences.

annual financial operating document of planning and control through which the various programs and activities of the University are effectively carried out. Once the budget is approved by the Board of Trustees, it provides authorization to commit funds and collect revenues.

The negative viewpoint is often voiced that the sole function of the budget is to place stringent limitations on programs. Although one purpose of the budget is to insure that we don't spend in excess of our resources, its predominant feature is to express the coordination of anticipated expenditures with estimated resources. Since we do operate with scarce resources, we must allocate these resources to best serve the University community: the students through instructional programs, the faculty through research, and the public through public service programs. Overspending of the budget can only be covered by liquidation of capital funds (endowment)—a self-defeating practice.

A general misconception is that the budget is either the product of the Board of Trustees or the President; the wishes of the Vice President for Administration or the Budget Office; or even the desires of a certain segment of the faculty. Budgeting is probably one of the most democratic processes in our institution. It is an instrument that tends to meet the requirements of all functions and programs of the University.

The budget is structured and related to both our functional organization and accounting system. Its nucleus is the operating department, and the head of each such unit prepares and is guided by his resource allocations. Departmental budgets are subdivided into three object categories: (1) personnel services (salaries, wages, and benefits), (2) general expenses (supplies, communications, maintenance, travel, etc.), and (3) equipment, alterations, improvements and books.

The budget is prepared in two broad phases: (1) determination of expenditures, and (2) estimation of revenues. Since the expenditures budget must be built up from the departmental level, it precedes the estimation of revenues.

In preparing income estimates, the Budget Office with the assistance of the Comptroller and the Directors of Auxiliary Enterprises plays the key role. Income from regular tuition, endowment, the hospital, sales of services and au-

xiliary enterprises can be estimated in advance with a reasonable degree of accuracy. The revenues from U.S. Government appropriations (a major income factor), gifts, and sponsored research decrease the following calendar is appended heavily on environmental factors. We are usually halfway through the operating year before accurate estimates of these revenues can be made.

Throughout the budgeting process:

October The President in consultation with the Budget Review Committee set forth the budget guidelines for the following fiscal year—1 July to 30 June.

November Budget request forms and instructions are distributed by the Budget Office to Deans and Department Heads.

November & December After reviewing their programs, Deans and department Heads prepare budget requests. Proposed budgets are then reviewed with the Budget Office to insure adherence to the President's guidelines. It is important to note that these guidelines are congruent with the University's goals and objectives.

December The Budget Office estimates revenues and consolidates all budget requests with supporting analysis for presentation to the Budget Review Committee.

January The Budget Review Committee consisting of the Provost, Vice President for Administration, Deans, Comptroller and the Budget Officer examines the preliminary budget and supporting analysis. Questions on specific budget requests are discussed with the department heads concerned.

January The Budget Review Committee submits the proposed budget to the President with alternative suggestions for meeting any projected deficit.

February The President presents the proposed budget with his recommendations to the Board of Trustees for their initial approval.

March Distribution of the proposed budget is made to the respective faculties and organizational units.

June & November Dependent on significant changes in environmental and/or decisions variables, a budget revision is prepared.

February The final revision of the operating budget is approved by the Board of Trustees.

Long-range planning and program budgeting will be the subject of future articles.



An exhibition of building systems sponsored by the British Council in association with the Faculty of Engineering and Architecture of AUB was opened Jan. 10 in Jafet Library.

The exhibition showed a wide

selection of the principal building systems now in use in Britain. Examples of steel, concrete, timber, and plastic systems were shown as well as light steel frame systems, standard structural frames and box

systems. The suitability of these systems for schools, hospitals, factories, houses and other purposes was indicated for each item.

The exhibition which opened Jan. 10 ended Jan. 15.

AUB Faculty Status for 1971-1972

AUB's full-time and part-time appointments for the academic year 1971-72 total 547. Faculty of Arts and Sciences 227; Faculty of Medical Sciences 79; School of Public Health 35; School of Pharmacy 15; School of Nursing 39; Faculty of Agricultural Sciences 36; and Faculty of Engineering and Architecture 56.

The table shows analytically the Faculty status for 1971-72.

	FACULTY STATUS 1971-72						
	A&S	Med. Sch.	Pub. Health	Pharm.	Nurs.	Agric.	Eng. & Arch.
<i>Full time appointments</i>							
PH.D.	151	11	3	7	—	33	26
M.D.	—	60	11	—	—	—	—
M.A., M.S., M.B.A.	23	—	6	2	5	1	6
Other	16	3	8	3	16	—	6
Total	190	74	28	12	21	34	38
<i>Part time (Above 50%)</i>							
PH.D.	—	—	—	—	—	—	3
M.D.	—	—	—	—	—	—	—
M.A., M.S., M.B.A.	5	—	—	1	—	—	6
Other	1	—	—	—	11	1	8
Total	6	0	0	1	11	1	17
<i>Part time (Below 50%)</i>							
PH.D.	13	1	—	—	1	1	1
M.D.	—	4*	5	—	2	—	—
M.A., M.S., M.B.A.	12	—	1	1	3	—	—
Other	6	—	1	1	1	—	—
Total	31	5*	7	2	7	1	1
GRAND TOTAL	227	79	35	15	39	36	56

Summary: Total Faculty Appointments

Full time 397
 Above 50% 26
 Below 50% 54
 *Plus Clinical Appointments 70

UNIVERSITY TOTAL .. 547

AUB's Systems and Procedures Office

First we should ask these two questions:

What is a System? A system is an "integrated set of related procedures to accomplish a specific phase of a total business operation."

What is a Procedure? Whereas a system is a set of related procedures, a procedure is a combination of unified elementary processes that carry out some specific objective."

The University Systems and Procedures Office which operated until recently under the Comptroller and now operates under Management Information Systems is a two-man operation. Since July 1968, the office has undertaken the study of numerous projects and published a total of twenty (20) procedures in addition to a number of interim directives. The Systems and Procedures Office works closely with the Computer Center in order to computerize administrative and financial functions of the University and Hospital which in recent years have increased as a result of the increase in the student body, academic personnel and non-academic staff.

Additionally, the Systems and Procedures Office is entrusted with the design and control of forms used throughout the University and Hospital.

The major objective of the Systems and Procedures Office is "to develop systems that provide optimum effectiveness in management."

Achievement of the objective is related to the following specific goals.

1. "To promote the economical use of all resources—money, manpower and facilities.
2. To provide data to management that is useful, timely and accurate.
3. To simplify and standardize procedures.
4. To provide for the continuity of operations in the event of death, retirement or discharge of key personnel. This requires written procedures.
5. To promote the optimum use of the computer.
6. To study current developments in equipment and techniques so that full advantage of improvements may be obtained.
7. To assist in the guidance and orientation of Management personnel by providing written instructions in procedures manuals.

From the Local Press

● President Kirkwood's statement concerning the readmission of suspended students who have petitioned for reconsideration of their cases was carried by all the prominent local papers.

A number of local papers carried the television interviews of Provost Thabet and Vice President Hakim. In the interviews Provost Thabet and Vice President Hakim had explained the reasons behind President Kirkwood's decision to lift the suspensions of the suspended students who had petitioned for readmission.

● Most papers carried the statement by Prof. Joseph Asmar, Chairman of the Senate Commission on Student Participation, on the submission of recommendations by the end of January concerning plans for a student representative organization. (The statement was also broadcast by the Arabic service of Radio Lebanon.)

● *Lisan El-Hal* mentioned that the Ministry of Education is currently examining some school books whose content is contrary to Lebanese religious and moral standards, in order to remove such books from school curricula.

● *Al-Jambour*, a weekly magazine, in an article titled "University Graduates: Many diplomas but no work," described the problems facing University graduates looking for jobs.

● The most important items in the sections on student affairs in the local press were reports about Speakers' Corner and the General Assembly concerning the reinstatement of the Student Council. (For details of the General Assembly see story elsewhere.)

Most of the papers described the proceedings at Speakers' Corner as quiet and insignificant.

University Choir Rehearsals

Members of the Community, Faculty, and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicale (Sunday, March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall, room 108. Female voices at 6 p.m. and male voices at 7 p.m.

The "Seven Last Works" by Dubois and other appropriate music will be presented. The first rehearsal stated Monday, Jan. 17.

● *An-Nabhar* carried a story on a press conference held by students of the Technical School, who have been on strike since last Monday. The students' demands are according to *An-Nabhar* the creation of an engineering school in the Lebanese University in French and English; Finding jobs for graduates; Cancelling the exams; and expanding and improving technical teaching.

● The students are also in favour of the creation of a union for government technical school students.

Al-Anwar carried a commentary on the General Assembly held on Thursday at AUB. The commentary started with President Kirkwood's announcement concerning the re-admittance of several students who had participated in last year's strike.

Al-Anwar added that with this decision the student movement at AUB has achieved its basic demand, and that the President has kept his promise to the students and even went farther by pardoning all students who were placed on probation following the Nicely strike in the beginning of this school year.

In an interview with *Al-Anwar*, Amer Bibi, President of the Arts and Sciences Society, denied that the purpose of the Student Council was to cause disorder. He said that the Student Council has always worked for achieving the syndical demands of the students.

On student participation, Bibi said that there should be student representatives on all the Committees of the Administration.

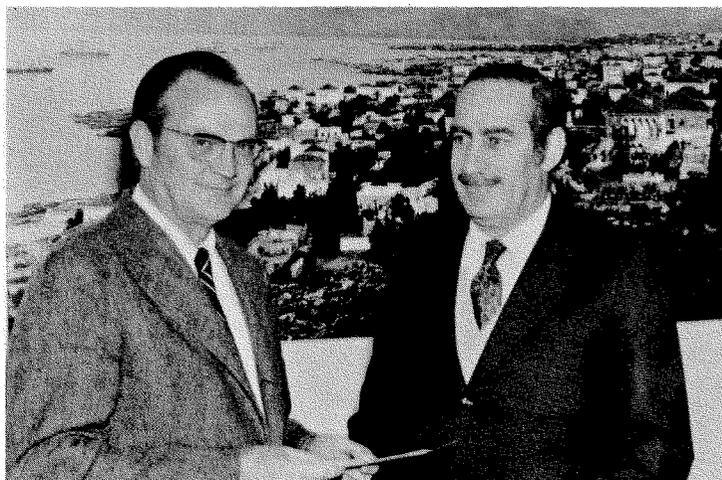
AUB in the American Press

The Watertown Daily Times of New York, Easton Express of Easton P.A., and the Leader-Herald of Gloversville, New York, carried a syndicated story by Marquis Childs on the foreign aid AUB gets, and the influence of AUB.

"As evidence of the influence of the University," Marquis Childs writes, "four members of the present (Lebanese) Cabinet, including the Prime Minister Saeb Salam, are graduates (of AUB). At least six of the director-generalships in the bureaucracy are also out of AUB. And many other graduates are in public service posts throughout the Arab World."

"Technically, and AUB with its laboratories and advanced research has moved into the technological orbit, the influence (of AUB) is great," he writes. "Politically (the influence) is slight."

ARAMCO Donation to AUB for Saudi and Palestinian Students



The Arabian American Oil Company (ARAMCO) has recently donated \$100,000 to the General Fund of AUB. The donation is used to offset part of the costs incurred by the University for Saudi Arab students and Arab students from displaced Palestinian families.

In 1970 ARAMCO donated \$115,000 to AUB. The donation was also used to underwrite part of the cost of Saudi Arab students and Arab students from displaced Palestinian families, and also to strengthen the School of Nursing-

program.

During the current academic year 57 students from Saudi Arabia and 137 Palestinian students are enrolled in AUB. Educational costs for these students were only partially covered by tuition during the academic year 1970-71.

The check was presented to Dr. Craig Lichtenwalner (left), Dean of the Faculty of Medical Sciences by Shefik Ombargi (right), Representative of ARAMCO Overseas Company in Beirut.

Students' General Assembly Discusses Reinstitution of Student Council

A General Assembly was held Thursday 6 p.m., Jan. 13, in the Assembly Hall, to discuss the problem of the reinstatement of the Student Council. The Assembly was called by various students' societies.

Three statements were distributed, one by the "Committee for an Independent Student Council," one by the "Committee for the Defence of Democratic Rights on Campus," and one by the PPS student group (in Arabic).

The first two statements called for the setting up of an independent Student Council. The third statement demanded the re-institution of the Student Council.

During the Assembly several speakers representing the various student societies urged for the re-institution of the Student Council.

A proposal was then read out to the students calling for the immediate re-institution of the Student Council. A majority of the students present voted in favor of the proposal. Immediately after, several students wanted to ask questions. A representative of the "Committee for the Defence of Democratic rights on Campus" tried to read out the statement

already circulated. At that point the students started leaving the Assembly Hall, and the assembly was hastily adjourned.

Arab Code for Reinforced Concrete Published

The Arab Code for Reinforced Concrete, prepared under the auspices of the Union of Arab Engineers by an executive committee chaired by Prof. Jack Nasser of AUB's Faculty of Engineering and Architecture, has been completed and printed in 200 copies. It is expected that within the next two months about 2,000 more copies will be printed and distributed to all members of the Union of Arab Engineers.

The code has been distributed to the Syndicates of Civil Engineers which are members of the Union of Arab Engineers. The Code consists of 14 chapters, 12 of which were written by Prof. Nasser, and has 405 pages. It is written in Arabic, but international notations and symbols are in Latin and Greek characters. As a result the Code will be connected to the Codes of other non-Arab countries.

American University of Beirut bulletin

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THURSDAY, JANUARY 27, 1972

Unesco Announces International Book Year

Mr. Rene Mabeu, director-general of UNESCO, has issued the following statement, reprinted here fully, on the occasion of the U.N. International Book Year, 1972.

As we embark on the year 1972, which has been unanimously proclaimed International Book Year by UNESCO's General Conference, I invite all the countries of the world to join in this great venture, each according to its resources and needs, and to adopt the Year's slogan "Books for All."

For thousands of years, the written word and, for centuries, the printed word, have played a vital role in the preservation and transmission of knowledge. They have been man's most effective ally in fashioning his thought and in his conquest of freedom. Even if certain cultures have been founded on communication by word and gesture, these cultures can no longer hope to survive or indeed develop in the modern world without recourse to the written word.

The book is the most dependable and most convenient instrument of communication ever devised by man. With the book, the human mind for the first time was able to conquer time and then space. In the past quarter of a century, we have witnessed the development of the book as one of the means of mass communication and we must not fail to recognize the role and place of the book in the service of the new spirit of community that the mass media have made possible.

There exists in the world today a tremendous need for reading. So great is this need that for large portions of the world's population one can speak of a veritable "book famine." Yet, while the technical revolution that has taken place in the production and distribution of books has made it possible to place on the market an ever-increasing number of relatively inexpensive, good quality books, the developing countries are suffering from a scarcity of books that is becoming more acute as educational opportunities grow.

The developing countries at present produce no more than one-

UNESCO's Motto:

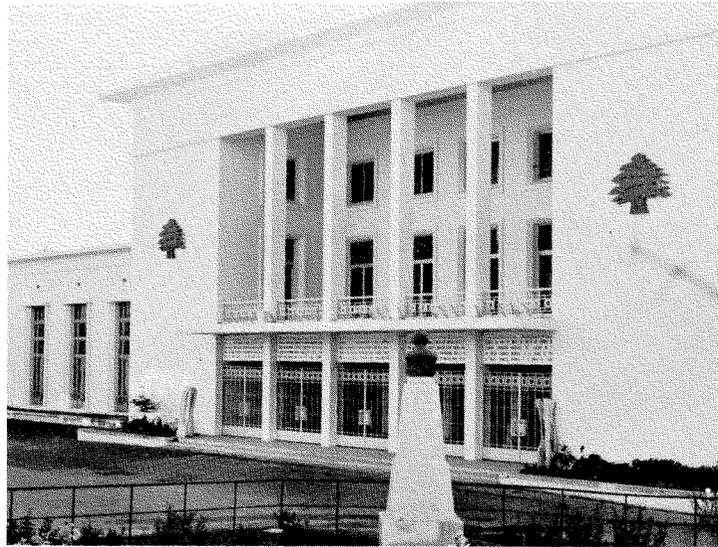
"Books For All."

A Lebanese Committee for the International Book Year has been created by a recently issued decree. It will be presided over by Dr. Najib Abu Haidar, the Min-

Lebanon's Motto:

"A Library For Every Home."
"Every Lebanese Is A Reader."

ister of Education. Prof. Antoine Karam, of the AUB Arabic department, is a member of the Committee, representing the Friends of the Book Society.



UNESCO building in Beirut built 1948 on the occasion of the UNESCO conference held in the Lebanese capital.

fifth of the total number of books published in the world, so they must rely on book imports from abroad to help meet at least part of their needs. In the long run, their full requirements can only be met by setting up their own national publishing industries.

UNESCO's world programme for the promotion of books aims specifically to redress this serious imbalance between the developed and the developing countries. But the problem is not only one of quantity.

It is equally or more important that the book—the unparalleled instrument for setting down man's wisdom and knowledge—promotes individual fulfilment and social progress; that it gives all persons a chance to appreciate the best that the human mind has to offer

the world over; and that it serves to create a better understanding between peoples as a necessary step toward a true and lasting peace.

Even in countries with a thriving publishing industry, the book has by no means as yet become an integral part of everyone's life. These countries have no problem of getting the book to the reader, thanks to their extensive distribution systems and outlets. More of en than not, the real problem for many of them now (though it varies considerably from country to country) is how to get the reader to the book. This is borne out by the high percentages of non-readers revealed by recent surveys.

Has the time not come for a full re-appraisal of the problems of publishing so that electronic

and audio-visual techniques which are exerting a growing influence on books may be placed at the service of the publishing world? Since the book can no longer be isolated from the other major information media, should we not re-examine its role in society?

These are the kinds of problems the world community is invited to ponder during International Book Year so that solutions may be worked out with the help, of course, of public authorities, but also with that of all types of institutions whether they be regional, national or international as well as private individuals.

If International Book Year must be, above all, a national effort within each country aimed at mobilizing energies and resources and sparking off concrete initiatives, it must also be a vast movement of international co-operation.

In view of the immense needs of the developing countries, governments and bodies administering bilateral or multilateral aid programs should make available to these countries the necessary technical and financial assistance to promote national book production and distribution.

During International Book Year, a preponderant role will naturally be played by the organizations grouping the professional members of the book world—such as the authors, publishers, librarians and booksellers who have been closely associated with the launching of International Book Year and who have further demonstrated their cooperative spirit by adopting a common "Charter of the Book."

But International Book Year is above all the concern of the millions of ordinary people for whom reading books is part of their daily occupation, or a means of personal enlightenment or a source of escape and reverie—in a word, inseparable from happiness and the dignity of living.

Let us all work and act together to make "Books for All" a reality for all.

Coming Events

FRIDAY, JAN. 28

"Othello," starring Sir Laurence Olivier. Film shown at the British Council. Tickets sold at the Council. The show will be repeated on Monday, Jan. 31.

MONDAY, JAN. 31

Byron Porter Smith Lecture Series, "Emerson, Dickinson and Frost," Lecture by Prof. J.L. Capps. West Hall Lecture Room, 8 p.m.

MONDAY, JAN. 31

"Where are you going?" Lecture-discussion with the Rev. Donald Wilkerson. The discussion will be on the drug problem. Gulbenkian Amphitheater, 8 p.m.

Valentine Dinner Dance

On February 18, the Women's Association of AUB will be giving a "Valentine Dinner Dance" at the Hotel St. Georges in aid of scholarships to AUB students.

Tickets are available at the Alumni Office and at West Hall for 25 L.L. per person, including dinner and wine.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain Rev. Robert C. Walker, Jr.

Choir Rehearsals

Members of the Community, Faculty and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicale (to be presented Sunday, March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall, room 108. Female voices at 6 p.m. and male voices at 7 p.m.

The Seven Last Works by Dubois and other appropriate music will be presented.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Editor: Radwan Mawlawi.
Reporters: Alexandros Vikis, Mona Audeh, Nabil Nusayr.

R.A. Mawlawi Appointed Director of Information

Radwan Adel Mawlawi has been appointed Director of Information of AUB. Mr. Mawlawi earned the Licence in Economics and Political Science in 1955 and the Master of Science (Economics) at the University of London in 1960.



As Program Assistant, Arabic Service, BBC, London, he served as news editor, producer and radio commentator; he also served as editor of "Huna London Magazine," published by BBC.

Since 1964 he has served as Director of the National News Agency of the Lebanese Ministry of Information, and has participated in a number of international information conferences as a delegate for Lebanon.

Mr. Mawlawi has also taught at the National Institute for Administration and Development of the Civil Service Board; at the School of Commerce of the Arab University of Beirut, where he taught International Relations; and also at the Institute of Communications at the Lebanese University.

Prof. Munro Returns From Khartoum

Prof. John Munro, Associate Dean of the Faculty of Arts and Sciences, recently returned from a visit to Khartoum where he spent four days at the invitation of the British Council. While there he had consultations with members of English departments in the schools, and assessed the standards of teaching English as compared to those here. During his stay in Khartoum he toured several schools and universities.

Prof. Munro met Yusef Badri, an AUB alumnus and now principal of the Girls' Technical School. "It was interesting to discover a very active group who have launched a fund-raising campaign for AUB." Prof. Munro told the Bulletin reporter.

Prof. Arnita's Press Conference on Occasion of Release of Cantata

In a press conference at the Alumni Club Monday, Professor Salvador Arnita of the Fine and Performing Arts Department announced the release of his latest work, "Identity Card," Cantata Drammatica. Among those present were the representative of the Minister of Education, and AUB Vice President Dr. George Hakim.

"Identity Card" is based on a poem by famed Palestinian poet Mahmud Darwish. Professor Arnita said that the work was presented for the first time, under his baton, in the Sayed Darwish Hall in Cairo, with the Cairo Symphonic Orchestra, and the Cairo Opera Choral.

Professor Arnita described the cantata as "a choral piece whose main theme is a struggle which develops into the form of a musical drama." Most of the material for the piece was adapted from several popular Arab and Palestinian folk songs.

He revealed that the cantata was recently recorded in Beirut, but that there were many difficulties because "Beirut lacks a symphonic orchestra and a professional choral group, which makes the execution of such a project very difficult."

Write down, write down: I am an Arab

A name I have, but title none;

I do forebear in a land wherein

Bubbling wrath feeds everyting.

Write down, write first atop the page:

of people I hate none and surely rob no one.

But if I starve my meat shall be

the flesh of him who did rob me.

Beware, beware to have me starve

Beware, beware my wrathful rage.



Tuani Talks to Public Relations Students

Ghassan Tuani, publisher and editor of *Al-Nabar* newspaper, talked recently to AUB Public Relations students. John Fistere, lecturer of Mass Communications of the English Department of AUB, in introducing Tuani to the students described him as "the father of public relations in Lebanon." Tuani started the first public relations firm in Lebanon in 1958.

"Public Relations is the way you practice it, not what you learn in a course," Tuani told the stu-

dents. "The public has the right to know everything," Tuani, a former Cabinet Minister and former Deputy-Speaker of Parliament, said. Throughout the lecture he stressed the importance of accurate and objective reporting. "Journalists," he said, "tend to think of public relations people as parasites who want a free ride." This need not be so, he said, as long as a public relations man is truthful and is able to gain the confidence of people. "For a Public Relations man," he concluded, "credibility is essential."

Memories of the Late Mrs. Nickoley

On Jan. 13 the Bulletin announced the death of Mrs. Edward F. Nickoley, first Dean of Women at AUB. Mrs. Nickoley passed away Jan. 4th, in Rochester, Minnesota. She was 97.

Both Mrs. Nickoley and her husband, held positions of prominence at AUB. Prof. Nickoley served as professor of Economics, Acting President as well as Dean of Arts and Science from 1903 until his death in 1937.

In the following paragraphs, Archie Crawford, Vice President of IC, records some memories of the late Mrs. Nickoley.

My first memory of Mrs. Nickoley was, about 1908, sitting in Sunday morning Chapel Service. The Nickoleys always sat in the row behind my family, and Prof. Nickoley used to slouch down in his chair and his knees pushed through the vertical bars in the back of my chair.

They used to live in the upper storey of what is now the home of Ambassador Nadim Dimashkiyeh, opposite Fisk Hall. They had a white cat which they called Togo, after the Japanese Admiral who defeated the Russian fleet in 1905. The cat liked to sleep in a room where they kept charcoal (no gas heaters in those days;) Togo became quite black, so Mrs. Nickoley would smear butter on the cat, who licked off the butter, thus removing the charcoal dust.

When I returned from college in the US in 1971, to teach in Prep, Prof. Nickoley served as Acting President until 1924, and we young teachers liked to go to their house for Sunday tea, where Mrs. Nickoley's ability in conversation and discussion was very popular. And as Dean of the School of Commerce he was always concerned with the commerce, football and sports.

Mrs. Nickoley was adviser to the first years when girls were admitted, and she also was Librarian (the library was in the east wing of College Hall;) she was very strict in stopping noise and conversation.

The Nickoleys enlarged and rebuilt an old structure which had served as a small dairy project, and it had a lovely big porch overlooking the football (now Green) field. One warm moonshiny evening they gave a party to celebrate the Dean's 60th birthday. As we sat around the porch I told those next to me a story of a "spoonerism," and they insisted I tell it to the whole crowd. The story goes that old Professor Spooner was selected at a dinner, to propose the traditional toast to the then Queen Victoria, and as usual he got mixed up and came out with "Here's to our

chance to express my
gratitude for the chance
afforded me to be
a part of the endeavor
to widen the horizon
and deepen the
knowledge of the
youth of the Middle
East. They, too,
widened my vision
and deepened my
knowledge in
many many ways.

Part of a letter sent by Mrs. Nickoley to President Kirkwood in 1967, after her donation of \$500 to AUB.

Queer old Dean." Mrs. Nickoley was a good sport and laughed, but she must have thought it in poor taste to make fun of her husband.

A few years later Prof. Nickoley died, and his wife moved to the US. Even though her husband was professor of economics he had not become rich, so for many years Mrs. Nickoley worked as house-mother and counsellor in a sorority house (women students' secret Greek-letter resident groups) in the University of Illinois, her husband's Alma Mater.

When her health failed she moved to Rochester, Minnesota, seat of the famous Mayo Clinics, to live near her daughter. I visited her there several summers ago. She was 93, she could not hear very well, or see very well, or walk around very well, but she could still talk as fast as ever, and was full of questions about AUB, and the Near East. She lived in a tiny apartment, where she knew the location of every chair or dish or spoon—ruggedly independent.

When she was physically unable to live alone, she moved to a nursing home, but hated being dependent on others. She wrote me a letter—it was hard to read as she could not see her hand-

writing—and she said that she was nearing the end, that from her limited resources she wanted to donate \$500 to AUB's scholarship fund and asked how she could do this. I told her the procedure, and a bank check soon arrived. I believe she repeated this later, and now that her long life of 97 years has come to an end, her will has a bequest to the University.

We must not forget such figures in our University history.

Archie S. Crawford

Final Exams to Begin Feb. 5

It has been announced by the Dean of Arts and Sciences that the final examinations for the first semester of 1971-72 will begin Saturday, Feb. 5 at 8 a.m. and will continue through Monday, Feb. 14. Because Wednesday, Feb. 9, is St. Maroun's Day, no examinations will be held on that day. Classes end Saturday, Jan. 29 at 1 p.m.

Make-up final examinations for students who were absent from the examinations for valid reasons will be given within two weeks after the beginning of the second semester for first semester courses.

Founder's Day Celebrated in The US.

AUB's 105th anniversary was celebrated in several cities in the United States during Dec. AUB Vice President Robert Crawford attended most of the receptions given and spoke on AUB.

The reception in New York was attended by more than 170 alumni and friends of the University. After the celebration a reception was held in honor of AUB graduates attending at the time the 26th session of the United Nations General Assembly.

In Dallas, Texas, a reception was held at the Chapperal Club with more than 70 people present. Vice President Crawford spoke before the guests at both these events.

A Founder's Day dinner was given at the Cosmos Club in Washington DC. During the evening Lebanese Ambassador Najati Kabbani presided. Huntington Bliss with the Lebanese Order of the Cedars. Among the many congratulatory telegrams sent on AUB's 105th anniversary was one from US Vice President Spiro Agnew.

Founder's Day was also celebrated in Chicago, San Francisco, Minneapolis and Pittsburgh.

The celebrations held in the United States showed the continuous interest alumni have for their alma mater and the interest and support AUB enjoys among its friends in the US.

Prof. Ghul on Sabbatical Leave

Prof. Mahmud Ghul, Professor of Arabic, will be joining Columbia University next semester, while on a semester's sabbatical leave from AUB. During his stay at Columbia University he will teach and conduct research in South Arabian antiquity.

Prof. Ghul is the Director of the Graduate Center of Middle Eastern Studies; during his absence, Prof. Elie Salem will serve as the Acting Director of the Center. Prof. Ghul is also the Editor of the AUB publication *Al-Abhath*; during his absence, Prof. Ihsan Abbas will serve as Acting Editor.

On his special interest in South Arabia, Prof. Ghul told the Bulletin reporter that he had visited the Yemeni Arab Republic three times during the past two years; the last time, in Sept. 1971, he visited Yemen as a UNESCO consultant to report on the condition and subject-matter of old South Arabian manuscripts.

From The Local Press

● Several papers reported that the Minister of Education announced that he has submitted to the State Advisory Council a proposed bill which stipulates the creation of a school of Engineering in the Lebanese University.

● The papers reported that a new draft law was presented to Parliament authorizing the Ministry of Information to print and sell books at nominal prices and to participate financially in publishing informational material on Lebanon. This law is in accordance with the new policy of the government aimed at emphasizing the informational role of Lebanon on the local and international levels.

In addition to the many publications the Ministry distributes currently, it was decided to expand its activities by participating in, and encouraging, the printing of books and pamphlets that deal with various aspects of Lebanese politics, history and international relations within a defined outline of orientation and information policy.

● The Library of the Centre de Diffusion of the Ministry of Information has supplied St. Joseph University, the Bezanon College, and the Arab Center in Paris with books and publications dealing with historic, economic and social topics.

● *Al-Anwar* carried news concerning some AUB students who have called their group *Al-Sana'*. The group, the paper reports, is producing weekly ten-minute criticism sketches. *Al-Sana'* says, the paper reports, that it is using the method of criticism to point out the mistakes of people with the hope that these will be corrected.

● *An-Nahar* and *Al-Anwar* wrote about the press conference held by the President of the Executive Committee of the Law and Economic Sciences Student Union of the St. Joseph University, in which he reviewed a work program.

He said that the attainment of some of the students' demands would raise the standards of the Lebanese University. "In such a way that we will have a national university to be proud of," he said.

He then commented on the educational curricula, saying that "it is our duty to demand curricula which would relate to our culture and our country."

He then added that "Democracy in teaching does not mean closing down foreign universities.

Mrs. J.B. Arey Lectures at AUB on "Dance in the USA"



Mrs. June Batten Arey, Director of the Dance Programs, USA National Endowment For the Arts, gave a lecture Thursday, Jan. 20, at West Hall, AUB, on "Dance Today In The USA."

The lecture was sponsored by the Department of Fine and Performing Arts of AUB, and was attended by a number of artists and lovers of the art of dancing, and other people from the campus.

Mrs. Arey was introduced to the audience by Prof. Allen Hovey of the Department of Fine and Performing Arts. "Mrs. Arey," he said, "is what you might call the link between dance people and the possibilities for financial support of the dance."

Speaking candidly, Mrs. Arey

showed a sincere affection for the arts and especially for dance.

In the course of the lecture she gave a short history of the development of dance in the United States, saying that it is ironical that when ballet was flourishing in Europe, it was still nascent in the U.S. Now that ballet is declining elsewhere, she added, it is rising in the US.

After the lecture a discussion period followed. Answering to a question, Mrs. Arey said that she had "ambivalent feelings about dance taught in schools in the US. I would probably feel better if it weren't going on," she said, due to the general lower standard of dancers coming out of such schools.

During the discussion she directed questions to the audience regarding their opinion on transferring national folk dance from its natural setting on the stage. "Such dances need translation before they can be moved onto the stage," she said.

Concerning Arabic folk dance on the American stage, she said that the American public is not familiar with it. It is only during the last few years that groups from the Middle East have started visiting the US, she said.

Mrs. Arey has already visited Baalbeck where dance troupes of world fame have performed in the ruins of the ancient city. What she enjoyed most about Baalbeck, she told our Bulletin reporter, "was just being there!"

Novelist Fowles Guest of English Dept.

"The novel is a luxury of a very high status of social evolution," remarked John Fowles, the distinguished British novelist now visiting the AUB at the invitation of the English Department, and under the auspices of the British Council.

In discussions at the Faculty Lounge in Ada Dodge Hall and the British Council on Friday, Fowles discussed the art of writing and the novel in general, and his own works in particular. The discussions were attended by large numbers of students, intellectuals, and fans.

"What interests me is why I write," Fowles said. He said his novels often start with some particular incident which keeps recurring to him, and which develops into a novel. "Writing is a semi-mystical, semi-religious experience," he explained. But, he

continued, "there is a definite correlation between sickness and writing."

Fowles said that writing is a form of self-indulgence. "I am self-centered, so that comes into my work. I am also a socialist, which can be noticed, and there is an existentialist atmosphere to my writing."

On why a person becomes a novelist, Fowles said he believed in the Freudian explanation which says that during childhood, there is a "fluidity of the notion of the limits of the self," which tends to be suppressed. "The artist is the person who seeks to regain this lost paradise."

Two of Fowles' major novels "The Collector" (1963) and "The Magus" (1968) have been made into films. When asked about them, he remarked that "The Collector" was a bad

film, and "The Magus" was a disaster. "I don't like the tyranny of the cinema on books today. Most good films are made from bad books," he declared.

Asked about why he wrote two endings to his latest novel, *The French Lieutenant's Woman*, he said, "In the actual creative process, there is an actual potential for two possibilities."

Answering a question about future novels, he said that he always has two or three unfinished novels at hand. He added that he did not know what his next novel will be, and when he would publish it.

On a question about whether he has any plans for writing for the Theatre, he joked, "Inside every fat novelist there is a skinny dramatist," adding that he would like to write plays but has not yet got around to do so.

American University of Beirut bulletin

VOLUME XV, No. 13

THURSDAY, FEBRUARY 3, 1972

Skiing in Lebanon has ceased to be the exclusive preserve of an elite; it is now enjoyed by a large section of the population, especially the younger generation, including high school and university students.

The Lebanese mountains offer a unique landscape for open-air sports, and a modern touristic infrastructure around winter sport resorts makes skiing a sport that can be enjoyed by anybody at moderate prices.

Skiers in Lebanon can enjoy two aspects of the sport: Skiing on slopes, and cross-country skiing. The first involves ski-lifts of various kinds (chair-lifts, ski-lifts and ski-moles) and it absorbs large numbers of ski enthusiasts. The second is less rewarding from the point of view of exhilarating descents, but for those who love the high peaks and exciting outings it is an inexhaustible source of pleasure.

The most important resorts for skiing on slopes are those of the Cedars, Faraya, Laklouk and Kanat Bekiche.



● **THE CEDARS**, with mechanical lifts taking skiers to altitudes of more than 2,000 meters, are unique; the peaks look down on the whole of Lebanon and the anti-Lebanon, with the holy valley of the Kadisha rising at the foot of the range. The slopes of the cedars, covered in snow from December till April, face the blue Mediterranean.

A ski-shop at the resort rents skis, boots and toboggans. There are two hotels, first and second class, and also boarding houses. The entertainment available at the resort, in addition to skiing, includes swimming, shooting, stereo clubs and night clubs.

At a distance of 140 kilometers from Beirut it is easily accessible.

Skiing: Lebanon's Winter Sport

The ski season in Lebanon starts in December and lasts till April, with February a favourable month for skiing. The Bulletin presents the following description of Lebanese ski resorts.

Professor Tarabulsi, AUB's Director of Athletics, talking to the Bulletin about skiing made the following comments:

Skiing is a great sport for exercise and recreation. It gives fitness to the legs, shoulders and trunk. Its values for oxygenation are unbeatable. It also is a great social hobby.

With the development of skiing, winter has become more diversified and delightful in the high altitudes and zones of snow and brisk sunshine. Winter is no

more the cold and unpleasant period people once found it to be. It is now exhilarating for those who enjoy, and for those who wish to learn, the great sport of Skiing.

It takes only a few minutes to locate a sport shop in Ras Beirut or Bab Idriss which will surely lead the fans to their equipment, instruction means, and location of the good snow.



● **FARAYA**, where every year Lebanese championships and inter-school contests are organized, lies only 40 minutes from Beirut by car. With its slopes facing north, the quality of the snow tends to be good and it varies very little.

Skiing amenities at Faraya in-

clude a ski-lift at an altitude of about 2,000 meters and several 1,200 meter runs. First class hotels serve the resort, and a ski-shop rents skiing equipment. The entertainment here includes tennis, swimming, riding, bowling, shooting, billiards; there is also a stereo club.

● **LAKLOUK**, with ski-lifts taking skiers to an altitude of about 1,750 meters, lies 60 kilometers from Beirut. Laklouk is a family resort. In addition to skiing one could also indulge in swimming, tennis, riding, shooting or dancing. A ski-shop rents skiing equipment, including autoskis and bicycles.

There are two first class hotels at the resort and also chalets, villas and dormitories.



● **KANAT BEKICHE** is a new winter sports resort operating for about two years now. It provides soft slopes for beginners and for the trained skier there are qualified guides as well as quick and uplifting down-tracks.

Ski-lifts take skiers up to an altitude of 2,000 meters. There is a first class hotel, a ski-shop, bars and a stereo.

Due to its temperature and quality of snow, Kanat Bekiche is a favourable resort.

For the lovers of cross-country skiing there are many enchanting places, a brief outline of which follows:

● **HERMON**, the queen of the Lebanese mountains. It is rather remote, it lies on the Syrian frontier and is over 3,000 meters high. To get there, one has to leave his car at the pond to the south of the village of Rashaya, and then walk across the plain until he reaches the first spurs of Hermon.

● **BARUK and SAFA** with their splendid cedar forests provide an excellent view. From the summit one can see the Bekaa and Hermon to the east, and Metu, Kesrawan, Kenisseh and Sannine Massif to the north.

● **The Great COULLEE**: if you lose your footing on the way down there is no level ground for you to recover; but the run down towards the sea is one of the greatest pleasures in cross-country skiing in Lebanon.

Valentine Dinner Dance

On February 18, the Women's Association of AUB will be giving its "Valentine Dinner Dance" at the Hotel St. Georges in aid of scholarships to AUB students.

Tickets are available at the Alumni Office and at West Hall for 25 L.L. per person, including dinner and wine.

National Conservatory of Music Announces Musical Programs

The National Conservatory of Music has announced that it is beginning its Oriental and Western musical programs.

Programs are presented every Tuesday evening at 8.30 at the Unesco Hall throughout the academic year.

The programs are presented by the Conservatory Orchestra and other groups.

Plans have been drawn up this year for the presentation of music performances in several parts of the country in order to introduce the average Lebanese citizen to a real appreciation of music.

University Choir

Members of the Community, Faculty and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicale (to be presented Sunday, March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall, room 108. Female voices at 6 p.m. and male voices at 7 p.m.



Elias Bu-Saleh was recently presented with the 15-year Service Award for his services in the Cultural Studies Department. The Chairman of the Department Prof. Harcourt (left) presented Bu-Saleh with the award.

Faculty of Agriculture Participates in UN-Government Project

The AUB has recently started participating in a project to develop the manufacturing of small-scale agricultural machinery, such as plows, sprayers, and hand tools, in Lebanon and the Middle East. The University's participation, in the form of making official recommendations to the Ministry of Agriculture concerning the project, will be through the Agriculture Mechanization Section of the Crop Production and Protection Department of the School of Agriculture.

Prof. Harry Henderson, professor of Agricultural Engineering and chairman of the department, has been meeting with officials from the Ministry in regard to the project. The last meeting, held last week, "summarized the progress made so far in the development of the project, proposed as a joint undertaking between the UN Development Program and the Lebanese government," explained Prof. Henderson.

Meetings first started in this respect between the government and the UN Industrial Development Organization (UNIDO) in the summer of 1969. The UN Food and Agriculture Organization (FAO) also became involved this fall, when "it sent a representative to study the need for training

tractor and machinery operators and servicemen," Prof. Henderson said. Though the project basically concerns the government and the UN, the AUB, through Prof. Henderson, has been consulted during all its stages.

Consequently, the AUB added two members to its faculty to enable it to take a more effective part in the project. They are Prof. Clinton Bolton, Assistant Professor of Agricultural Mechanization, who joined AUB in 1970, and David Gaiser, an instructor in the same field, who came this year and will be working here on a special assignment basis.

"Last fall, UNIDO sent a representative at the request of the Lebanese government to formulate a project for the establishment of an Agricultural Machinery Design Adaptation Standardization Testing Unit. The AUB was asked by the Ministry to make recommendations on the implementation of the Unit. The UN recommended that the Unit be operated by a governing Council which will establish policy, work programs, and the budget. It proposed that the head of the AUB Agricultural Mechanization Section be a member of the Council," Prof. Henderson elaborated.

Agriculture Profs Travel and Lecture

Prof. Yacoub attended the Ad Hoc Consultation of Experts on the Settlement of Nomads in Africa and the Near East from Dec. 6-13, 1971. The meeting was sponsored by FAO and took place in FAO Regional Office in Cairo. Nine experts representing the United Kingdom, Kenya, Nigeria and Lebanon were invited to participate in the meeting.

Part of the program was a one-day field study tour to Mariut to give participants the opportunity to discuss problems on the spot. Dr. Yacoub presented a paper entitled "An Evaluation of the Jafr-Pilot Project for Bedouin Settlement."

Prof. Ramzi Khalidy of the Faculty of Agricultural Sciences of AUB and Prof. Adnan Alamuddin of the Institute of Agricultural Research officially represented the Government of Lebanon at the Fourth Horticultural Conference in Sudan from Jan. 5 to 9. Prof. Khalidy presented a paper on correcting nutritional deficiencies by use of foliar sprays in Citrus. He was also elected to represent the delegates at the

opening ceremonies and gave the Delegates' statement.

During his stay in Sudan Prof. Khalidy met with government officials who were interested in the graduate program of the Faculty of Agricultural Sciences. He also had a number of meetings with AUB alumni including Prof. Yusuf Bedri, President of the Alumni Chapter in Sudan.

Professor Ray Nightingale has visited Berlin as the guest of the German Foundation for Developing Countries where he participated in a Seminar on the Role of the Entrepreneur in Agricultural Marketing Development. Prof. Nightingale presented a paper entitled "Entrepreneurial Opportunities in Developing Country Agricultural Marketing" and a case-study, "The Fresh Egg Cooperative of the Beqa'a in Lebanon" prepared by himself and Hovaguim Kizirian, AUB graduate in Agricultural Economics now with the Cereals and Sugarbeet Office. Thirty nine experts participated in the Seminar, including representatives of the German Foundation and FAO.

Local Briefs

Education Minister Dr. Najib Abu Haidar has met with members of a World Bank team who arrived in Beirut to held talks with the Lebanese authorities on financing the project for unifying schools. The meeting was attended by the Director of Elementary Education Dr. Nayef Maalouf.

During the meeting discussions were completed on the offer submitted by a previous team, calling for a World Bank participation of 18 million dollars to finance the first stage on the project.

A delegation of about 50 students and professors of Political Science from Witworth College, Washington, recently visited and toured Lebanon.

During their stay they toured historic and touristic sites; they also attended a lecture, organised by the Ministry of Information, on the role of Lebanon in the Middle East and Political Developments in the Area.

The delegation spent several days in Lebanon, getting acquainted with the cultural, social and political conditions of the country.

During a meeting held recently, the Cabinet approved a project of cultural exchange between Lebanon and Rumania, at the recommendation of the Ministry of Emigrants and Foreign Affairs.

The agreement covers exchange in the fields of education, culture, art, architectural engineering, health, sports, and tourism.

Minister of Hydro-Electric Resources Jaafar Sharafuddine has signed a contract for the construction of new distilling unit which will supply the city of Beirut with 10,000 cubic meters of water daily. The refinery will cost around 350,000 L.L.

The Prime Minister has recently summoned the top municipal official in the Beirut Municipality responsible for cleanliness and asked that efforts be multiplied to maintain cleanliness in the capital and to keep public places in Beirut clean.

The Prime Minister has promised to extend all possible help and provide all possible aid in order to help the authorities responsible to maintain the full and complete cleanliness of the capital.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9.30 a.m. throughout the academic year, and are conducted by the University Chaplain Rev. Robert C. Walker, Jr.

AUB Offers Evening Courses and Special Programs

LEARNING IS A LIFELONG PROGRESS

AUB's Division of Extension and Special Programs is sponsoring a variety of special courses and programs for February-June, 1972. The purpose of these programs is to provide opportunities for adults of different interests to continue their professional development and enhance personal growth thru further study. Many courses are scheduled in the late afternoon and evening hours. These programs are especially designed to meet the needs of the immediate community. Other special programs are of full-time short duration. These serve the needs for advanced and more specialized study for professional people in the Middle East. Some courses have been organized at the request of individuals or groups of potential participants.

SPECIAL CERTIFICATE PROGRAMS SPECIAL COURSES

REGISTRATION FOR SPECIAL COURSES (non-credit)—will be on February 21, 22, 23, 24, 25 in Room 110 West Hall, from 3:00 p.m. to 5:30 p.m.

There are no grades or examinations in the special courses; certificates of attendance or completion are not issued.

UNIVERSITY ENGLISH

An intensive course in English language at the university level. This semester stress will be on improvement in reading speed and comprehension and practice in expository writing. Open to applicants with a score of 400 or above on the AUB English Entrance Examination.

BUSINESS ENGLISH FOR CORRESPONDENCE

Practical training for those who wish to perfect the quality and effectiveness of their proficiency in English for business purposes. The emphasis shall be on effective letter writing: vocabulary, idiom, structure, style, and tone.

SELECTED PROBLEMS IN ARMENIAN HISTORY AND ART

The course will present discussions of new and recent research and literature which have resulted in the revision

of attitudes of modern scholars towards certain traditional aspects of Armenian history.

MODERN MATHEMATICS FOR ELEMENTARY AND INTERMEDIATE SCHOOL TEACHERS

The purpose of the course is to introduce teachers to the new concepts and techniques in Modern Mathematics teaching known as "New Math". Topics such as sets, relations, operations and functions will be studied.

CONTEMPORARY ART

The course will concern itself with the values and intentions of contemporary visual arts, and the significance of the influence of the history of art upon today's artists.

Slides, films, and selected readings will supplement the exploration of the media of painting, sculpture, ceramics, glass, fabric design, printmaking, photography, and cinematography.

CHARACTERISTICS OF ARABIC MUSIC

The objective of this course is to develop appreciation and applicable understanding of the characteristics of Arabic Music.

The last two lectures will be devoted to Sayyed Darwish, the man and the artist.

JEWELRY DESIGN AND CONSTRUCTION

A workshop using copper, brass, and sterling; throughout the emphasis will be on creative design as an integral part of jewelry construction.

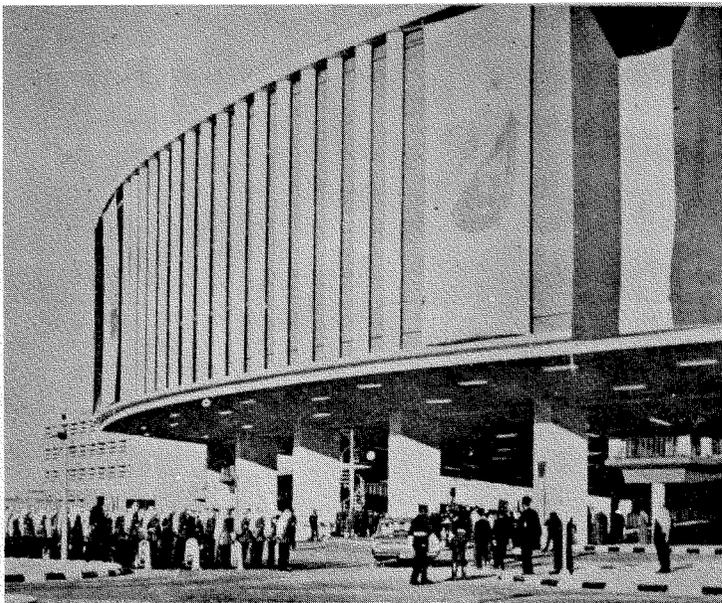
CERAMIC DESIGN

A concentrated 10 week (50 hours) course in the design and execution of decorative and functional clay work. The course includes relevant techniques of wheel throwing, hand forming methods, glazing, and firing.

FLORICULTURE

A series of ten lectures with demonstrations and discussions to present the different types of ornament plants suitable for gardens, parks, and pots. The emphasis will be on plant culture and use. Open to professional and amateur gardeners.

Establishment of School of Pharmacy in Kuwait University



The Main Entrance of the University of Kuwait.

Upon the invitation of the University of Kuwait, Professor Amin Haddad, Director of the AUB School of Pharmacy, spent two weeks in Kuwait in January, serving as a member of a special Advisory Committee appointed to draft plans for the possible establishment of a School of Pharmacy. Other members of the Committee were the Deans of the Faculties of Pharmacy of the Universities of Cairo and of Alexandria, the Dean of the Faculty of Science of the University of Kuwait, and two representatives from the Kuwait Ministry of Health.

The Committee's preliminary report, submitted to the Rector of the University, Dr. Abdul-Fatah Ismail, discussed the objectives of the School; requirements for admission and for graduation; organization of the School and areas of study, including a detailed curriculum for one pre-pharmacy year and four professional years for the degree of Bachelor of Pharmaceutical Sciences; and the num-

ber and type of Kuwaiti bursaries to be sent abroad for graduate study towards advanced degrees.

The University of Kuwait, established in October 1966, has at present the four Faculties of Science, Arts, and Education; Law and Islamic Law; Commerce, Economics, and Political Studies; and the Women's College.

Since co-education at the University of Kuwait has not yet been approved, classes have to be established in two shifts, one for men students and one for women students.

At present the authorities concerned are studying the possibility of establishing other faculties for professional education. A committee has already submitted a preliminary report about the establishment of a medical complex (Faculty of Medical Sciences) to include the Schools of Medicine, Dentistry, Pharmacy, Nursing, and Paramedical. Faculties of Engineering and Agriculture are envisaged.

From the Local Press

● Almost all the Saturday papers reported the AUB clashes giving detailed accounts of the events. President Kirkwood's statement was also published in full.

Prominence was given in most of the papers to the fact that both the President and the students deplored the interference of foreign elements in campus affairs.

Al-Anwar, which carried a resume of the President's statement on Saturday, published on Sunday a story entitled: "After the clashes at AUB, the students end the semester quietly. Students deplore the incident and accuse foreign elements of being behind it."

It also said that AUB was quiet on Saturday. It added that the students were unanimous in deploring the incident, and said that dialogue should be in words, not in physical action.

● Five Lebanese Nobel Prize nominees were chosen by the Pen Club at the Carlton Hotel last week at a meeting under the patronage of the Minister of Information Henry Tarabay. The five scholars will be candidates representing Lebanon for the Literature Award of the 1972 Nobel Prize.

The nominations were carried out by secret ballot. The nominees are: Michael Na'emi, Jawad Boulos, Hector Klat, George Shehadeh and Said Akl.

● It was reported that a request for more than 200 teachers from France will be one of the topics Prime Minister Saeb Salam will discuss with French officials during his forthcoming trip to Paris. It was also revealed that the Prime Minister will ask French officials for participation in a program to train 500 Lebanese teachers in teaching French, using modern methods.

It was reported that Premier Salam, in his capacity as the head of the Maqasid Islamic Institute, will ask for the help of 50 specialists in French and the Sciences, for a period of five years.

● As a result of the expansion of the Foreign Ministry Administration, the Lebanese Foreign Office has decided to recruit 30 officials. The recruits must be University graduates.

The last date for application to the Civil Service Board is Feb. 17. The selection examination will take place on March 13.

● The Ministry of Labour and Social Affairs is receiving applications for work licences from the first of February. Those interested are kindly requested to take consideration of the above-mentioned date.

Prof. Nasser to Present Papers in USA

Prof. Essam Nasser, Professor of Electrical Engineering, has recently left for the United States to give three lectures in a tutorial session arranged by the Institute of Electrical and Electronics Engineers on the subject "Extra-High-Voltage Transmission Corona Effects," in New York. Prof. Nasser will then present a research paper at the Power Engineering Society Meeting entitled "A Survey of the Problem of Insulator Contamination in the United States and Canada. Part II — Geographical Aspects." The next day, Professor Nasser will chair a meeting of the study committee on "Insulator Contamination," at the above meeting.

After attending the meetings of the Lightning and Insulators and on Transmission and Distribution of the Power Engineering Society, Prof. Essam will visit Purdue University in Lafayette, Indiana, and Iowa State University, Ames, Iowa, for talks on research of mutual interest.

Prof. Dajani Lectures in Europe

Prof. Rashid M. Dajani, Associate Professor of Pharmacy and Pharmaceutical Chemistry in the AUB School of Pharmacy, who is at present spending his year of furlough at the Department of Pharmacy, Chelsea College of Science and Technology, University of London, attended two conferences, one in Scotland and the other in Finland, and presented a paper before each.

During the "British Pharmaceutical Conference" held in Glasgow he presented a paper on the *In vitro* and *In vivo* Studies of the Metabolism of Phenylbutazone in the Alloxan Diabetic Rat.

The second scientific conference attended by Prof. Dajani was the "International Symposium on the Biological Aspects of Alcohol Consumption," which was held in Helsinki, Finland. The paper he presented at this conference dealt with "A beta-Carboline derivative: a Probable Metabolite in Alcohol Dependence." This project is conducted by Prof. Dajani in collaboration with Prof. Souheil Saheb at the School of Pharmacy.

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Editor: Radwan Mawlawi.
Reporters: Alexandros Vikis,
Mona Audeh, Nabil Nusayr.

Campus Clashes President Kirkwood Deplores Interference of Outsiders

At 1.00 p.m. Friday afternoon a clash took place on the campus of the AUB between some students and others foreign to the University.

The clash occurred when students in West Hall Common Room were discussing student matters, especially in regard to recent student movement in the Arab Republic of Egypt.

A spokesman for the University described the student meeting as peaceful at the beginning, with students discussing in an atmosphere of freedom, which the University has always been known to preserve.

Suddenly, someone believed to be from outside the University stood up and started talking of political issues in no way connected with student affairs.

At that moment, a group of outsiders walked into the Common Room and started arguing with the students, after which a fight started.

The students then moved outside the building to the campus where clashes were resumed. They

day evening in West Hall to plan for a march on the AUB campus the following day. Other students tried to join the meeting but they were not admitted and a brief first-fight resulted.

On Tuesday students clashed in the Milk Bar over Monday evening's meeting and chairs were sent flying. Two injured students were referred to the Infirmary and released. At 11.30 about 150 began the march from West Hall chanting, singing and carrying posters in an orderly demonstration. During the march some non-AUB students appeared at the Milk Bar, and following the break-up of the march near West Hall another fight erupted outside the Milk Bar.

AUB President Samuel B. Kirkwood has expressed his regret for the clash and deplores the interference of outsiders. He added that it is unacceptable that individuals use the facilities of the American University of Beirut for such fighting. "There is no place for violence on any university campus. There is no place for violence at AUB," he said.



The peaceful meeting ... and the aftermath.

later went to Bliss street outside the University grounds. The group of outsiders fled when a police force arrived.

A member of the intruding group was wounded in the head and was immediately treated. He stated that he is a teacher but did not clarify how he entered the University and mixed with the students.

The police have made the necessary investigations into the incident.

The incident on Jan. 28 followed clashes at AUB on Monday evening and again on Tuesday morning. Some students met Mon-

Dr. Kirkwood warned that these elements are trying to confuse students but said he was confident that AUB students enjoy a high degree of maturity and insight that will enable them to seclude such elements from their ranks so that they will continue to work towards the ideals they believe in.

Dr. Kirkwood concluded: "I am proud that the overwhelming majority of AUB's students did not participate in today's events. They know that constructive action is their right and that AUB will preserve that right despite all attacks on it."

American University of Beirut bulletin

VOLUME XV, No. 14

THURSDAY, FEBRUARY 10, 1972

AUB Will Form New Student Council

A new Student Council at AUB will be formed, President Samuel B. Kirkwood announced today. The AUB Senate has voted to reconstitute a student council. The actual structure of a new constitution is under discussion by the Senate.

The constitution of the former Student Council was suspended by the Senate following the 23-day strike in May and June of 1971. The term of office of the former Council ended on June 30th, and AUB student affairs have been conducted in the interim by a student-faculty committee. The current Senate discussions are based on the recommendations made to the Senate by the Ad Hoc Commission on student participation.

Student participation at AUB is already in effect in many University committees. The proposals of the Commission, however, recommend broader student participation.

President Kirkwood stressed his firm belief in student participation and his support for responsible student leadership in University affairs.

AUB Acquires Manuscripts and Uncollected Writings of A. Rihani

The manuscripts and uncollected writings of Ameen Rihani, one of the leading Lebanese intellectuals of the first half of the twentieth century, have been made available to the American University of Beirut for transcription, research and eventual publication. Albert Rihani, brother of the author, completed the arrangements on behalf of the Rihani family. The collection consists of nearly four thousand pages of unedited material. There are twenty major items in the collection, which includes literary, political, and philosophical prose, along with at least one verse drama, a book of poetry and more than one thousand letters, written in both Arabic and English.

Rihani was born near Beirut in Freike, but emigrated to the United States at the age of twelve. He returned to Lebanon many times, travelling and studying extensively throughout the Arab World. He wrote and published extensively in both Arabic and English, and among his other accomplishments translated into English *The Quatrains of Abul-Ala'* and *The Luzumiyyat of Abul-Ala'*. His broad inquiry into the philosophy and culture of both

East and West led him to a deep concern with the encouragement of valid understanding where distrust and confusion often prevailed. His importance as a cultural mediator is suggested by his appointment in 1919 to represent Arab interest at the Hague Peace Conference.

The new availability of Rihani's papers and the reissue of his major published work are regarded at the University as a scholarly development of the first magnitude. The breadth of interest in this project is evident in the interdepartmental composition of the Editorial Committee, which is made up of fourteen senior faculty members from the Arabic, English, and Comparative Literature Departments. Qualified students, both graduate and undergraduate are included as active participants in the research and editorial effort. The Editorial Committee, formed under the chairmanship of Professor Suheil Bushrui, Chairman of the English Department, has already begun the work necessary to put the papers into proper order for scholarly use and to prepare the collection for publication in the Ameen Rihani Series, which was initiated in



1971 with new editions of *The Path of Vision* (1921) and *A Chant of Mystics* (1921).



Photo shows part of Rihani's Museum.

THE EDITORIAL COMMITTEE FOR THE RIHANI PAPERS

Arabic Department:

Professor Antoine Karam
Professor Albert Mutlak
Professor Nadim Naimy

English Department:

Professor Bernard Blackstone
Professor Neil Bratton
Professor Suheil Bushrui
(Chairman)
Professor Jack Capps
(Executive Secretary)
Professor Jack D'Amico
Mr. Adnan Hadar
Professor George Khairallah
Professor Anahid Melikian
Professor John Munro
Professor Richard Murphy

European Languages and Literature:

Professor Eberhard Boeker

University Library:

Mr. Francis Kent
Mr. Peter Kilburn
Mr. Ritchie Thomas

Coming Events

- **MONDAY, FEB. 14**
AUB Women's Auxiliary meeting. West Hall — Lecture Room & Lobby, 3:15 p.m. By Invitations.
- **TUESDAY, FEB. 15**
Vocal recital by Annette Meriweather — soprano. Assembly Hall — AUB., 8:30 p.m. Tickets: LL. 10, 7 and 3.
- **FRIDAY, FEB. 18**
Piano recital by William Nabore. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 7, 5 and 2.
- **TUESDAY, FEB. 22**
Concert by the music group of London. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 7 and 3.
- **WEDNESDAY, FEB. 23**
Concert by the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **THURSDAY, FEB. 24**
Repeat concert of the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **THURSDAY, FEB. 24**
Cine Club — Film show. West Hall — Auditorium "B" 7:00 p.m.
- **SATURDAY & SUNDAY, FEB. 26 & 27**
Repeat concert of the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **MONDAY, FEB. 28**
Lecture by Prof. R. Murphy on William Burrough: Pornography of Control. West Hall — Lecture Room, 8:00 p.m.

Chapel Services

Chapel Services are held at the University Chapel on Sundays at 9:30 a.m. throughout the academic year, and are conducted by the University Chaplain Rev. Robert C. Walker, Jr.

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Mona Audeh, Nabil Nusayr.

Signs of Hope:

Prof. Malik on Morality and Happiness

Prof. Charles Malik, distinguished professor of philosophy at the AUB, spoke to a meeting of the Beirut Metropolitan Lions Club at the Phoenicia Hotel on Thursday, Feb. 3. He discussed various topics with emphasis on the general moral crash throughout the world. The Bulletin has taken the liberty of reprinting some excerpts from his speech here.

Prof. Malik spoke on such things as "the so-called sexual revolution," pornography, the generation gap, "radical subjectivism and relativism," and nihilism.

These phenomena are familiar to all of us. We struggle with them in our own individual lives, in the lives of our friends and dear ones, and in the life of society at large. We should ponder them deeply as to their causes and as to their meaning. But none of them should be inflated out of proportion to its inner worth. There is plenty of strength and health around to put these features of decadence in their place and to deal with them. The recuperative forces of the spirit—the forces of understanding and decency and love and forgiveness and faith and moral strength and responsibility—are still most active, to heal and to restore.

When a plague descends upon a country public measures are certainly called for, but when you are dealing with moral and spiritual plagues, which is certainly the case today with all the rebellion and disrespect and disobedience eating at the heart of us all, there are limits to what the public authorities can do. Here each man, each family, each community, each enterprise, is thrown back upon its independent resources, to shield itself and its own from the evil spirit prowling the land and the rot breaking out in its midst. There is inalienable personal responsibility here before one's conscience and before God, and also before the judgment of history, and parents cannot blame the school or the government or society when it is the parents' delinquency and fault, nor can the school blame the parents and the government when the school itself has failed within its own sphere of competence, nor can the government and the church blame the home and the school when it is demonstrably the case that it was the government and the church that were really fiddling.

Concerning the student revolt, Prof. Malik said that universities all over the world have already learned a lot; the students have awakened the universities to much that is wrong or sloppy or unworthy or simply un-university-

like in university life and existence.



In five or ten years the colleges and universities will have absorbed and assimilated the present shock and profited no end from it. Nor do I agree with those who seem to hold that the future organization of the university is going to be a sort of homogenization of responsibility and voice between trustees, administration, faculty and students; for it appears to me that it is an obvious first principle which will never change that there is a fundamental difference between those who are responsible and those who are not, between those who are competent in a given field of judgment and those who are not, between those who know and those who simply do not; and this first principle which is drawn from the nature of things is itself the first principle of organization of any university.

Prof. Malik then went on to refer to the question of how we become true, happy, genuine, free.

I want to assure you, my friends, that there is truth, and there is falsehood. There is good, and there is evil. There is happiness, and there is misery. There is expansiveness, and there is self-withdrawal. There is freedom, and there is slavery. There is joy, and there is sorrow . . .

These things are different and separate and totally distinguishable from one another. Truth is not the same as falsehood, happiness is not the same as misery, joy is not the same as sorrow, freedom is not the same as slavery, the higher in itself is not the same as the lower in itself.

The greatest error in modern times is the confusion between these orders of being. Nothing is anything firm in itself—this is the great heresy of the modern

world. But each element in the twenty-one pairs is quite different from the contrasting element in the same pair, and there is no power on earth or in heaven that can make falsehood truth, evil good, misery happiness, slavery freedom . . . And yet what do philosophers tell you in such great centers of learning as Oxford or Harvard? They insist that everything depends on what you mean, on how you define the thing, so that truth properly defined could be falsehood. It is all to them a matter of definition. It is the devil himself when you are denied the firmness and certainty of being, when everything is made dependent on you. The mind then becomes so blurred and blunted in its judgment that it fails to see the real, given distinction between things.

If each element in every pair is altogether other than the other element, how do we become true, good, happy, joyful, genuine, free, etc? There is only one answer to this question: never by magic, never by chance, never by accident, never by just sitting and waiting, but only by getting in touch with good, true, happy, genuine human beings, only by seeking the company of the strong and free, only by catching spontaneity and freedom from those who are themselves spontaneous and free.

The greatest ground of hope, therefore, is to assure you that such men and women have always actually existed, and that they actually exist today. They are not the masses, although the masses have a loveliness, a wonder and a truth of their own: they are a leaven, an abiding remnant in every age. Happy is the man who sniffs their existence, and who thereupon seeks, finds and clings to them.

And do you know what will happen then? You will develop a sharpness of perception whereby you will unerringly differentiate between the true and the false and phony, between the beautiful and the hideous and ugly, between the noble and the mean. You will also develop the ability to blush—such an atrophied faculty today!—the ability to cry and shed tears, the ability to repent, the ability to fall on your knees and pray, the ability to become a real moral human person.

Fall-Semester Final Exams Going On



First semester final exams are at hand. Students' reaction is always varied. One student described the first day of finals as "D Day," and the last day as "C Day," (C for cinema).

An unperturbed graduate, coldy described the finals as "nothing," and nearly got himself strangled by his suffering colleagues. He later said, in private, that final exams are "fun." Luckily his comment went unheard.

With so much mixed reactions to the final exams from students,

it would be interesting to note the reactions of professors, had they been obliged to take final exams too:

Professor Salvadore Arnita, Department of Fine and Performing Arts, announces his immediate departure to outer Mongolia to conduct his "Concerto Drammatica Absurdicus in Z minor."

Professor Philip Basson of the Biology Dept., announces that he has no time for exams, as he is examining the frogs in the Biolo-

gy Department which have contracted a mysterious ailment. "Day and night vigilance is needed on my part if these poor frogs are to survive," announced Prof. Basson.

Professor Suheil Bushrui of the English Dept., says that he would have loved to sit for the exams, but unfortunately he is too busy digging up ancient Irish remains in Ras Beirut.

Since, in real life, only students sit for exams, good luck to the students, and happy landing!

Medical Faculty Visit Gulf Area

David Egee, director of the Medical Center, and Dr. Ibrahim Dagher, acting chairman of the Department of Surgery, have recently returned from a trip to the Gulf Area. Their trip was "an exploratory type of trip. I am sure no one from the medical faculty, and perhaps no one from AUB, has yet been to Muscat," Egee said.

In Bahrain, their first stop, they met with the Minister of Health, Dr. Ali Fakhru, an AUB alumnus, and lectured on open-heart surgery. From there they travelled to other areas, including Muscat and Abu Dhabi.

The major purpose of their trip was to discuss ways and means by which the Medical Center could assist these countries by providing hospital training programs for members of the area. Already, a few Bahrainis are being trained at the AUH.

"We went to see how we could help meet the needs of the people in that area," said Egee. "We also hope to provide laboratory services, blood and tissue specimen analysis. Our offer and interest was much appreciated," he added.

Valentine Dinner Dance

On Feb. 18, the Women's Association of AUB will be giving its "Valentine Dinner Dance" at the Ho'tel St. Georges in aid of scholarships to AUB students.

Tickets are available at the Alumni Office and at West Hall for 25 L.L. per person, including dinner and wine.

Prof. Shuraym Receives Engineering Award

It has been announced that Prof. George Shuraym, Assistant Professor of Electrical Engineering, has been selected by Eta Kappa Nu, the Electrical Engineering Honor Society, as one of the two Honorable Mention Award Recipients for the 1971 Outstanding Young Electrical Engineer Award.

University Choir

Members of the Community, Faculty and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicale (to be presented Sunday March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall, room 108. Female voices at 6 p.m. and male voices at 7 p.m.

The Seven Last Works by Dubois and other appropriate music will be presented.



Picture (from left to right): Eileen Hadidian, Neil Bratton, Pierre Haykal, Gary Leisnau, Arpy Pachabezian, Arpi Yacoubian, Roger Nucho, Diana Taky Deen.

On 25 January the Department of Fine and Performing Arts presented the Instrumental Performance Class (Course No. 262) at a public concert given at the Assembly Hall. This was the final presentation of the semester dur-

ing which time the students had performed at various secondary schools in Lebanon. Amongst those participating were three students who are majoring in music: Eileen Hadidian, Arpi Yacoubian and Roger Nucho. Others were Gary

Leisman and Pierre Haykal; they were assisted by Professor Neil Bratton (Director, Center for English Language Research and Teaching), Arpy Pachabezian and Miss Diana Taky Deen who also teaches the course.

Local Briefs

● Economics teachers from AUB and the St. Joseph University will submit studies on their views on the 6-year plan proposed by the Ministry of Planning.

● The YMCA in Beirut, in cooperation with the American University Hospital, is offering a program in first aid for emergency cases in the home. Dr. Fuad Dagher of AUH has volunteered his services as coordinator of this program.

Priority in participation is given to mothers and housewives. The program started Feb. 2.

● The youth reception department at the National Tourism Ministry received last week 24 professors and students of the University of Ankara, Turkey. The Tourism office had prepared for them a special touristic and educational program to enable them to see Lebanese archeological and historical centers. Another Swiss group is also expected. They will spend their holidays skiing on Lebanese mountains. These activities are part of a joint program of the National Tourism Office and M.E.A. to develop tourism in Lebanon.

● The Bank of Lebanon has announced that new one-pound banknotes were placed in circulation on Feb. 1. The new notes are dated March 1, 1971. The new banknotes will be in circulation along with those already in use.

● The joint Lebanese-French communique stated that the Lebanese government had expressed its interest in French education, and announced that Lebanon intends to join the Agency for Educational and Technical Cooperation, which was set up in 1970. It is to be noted that French is a required subject in Lebanese governmental schools. In the elementary schools, the number of students amounts to 500,000. A further 11,000 students are taught French in secondary schools, and 10,000 in universities.

● Two public holidays have been officially announced: Mar Maroun day on Wednesday, Feb. 9, and Moslem New Year on Wednesday, Feb. 16 which is announced to be a holiday for AUB non-academic staff.

Blood Donation Campaign Undertaken by AUH

A campaign has been started in the AUB hospital and on the AUB campus itself to get the message across to the members of the AUB community that blood donation is harmless," stated Dr. Charles Allam, assistant professor of clinical pathology and director of the Blood Bank at the AUH.

"We need more blood donations," he said. "The requests and demands for blood are increasing rapidly, so rapidly that we cannot meet them ourselves." The AUH receives some donations, and has some professional donors who give regularly, but this is not enough.

"Because of the shortage, we are forced to buy blood of an inferior quality from blood banks in town." Through tests, this blood

of blood itself does not allow it to be kept for more than 21 days, after which it cannot be used. Only by using a very costly and complex method can it be kept for a longer period.

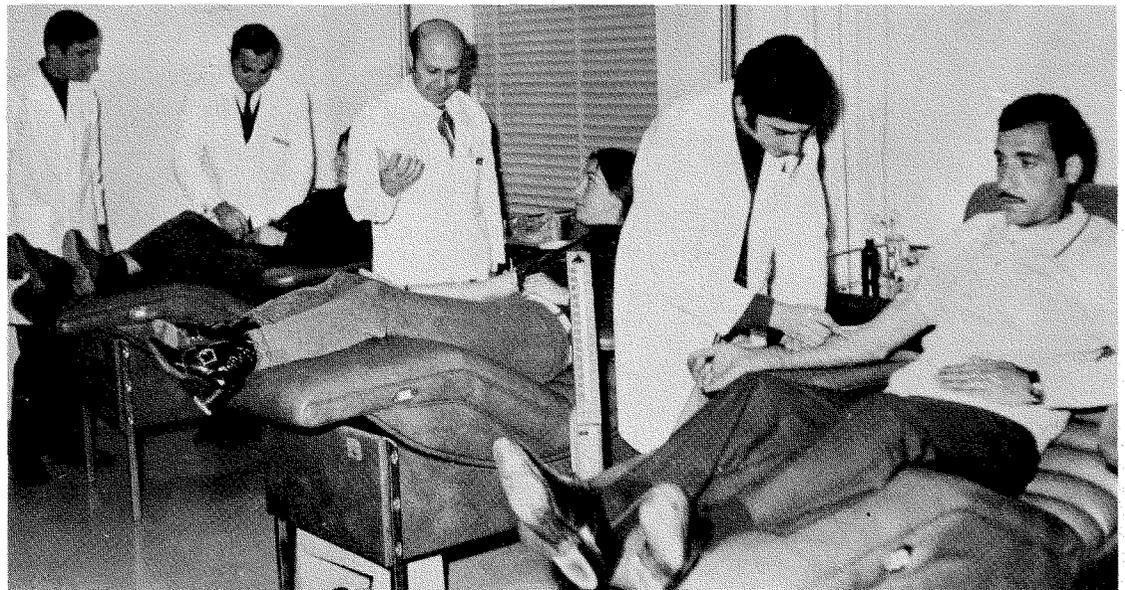
Blood types O and A are most in demand, because, statistically, 45% of all people have O-type blood, and 40% have A-type blood," Dr. Allam explained. "Many people don't realize that, after a donation of half a unit (which is the normal donation), the blood is renewed completely and fully after six weeks. Thus, a person can give once every two months, or six times a year. We have close to 7,000 members in the AUB, including the AUH, community. We don't want them to contribute six times a year—

imburse them in some other way—for example, give them tickets to the cinema. "I've even heard that one professor has gone so far as to promise five extra grades to any one of his students who donates to the blood bank," Dr. Allam chuckled.

The reasons why people donate blood are diverse, including humanitarian, physical, moral, and even financial reasons.

Speaking with a number of donors, a mother related how, had it not been for blood donations, her sick child would have died. Remembering this, she now donates regularly.

A young man, after donating blood for the first time, admits



has been discovered to often be inferior, in that it contains disease viruses, or lacks red blood corpuscles; also, it cannot be known whether or not the blood has been stored in sterilized bottles under hygienic conditions. "In the AUH we could examine our donors, find out their medical history, and thus ensure that we are getting healthy blood," he explained.

Some people are automatically excluded from donating, such as those who have had diseases of the liver or kidney, malaria, or hepatitis. Their blood always carries the viruses of these diseases, which are transferred along with the blood, Dr. Allam explained.

"We want year-around donations, in order to have a constant flow, and constant supply available for those who need it," he said. This is because the nature

we are only asking for one contribution per year," he said.

The campaign is still in its early stages. Dr. Allam has started by talking to people, about 200 so far. He would like to have a committee to arrange for meetings at which he can discuss the problem and importance of blood donations: The next step would be to have all the members of the AUB community typed, and files kept, so that these people could be immediately called upon when needed. This could be done in conjunction with the Medical Students' Society.

This year we will be needing 4,000 units of blood," he said. The AUH buys from professional donors. It will accept blood as donations from students, pay them for it, give them certificates which they can exchange for blood if they should ever need it, or re-

that he had been hesitant and a bit frightened at first. Now he says he hardly felt a thing. "It was just a pinprick," he said.

An AUH nurse smiled as she told of the reactions of first-time donors. "They are nervous at first but try to hide it. After the process is finished, they realize how foolish it was to be so frightened. Many think they will be weak for days afterwards. Actually, once they leave the hospital, it's as if nothing had ever happened," she related.

The AUH needs constant and continuous blood donations. Donations from strong, healthy people are always much welcomed and appreciated.

Those who feel that they are able to donate blood should do so without hesitation. Donators of "blue blood" are also welcome!

American University of Beirut bulletin

VOLUME XV, No. 15

THURSDAY, FEBRUARY 17, 1972

AUB's Prof. Discusses Malnutrition on Lebanese TV

Malnutrition is still a major public health problem in Lebanon," said Dr. Raja Asfour, Assistant Professor of Pediatrics at AUB, and President of the Lebanese Nutrition Society, during a television interview. Also participating in the interview was Dr. Abdul Hamid Hallab, Assistant Professor at the School of Agriculture, and three other members of the Society.

Dr. Asfour estimated that "at least 6,000 infants and young children in Lebanon below the age of two years are crippled every year with malnutrition."

Dr. Asfour is a member of the team who worked on the development of Laubina, a protein vegetable mixture of high nutritional value several times cheaper than milk or meat. The "L" in Laubina stands for Lebanon, and "aub" stands for AUB.

At present he is preparing, with members of the Lebanese Nutrition Society and in collaboration with the Lebanese National Research Council, a nation-wide nutrition survey and a nutrition symposium in the coming year.

Talking on malnutrition, Dr. Asfour said that recent research has now established that malnutrition does not only result in a high infant mortality rate and widespread disabling disease, but also that it may produce permanent retardation of the mental and physical development of the child. This, in



Dr. Raja Asfour (second from left) with members of the Lebanese Nutrition Society during the TV interview. From left: Dr. Hallab, Dr. Asfour and members of the Lebanese Nutrition.

turn, will impede the social and economic development of the country.

"The commonest malnutrition problems in the country," continued Dr. Asfour, "are due to an inadequate and poor-quality food-intake resulting in what is known as the calory-protein malnutrition. This condition manifests itself in loss of weight and failure of the child to grow and develop."

"A major and lasting improvement in the nutrition situation in the country," he said, "will require a modification in the attitudes and dietary habits of the population, to the greater use of a balanced diet from the locally available resources."

This improvement "entails the development of food resources, research technology, transportation, communication and marketing institutions involved in producing and at distributing suitable foods; and at the same time, providing programs for spreading nutrition education to every level of the population, from the universities down to the homes in the villages," he added.

During the interview, Dr. Asfour referred continuously to the research he is currently conducting at AUB with other professors.

"Prevention is the key to the eradication of malnutrition," he said at the conclusion of the interview. "This is beyond the scope of the treating physician alone. It is related more to the greater problems of human society," he concluded.

FAS Concludes Agreements with Jordanian Government

AUB's Faculty of Agricultural Sciences has concluded several arrangements with the Government of Jordan concerning a number of agricultural extension and research training programs. These programs constitute an extension of the original agreements between AUB/FAS and the National Planning Council, in cooperation with USAID/Jordan.

The programs to be covered in the extended agreements include poultry production and management, soil management, vegetable production, horticulture, economic entomology, breeding and experimental design, agricultural extension, Program Planning and Training of Jordanian Ministry of Agriculture Personnel.

The arrangements concluded allow for conducting more than one training course simultaneously when different groups of the Agricultural Research and Extension Department are involved.

The negotiations which took place in Jordan between Jan. 21 to 24 were conducted on the part of AUB by Prof. J.W. Cowan, Associate Dean of the School of Agriculture, and Prof. F.M. Al-Haj.

Prof. Sloane Participates in IAESTE Conference

Prof. Robert W. Sloane, Assistant Dean of the School of Engineering and Architecture, was recently in Barcelona attending the annual conference of the International Association for the Exchange of Students for Technical Experience (I.A.E.S.T.E.) Prof. Sloane is the National Secretary for Lebanon.

In a talk with the Bulletin he said that this year the conferences exchanged around 6,000 offers for summer jobs for students. The aim of this association, said Prof. Sloane, is to give students summer jobs related to their studies in other countries.

There are 43 countries which participate in I.A.E.S.T.E., but a few are currently inactive.



Malnutrition — Baby before treatment

... and after.

Coming Events

- **FRIDAY, FEB. 18**
Piano recital by William Nabore. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 7, 5 and 2.
- **TUESDAY, FEB. 22**
Concert by the music group of London. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 7 and 3.
- **WEDNESDAY, FEB. 23**
Concert by the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **THURSDAY, FEB. 24**
Repeat concert of the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **THURSDAY, FEB. 24**
Cine Club — Film show. West Hall — Auditorium "B" 7:00 p.m.
- **SATURDAY & SUNDAY, FEB. 26 & 27**
Repeat concert of the Komitas Quartet. Assembly Hall — AUB, 8:30 p.m. Tickets: LL. 10, 5 and 3.
- **MONDAY, FEB. 28**
Lecture by Prof. R. Murphy on William Burroughs: Pornography of Control. West Hall — Lecture Room, 8:00 p.m.

University Choir

Members of the Community, Faculty and Student body who are interested in joining the AUB Choir for the preparation of the Easter Musicales (to be presented Sunday March 26) may attend the rehearsals on Mondays and Thursdays in Nicely Hall, room 108. Female voices at 6 p.m. and male voices at 7 p.m.

The Seven Last Works by Dubois and other appropriate music will be presented.

NO CHAPEL SERVICE WILL BE HELD ON SUNDAY, FEB. 20

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Editor: Radwan Mawlawi.
Reporters: Alexandros Vikis, Mona Audeh, Nabil Nusayr.

Prof. Bashir Opens Seminar on Public Administration in the M.E.

Prof. Iskandar Bashir of the PSPA Department, AUB, recently participated in a seminar co-sponsored by the Arab League Public Administration Society, and the National Institute of Public Administration and Development in the Republic of Lebanon. The seminar included participants from all the Arab countries.

The seminar, which was opened by Prof. Bashir, is scheduled to end on February 18. In this seminar Prof. Bashir gave a series of five lectures on problems of public administration in the Middle East.

In his lectures, Prof. Bashir talked on the scientific foundations of public administration, the

dreds of people to new concepts about the role of the public sector, as well as practical managerial techniques, expected to help them in assuming administrative responsibilities."

"Direct contribution to the study of Public Administration, by the Lebanese government came in 1959, when an institute was established as one of the two directorates of the Civil Service Commission—namely the Directorate of Pre and Post Entry Training," he added.

"In 1963," went on Prof. Bashir, "the Lebanese government merged the Institute of Development in the Ministry of Planning, with the National Institute of Public Administration." The new



Participants to the Seminar, with Prof. Bashir (second from right).

environmental factors affecting bureaucracy, administrative organizations for development, the role of government in the development process, and administrative problems facing bureaucracies in the Middle East.

Prof. Bashir in an interview with the Bulletin gave a historical background of public administration education in Lebanon. He pointed out that interest in the preparation of competent personnel for the public sector was initiated by AUB when a department of Public Administration was set up in 1952. This department was merged in 1958 with the department of Political Science.

"Over a period of more than two decades," said Prof. Bashir, "through its programs in Public Administration, undergraduate, graduate, and Career Development Programs, AUB has exposed hun-

agency was named the National Institute of Public Administration and Development.

Prof. Bashir said that "teaching public administration aims at providing a service for the public sector through improving understanding of the role of government in today's society, providing for broader perspectives that can enhance leadership and innovation, and also assist in the dissemination of technical knowledge."

"The role of the university nowadays will be more identified in terms of the help it lends in developmental processes of the society which seem to be planned by governments. The university cannot escape its responsibility in helping public sectors to pursue the right course of action in achieving meaningful results," he concluded.

Valentine Dinner Dance on Feb. 18

The Valentine Dinner Dance organized by the Women's Association of AUB is to take place on Friday, Feb. 18, at 8:30 p.m., at the St. Georges Hotel. Valentine decor, music to dance to, and a good dinner with wine, are all included in the program, at L.L. 25 per person.

Tickets can be obtained from Mrs. Samir Khoury, Tel. 345669. All the proceeds will go towards a scholarship fund. Lottery prizes include one round trip ticket to Rome on MEA.

Alumni Association Organizes Tournaments

The Club Committee of the Alumni Association of AUB is sponsoring the Tric Trac Tournament (Franjiye) and the Alumni Bridge Tournament, which alumni members and guests can join.

The Tric Trac Tournament, organized by Elie Zarifeh, will take place on Wednesday and Thursday, Feb. 23 and 24, at 7 p.m. at the Alumni Club. The winner of the tournament will participate in the International Tournament which will be held in the Carlton Hotel starting March 5. The fee for Club members is 5 L.L. and for guests 15 L.L.

The Alumni Bridge Tournament (for pairs) will take place on Wednesday and Thursday, March 1 and 2, at 7 p.m., at the Alumni Club. The hand movements will be set up by the Bridge expert Mrs. Shiha. The fee for members is 10 L.L. per person, and for guests 15 L.L. per person.

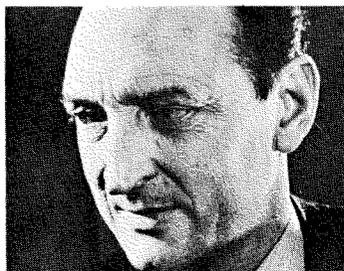
Those interested could contact Miss Mary Shiber, Alumni office, Tel. No. 340817/8 between 9 a.m. and 12 noon before Friday Feb. 18 for the Tric Trac Tournament, and before Monday, Feb. 28 for the Bridge Tournament.

Campus Phone-Calls Up

The Director of Physical Plants has announced that the number of telephone calls during the period of April, May and June 1971 was 308523 against 281474 for the same period of 1970, an increase of 7.4%.

The reason for the increase in the number of calls and communication costs is due to the opening of the Medical Center and the addition of incoming and outgoing trunk lines to the Campus, Aziz Nahhas, Director of Physical Plants announced.

The Music Group of London to Perform in Assembly Hall



A performance by the Music Group of London will be given on Feb. 22, at 8:30 p.m. in the AUB Assembly Hall. The performance, arranged through the co-operation of the AUB Fine Arts Department and the British Council, will include works by Mozart, Britten, Weber, Schumann, and an unusual piece by Brahms.

The Group is visiting Beirut as a part of its tour through the Middle East. Its members include Hugh Bean, ex-leader of the BBC Symphony Orchestra, Alan Civil, ex-Principal Horn with the BBC Symphony Orchestra, David Parkhouse, Professor of Piano at the Royal College of Music, and Bernard Walton, Principal Clarinet with the Philharmonica Orchestra.

Hourani Gives Concert in Memory of the Late A. Khoury

In memory of his late friend Albert Khoury, an AUB graduate, Walid Hourani gave a concert at the UNESCO Building on Feb. 16, under the auspices of the Ministry of Education and Fine Arts. It was the first activity of the Albert Khoury Foundation, formed by friends of Khoury after his death in May, 1971.

An American-born Lebanese, Walid Hourani graduated from the Central Musical School of Moscow in 1966 with high distinction, and then joined the Tchaikovsky Conservatory, from



which he graduated with the diploma of Concert Pianist and Master of Arts in Piano in 1971. Hourani was awarded the Certificate of Honor in the Third International Music Competition in 1968, and the Lebanese Medal of Merit in 1969.

Khoury joined AUB in 1967, fulfilling the requirements for a B.A. in philosophy in only two and a half years. He then joined Balliol College at Oxford University to prepare for a Ph.D. in philosophy.

Miss Meriweather Performs on Campus

The Near East Baptist Mission presented Annette Meriweather, Soprano, at the Assembly Hall on Tuesday, Feb. 15. Miss Meriweather performed opera excerpts from Porgy and Bess by Gershwin, Classical Spanish songs by Obradors, and Negro Spirituals. Proceeds will be donated to charity.

Nabore to Perform on Campus Feb. 18

William Nabore, a gifted Negro American Pianist will perform a program of Beethoven, Bach, Rossini and Albeniz at the AUB Assembly Hall, on Feb. 19, sponsored by the AUB Department of Fine and Performing Arts and the Kennedy American Center.



In 1966, Nabore won the Premier Prix de Virtuosité at the Geneva Conservatory and since then he has worked under the guidance of Alicia Lorrocha and Pavel Serebrjakow of the Leningrad Conservatory.

Bomb Hoax at AUB: Caller Warns of Time-Bomb

An unknown caller telephoned the AUB Protection and Safety Office at 9:15 Saturday morning Feb. 12 and claimed there was a time bomb with a letter beside it at the West Hall. The caller asked the man who answered the call to promptly hand the letter to the AUB Administration and have them abide by its contents, otherwise several bombs would explode in a number of buildings in the University campus.

A thorough search was conducted at once but nothing was found. The AUB has lodged a complaint at the Public Prosecutor's office against "an unknown" for investigation.

AUB's Director of Communications in Beirut

Richard L. Schaplowsky, AUB's Director of Communications at the New York Office, is in Beirut on a three-week visit. Schaplowsky is here to familiarize himself with the AUB campus and the activities taking place, in order to better publicize AUB through the mass media in the U.S.

Schaplowsky, a graduate of the Catholic University of America (B.A. in Speech and Drama), taught English and History of American Theater for several years. Before his appointment as Director for Communications he had worked with a public relations firm in New York.

Schaplowsky is married and has a two-month-old son.

FAS Gets Grant for Potato Disease Research

The Seed Potato Marketing Board of Northern Ireland informed Dean S.P. Swenson, Faculty of Agricultural Sciences, of their wish to renew a research grant of \$7,000 for a further two-year period, 1972 and 1973.

In announcing the grant the Deputy General Manager of the SPMBNI wrote that "The Board were very impressed by the work done on this project at AUB."

The grant will help Prof. Adib T. Saad, Associate Professor of Plant Pathology, and his associates, to pursue their investigations on the nature, causes and control of the "Chocolate Spot" disease of potatoes.

The investigations conducted at AUB during the last three years on this disease yielded interesting information concerning the factors which influence the occurrence and development of the disease. The new investigations will focus on the use of growth regulators for Chocolate Spot disease control and potato production improvement.

Abboud to Direct UOP During Prof. Praniskas' Absence

During the absence of Prof. Jean Praniskas, Director of the University Orientation Program, who will be on leave during the spring semester, the University Orientation Program will be under the direction of Shehadeh Abboud.

Local Briefs

● A group of 20 young farmers from the State of Michigan, U.S.A. visited Lebanon for five days (January 25-31, 1972) on the Kellogg Farmers Study Program. This was one of a series of stops on a round-the-world trip to acquaint them with problems of economic development.

While in Lebanon the group concentrated on the problems of education, malnutrition, water scarcity and pollution. Following a panel discussion the first hour of each day, the group traveled throughout Lebanon to see evidence of these problems as well as possibilities for solving them.

The Faculty of Agricultural Sciences was the host with the cooperation of AUB's departments of Public Health, Nutrition, and Education. Lebanese government officials contributed generously of their time and facilities to make this a successful program.

● Prof. Antoine Zahlan of the Faculty of Arts and Sciences, Physics, recently attended a meeting of the preparatory committee concerning the subject of emigration of Lebanese scientists.

The committee, presided by the Director General of Information Ramez Khazen, met at the Conference Hall of the Ministry of Information. The meeting's purpose was to plan for research to be carried out on the "brain drain" problem facing Lebanon. The research studies to be carried out by the committee are to be submitted by March 15.

● Dr. Roger Chemali has been appointed as the new Director of Education to replace Dr. Joseph Zaarour who has been named Director General of Transport.

Dr. Chemali, 33, comes from Daroun, Kissarwan. He holds an Engineering degree from the Higher Engineering Institute in Beirut (1960) and a Ph.D. with Distinction, in the Physical Science, from Lyons University (1970).

He has served as a professor at the Engineering Institute and in the School of Education at the Lebanese University since 1963.

● For Lebanese Expansion Week, March 8-14, Jamil Dunia, former president of the International Lebanese Cultural Society, has donated the sum of \$1,000 to be divided amongst those students who write the best essays on the topic "Lebanese Presence in the World." The contest is free of charge, and open to any Lebanese student.

Women's Auxiliary Donate LL 15,000 to AUH for Kidney Program

A cheque for LL.15,000 has been donated by the Women's Auxiliary to the American University Hospital, during the monthly meeting of the Women's Auxiliary. The cheque was handed to Mr. David Egee, Director of AUH, by Mrs. Kamal Khoury, President of the Women's Auxiliary. This donation is intended to go for the development of a kidney program. The Women's Auxiliary is made up of volunteers who serve in the Hospital working with patients; they also run the coffee shop and the "Bargain Box." The Women's Auxiliary has donated various sums of money through the years to AUH, and have also given financial help to needy patients.

In a short speech, a doctor from

AUH thanked the Women's Auxiliary for the donation and gave a brief idea on how renal diseases are combated at AUH.

"Recently, we have acquired three machines to help patients who have terminal renal diseases," he continued. Treatment with such machines enable people, who would otherwise be dead, to function normally and lead normal lives.

He said that AUH is now developing a renal diseases program, with the possibility that renal transplants could eventually be undertaken.

"This donation has given us real encouragement from the community to develop this program," he concluded.



Mrs. Kamal Khoury, President of the Women's Auxiliary, handing over the cheque to David Egee, Director of AUH.

ME Medical Assembly to be Held in West Hall

The 22nd Middle East Medical Assembly will be held on May 4-7, 1972 at West Hall, on the Campus of the American University of Beirut. Physicians from all over the Middle East have come to look forward to this opportunity to meet colleagues, to hear eminent speakers discuss important and timely topics, and to present the results of their own research.

Last year the Committee of the Medical Assembly decided to expand the program. This was achieved by holding plenary sessions on topics of interest to physicians, regardless of their specialty; by holding several simultaneous seminars on more specialized topics; and by having special sessions on advanced in diagnosis and treatment, aimed primarily at the general practitioner.

The response to these changes was so enthusiastic that the present Committee, which is almost unchanged from last year, has decided to maintain the same format. Thus the Assembly this year will include plenary sessions on aging, drug addiction, and the "big killers" viz cancer and heart disease.

Special seminars will present advances in nervous diseases, bilharziasis, infectious diseases, respiratory diseases, electron microscopy, genetics and psychiatry, intrauterine life, kidney stones and many other important subjects.

As usual, prominent speakers have been invited from Europe and the USA, including Nobel Prize Winner U.S. Von Euler of Sweden. The Faculty of the School of Medicine and the AUB also participate actively in the program.

Last year there were 37 AUB speakers. The Chairman of the 22nd M.E.M.A. is Dr. Amal Kurban, who is assisted by Co-Chairman Dr. Khalil Abu Feisal and a Committee of nine faculty members and 2 representatives of the Medical Alumni Association, which, with the School of Medicine, co-sponsors the Assembly.

125 Papers Presented at LAAS Meeting

The Lebanese Association For The Advancement of Science recently held its third Science Meeting at the Faculty of Science of the Lebanese University. The meeting was well attended and 125 scientific papers were presented in the areas of Agriculture, Biology, Medical Sciences, Social Sciences, Physics, Chemistry and Mathematics.

A large portion of the scientists that attended the meeting and of the papers presented were from AUB. In the Medical Sciences, of the 35 papers presented 24 were from the Faculty of Medical Sciences of AUB, and of the 34 papers in Agriculture, 14 were

presented from the Faculty of Agricultural Sciences of AUB.

Car Mechanical Check-Up in February

The Ministry of Internal Affairs has called on the following vehicle owners to pay up their fees on tourist cars, private cars, lorries, passenger cars, ambulances, and to come forward for mechanical check up in Feb., 1972:

- | | |
|-------------------------------------|-----------------------|
| From number 015001 to number 030000 | Private tourist cars. |
| From number 079801 to number 080000 | Ambulances — |
| 179801 | 180000 |
| From number 060001 to number 062000 | 1st check up. |
| 160001 | 162000 |
| From number 082001 to number 084000 | Private lorries — |
| From number 090501 to number 091000 | 1st check up. |
| | Public tourist cars. |
| | Public lorries — |
| | 1st check up. |

American University of Beirut bulletin

VOLUME XV, No. 16

THURSDAY, FEBRUARY 24, 1972

Dr. Bickers of AUH To Visit Gulf States

The world at large is becoming more interested in birth control, family planning, and the population explosion. This new interest has created a change in the patient-obstetrician relationship.

"Obstetrics as a medical discipline has traditionally been a private affair between doctor and patient. The past decade has witnessed an ever-expanding horizon for the obstetrician who looks beyond his private patient to the society and community in which he lives and practices," Dr. William Bickers said.



"The obstetrician and gynecologist of the future will be progressively more concerned with social repercussions revolving around the changing attitudes, towards reproductive biology and the community health to which it is so intimately oriented," he added.

The "ever-expanding horizon" will be the theme of one of the lectures Dr. William Bickers, chairman of the Department of Obstetrics and Gynecology at the AUH, will give during his tour of the Gulf states.

Dr. Bickers will leave on February 29 for Muscat, Bahrain, and Saudi Arabia for a series of clinics, consultations, and lectures he will be giving for the doctors of the various hospitals and universities he will be visiting. He will also be consulting with a number of health ministers in the countries.

It will be the first time a member of the AUH community visits the Gulf states for the purpose of discussing family planning, said Dr. Bickers.

President Kirkwood Announces New Student Council Constitution

Dr. Samuel B. Kirkwood, President of the American University of Beirut, announced today a new constitution for the Student Council. Copies of the new constitution have been sent to the Presidents of Student/Faculty Societies and to the Deans of the Faculties. Elections for the new Council will take place during the week beginning March 6, 1972.

The new constitution covers such items as: Eligibility for Election, Organization, Responsibilities, and Officers of the Council.

Dr. Kirkwood said that the new constitution came as a result of several meetings of the Senate which discussed at length the recommendations of the Ad Hoc Committee, as well as those of student leaders on campus.

The new constitution takes into consideration a number of student concepts. It provides for an increase in the number of student representatives from 22 in the previous Council to 29 in the new one and eliminates faculty representatives on the Council; it also establishes a budget to enable the Council to carry out its obligations. Amendments by the students can be proposed.

In conclusion, Dr. Kirkwood said that the Senate will now direct its attention

to the question of student participation which had been exhaustively studied by the Ad Hoc Committee. The new constitution affirms that student participation, responsibly carried out, enhances the educational process, which is the principal function of the University, and enriches student life and disciplines students in community responsibilities.

Printed copies of the AUB Student Constitution are available to interested AUB Faculty and others in the office of the Dean of Student Affairs, West Hall. Rules governing elections scheduled for Wednesday, March 8th, 9 to 5 p.m. are also available.

Ellen Lewis Prize in Neuroscience Renewed

The Ellen Lewis Prize in Neuroscience, a cash award of \$200 established by Robert J. Lewis of New York in memory of his wife Ellen, is to be continued for this academic year also.

The prize will be awarded to a member of the faculty of student body at AUB who writes the best paper this academic year in the field of the neurosciences.

Because of the interdisciplinary nature of work and research in the neuroscience field, the recipient of the prize will be selected by a committee chaired by the Provost of the university and including the Dean of the Faculty of Medical Sciences, the Dean of the Faculty of Arts and Sciences, the Dean of the School of Engineering and Architecture and the Chairman of the Neuroscience Group.

Prof. Khouri in Chicago U. to Revise Book

Prof. Fuad Khouri of the Department of Sociology and Anthropology, has left for Chicago University on a semester's leave from AUB. He was invited to give a Seminar on the Middle East, and he will also participate in a number of other seminars on related topics.

During his stay there, he will revise a book the draft of which he has already completed; the book is based on information Prof. Khouri gathered during a four-year research on two suburbs of Beirut.

"The book," Prof. Khouri told



the Bulletin, "will consist of seven chapters dealing with several aspects of social change in an enlarging community. The first part will deal with the social history of the two suburbs: how a single village of about 500 households developed into two suburbs of about 5,300 households within 40 years, from 1930 to 1970."

Furthermore, the economic changes that have taken place will also be considered. The changes in household organization accompanying the economic changes, and patterns of change in marriage and divorce will also be dealt with in the book.

"The last chapters of the book," Prof. Khouri said, "will deal with the rise of new leaders and headmen and the alignment of people in family groups and genealogies, voluntary associations, labour unions and political parties. The last chapter will present an analysis of sect politics in the suburbs, with emphasis on mechanisms of accommodation between sects not only in the suburbs but also in Lebanon in general."

Coming Events

- **THURSDAY, FEB. 24**
Cine Club — Film show.
West Hall — Auditorium "B"
7:00 p.m.
- **SATURDAY, & SUNDAY,
FEB. 26 & 27**
Repeat concert of the Komitas
Quartet. Assembly Hall —
AUB, 8:30 p.m. Tickets: LL
10, 5 and 3.
- **MONDAY, FEB. 28**
Lecture by Prof. R. Murphy
on William Burrough: Porn-
ography of Control. West
Hall — Lecture Room, 8:00
p.m.
- **TUESDAY, FEB. 29**
"Research Towards World-
wide Prognosis of Plant Di-
seases." Lecturer: Heinrich
Weltzien, Visiting Professor
of Plant Pathology at AUB.
The lecture is sponsored by
the Society of Sigma Xi, AUB.
Faculty Lounge, Ada Dodge
Hall, 8 p.m.

Sigma Xi Sponsor Lecture On Plant Diseases

● Prof. Heinrich Weltzien will give a lecture Tuesday, Feb. 29, on "Research Towards Worldwide Prognosis in Plant Diseases." The lecture will be held in Ada Dodge Hall at 8 p.m.

Prof. Weltzien, Director of the Institute fuer Pflanzenkrankheiten, University of Bonn, was a former member of AUB's Faculty of Agricultural Sciences and is currently Visiting Professor of Plant Pathology. His research has been concerned with those ecological factors controlling the geographic distribution of plant pathogens. Environmental factors are responsible for both the spread of the pathogen and the potential intensity of the disease. Since the distribution of plant diseases can be delineated geographically, the analysis of climatological, agricultural, and biological data should lead to a system of worldwide prognosis of plant diseases.

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Editor: Radwan Mawlawi.
Reporters: Alexandros Vikis,
Mona Audeh, Nabil Nusayr.

Prof. Kouymjian to Lecture on Armenian History and Art in Special Courses Program

One of the special courses offered during the Spring Semester by AUB's Division of Extension and Special Programs which is directed by Prof. Louis Cajoieas, is a course dealing with selected problems in Armenian History and Art.

The course will be given by Prof. Dickran Kouymjian, Chairman of the Armenological Department of the Haigazian College and Professor of Armenian History at AUB.

During the course, Prof. Kouymjian will present new research and literature which have resulted in the revision of attitudes of modern scholars towards certain traditional aspects of Armenian history. Within this context, he has chosen certain topics which will illustrate the results of recent archaeological and philological discoveries. He will also present recent scholarly investigation about little-known aspects of Armenian history and culture of ancient and medieval times.

Speaking to the *Bulletin*, Prof. Kouymjian said that "five of the ten lectures which will be given during the course, will present research that I am working on at present."

As several of the lectures will be dealing with art—two will be on Armenian Iconography and one on the relationship between Armenian and Seljuk Architecture—slides will be used for illustrating the lectures.

Prof. Kouymjian earned his BA in European Cultural History at the University of Wisconsin. After earning the MA in Arab Studies at AUB he successfully completed his doctoral work in Medieval Armenian and Turkic Studies at Columbia University from which he earned the Ph.D. Since 1959 he has taught in AUB, Columbia College, and the American University of Cairo where he served as Assistant Director of the Center of Arabic Studies. He is presently Chairman of the Armenological Department, Haigazian College.



The ten-week course in "Selected Problems in Armenian History and Art" will commence on the first of March and will be held on Wednesdays in Fisk Hall, room 202, from 7-8.30 p.m. The enrolment fee is 60 L.L. for the ten sessions.

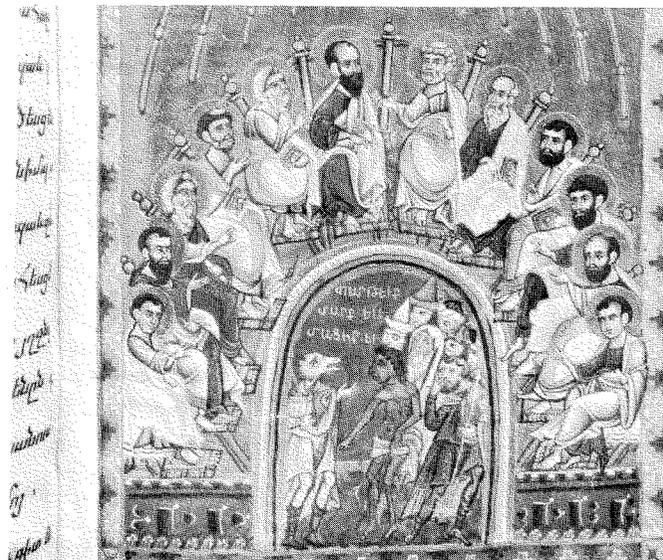
Khachig D. Babikian, Member of Parliament and former Cabinet Minister, commenting on Prof. Kouymjian's course "Selected Problems in Armenian History and Art," wrote the following:

We learn with pleasure of the introduction of a new series of lectures devoted to certain problems of Armenian History and Art, this time intended for Armenians and non-Armenians alike, as Armenian contribution to art and science since the early days of antiquity has been known only to the initiated few.

We are certain that Prof. D. Kouymjian's course will attract a large audience and lead to a fresh surge of sympathy towards the Lebanese of Armenian origin. Their Lebanese brothers, who are so often curious about the past of Armenians, will discover treasures of art, science, medicine, architecture, chemistry, literature, philosophy, and astronomy in the remote past of this people.

As for the Arab world, its ties with Armenian culture go back to the beginning of the Hijra and numerous are the manuscripts in Armenian museums and libraries which testify to this glorious period.

Because of the importance and variety of subjects to be treated by Prof. Kouymjian, we hope that the series will engage our youth at AUB and the community at large in new directions which will be added to the numerous vocations that the institution has initiated since its founding in 1866.



Miniature of Pentecost from a manuscript of the Gospels in Jerusalem.

The topics which will be discussed and illustrated during the course "Selected Problems in Armenian History and Art," are:

- I. Uartu and the Origin of the Armenians
- II. The Orontids; the First Armenian Dynasty
- III. Was Armenia the First Christian Nation?
- IV. Problems of Armenian Iconography: Pentecost I
- V. Problems of Armenian Iconography: Pentecost II
- VI. Arminiyya, the Arab Province from the VII to the IX Century
- VII. Islamic Astrolabes with Armenian Inscriptions and the Question of Armenian Science in the Middle Ages
- VIII. "Do You Play Chess?" Problems of Armenian and Muslim Historiography in the Middle Ages
- IX. The Relationship between Armenian and Seljuk Architecture
- X. Colophons of Armenian Manuscripts: New Sources for Middle Eastern History

American Marine Pollution Expert Visits AUB

Charles Black, an American businessman and expert in marine biology, cautioned the Lebanese people during his recent visit to Beirut against environmental pollution. Talking about marine pollution, he said that it is disastrous to sea resources and it also endangers the public health. Black expressed his interest in the fishing industry and its importance in the country; he also discussed ways and means of improving this industry, important to a coastal state.

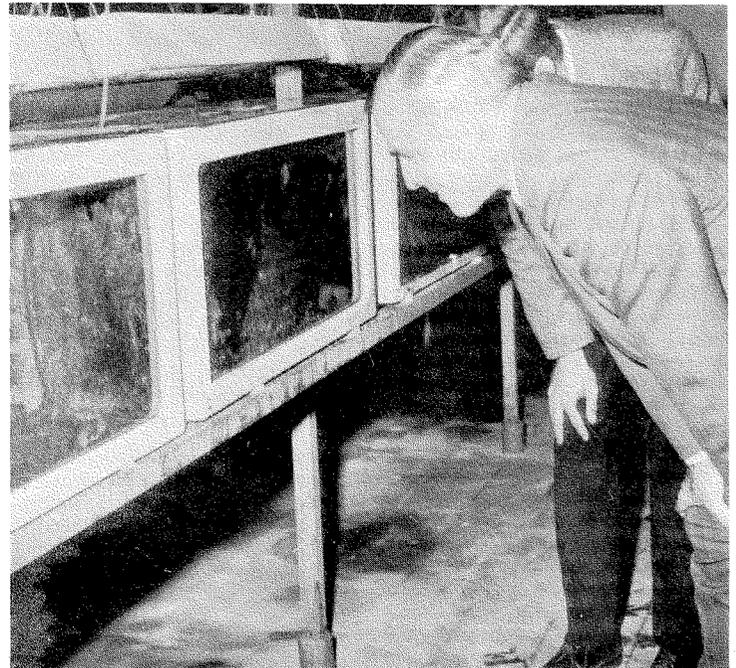
Lebanon, he said, has a beautiful sea, and the Lebanese press could play a great role in the enlightening of the people in regard to the dangers of environmental and especially marine pollution. He indicated that growth of the fishing industry along the coast depended on the sea's cleanliness.

Black is the president of Mardela International Ltd., which is a private American company concerned with the development of marine resources. The company is currently interested in a three-

year technical assistance program in Oman for the development of Fisheries. He is also interested in what he calls "far out" ideas: the use of seaweeds, the use of muds for construction, the collection of toxins by the Pharmaceutical industry. The company is also concerned with conservation and looks upon the sea as well as brackish and freshwater environments as needing to be farmed rather than hunted.

Black visited the AUB campus and expressed the variety of interests in work being done. He met with Prof. Philip Basson, head of the Marine Biology Department, and his staff, discussing with them the program in marine biology at AUB. In this respect he was hopeful that Mardela would be able to work closely with the AUB staff and faculty. He also expressed his wish to recruit a number of students to assist Mardela in carrying out its project in Oman.

Dr. Ziyad Shehadeh, a Lebanese AUB graduate, who is currently employed at Mardela, has



achieved a number of scientific successes in the field of marine biology and pollution. Mr. Black, while praising the efforts made

by Dr. Shehadeh in the field, suggested there was a possibility of having Dr. Shehadeh give a series of lectures at AUB.

716 AID and Bursary Students at AUB for 1971-72

Eighteen per cent of students enrolled at AUB, i.e. 716 out of a total enrollment of 4,000, are recipients of scholarships from various agencies such as the US Agency for International Development (AID), governments and governmental agencies, granting bursary scholarships to their nationals, the United Nations, other universities, business firms and other private groups.

Sixty-five per cent of the scholarships awarded for 1971-72 went

to students from six countries: 106 students from Jordan; 88 from Pakistan; 73 from Lebanon; 73 from Bahrain; 66 from Afghanistan; and 63 from Kuwait.

446 students from 14 countries are recipients of AID scholarships. Most of these scholarships went to Jordanian students, 96; Pakistan comes second with 88 students, and Lebanon third with 65. Forty-two per cent of all AID students come from Arab countries; such students receive full

tuition scholarships plus funds for books and living expenses; in addition to tuition, which in most cases represents about twenty-two per cent of the total cost of education, the university receives the full educational cost of each AID student.

The largest group of Bursary students—there are 270 bursary students—comes from Kuwait, with 63 students enrolled in AUB for the academic year 1971-72. Seventy-nine per cent of all Bursary students come from Arab

countries, with 212 students supported by Middle East governments or governmental agencies. In addition to the payment of tuition fees and living expenses, sponsors of bursary students pay to the university a bursary fee.

In all, 30 countries are represented by AID and Bursary students at AUB. Records indicate that most of these students will return to their home countries and take responsible positions in areas for which they were trained at AUB.

AID & BURSARY STUDENTS AT AUB — 1971-72

ARAB COUNTRIES	AID	BURSARY	TOTAL
Jordan	96	10	106
Lebanon	65	8	73
Bahrain	7	56	73
Morocco	12	—	12
Dubai	5	1	6
Abu Dhabi	1	—	1
Libya	1	3	4
Kuwait	—	63	63
Saudi Arabia	—	22	22
Sudan	—	16	16
Egypt	—	5	5
Oman	—	3	3
Sharjah	—	3	3
Iraq	—	2	2
Palestine	—	2	2
Qatar	—	2	2
Algeria	—	1	1

Syria	—	1	1
Yemen	—	14	14
Total	187	212	385

OTHER COUNTRIES

Pakistan	88	—	88
Afghanistan	63	3	66
Cyprus	48	—	48
Iran	25	1	26
Turkey	21	—	21
Nepal	10	1	11
Maldives	4	—	4
Ethiopia	—	10	10
U S A	—	39	39
Sierra Leone	—	2	2
Somaliland	—	2	2
Total	259	58	317
Grand Total	446	270	716

Local Briefs

● Local papers carried feature stories with photographs on the AUH Coffee Shop and the work of the Women's Auxiliary of the AUH. The stories appeared after the donation made by the Women's Auxiliary to the kidney program of the AUH.

The story on the Women's Auxiliary was carried by a number of dailies with photographs showing Mrs. Khoury, the President of the Women's Auxiliary, handing a check of 15,000 L.L. to David Egec the Director of AUH.

● The Executive Council for Social Welfare has agreed to increase the hospital, service, and surgical operations tariffs. It has also raised the bed tariffs minimum to LL. 12.

The proposal had been approved by the Higher Advisory Committee for Health Security, of which Dr. Raif Nassif, Director of the School of Medicine at AUB, is a member.

● An interview with Prof. Jack Nasser of the School of Engineering and Architecture, concerning his paper on the use of thin shells as a new economical type of structure for high-rise buildings, was conducted by the National News Agency, Ministry of Information. It was published by a number of newspapers, and exclusively by Al-Anwar.

Personnel Transfers

● It has been announced that John Saba has been transferred to the Housing Office where he will be serving as the Assistant Director of Housing.

● Fahim Haddad has been appointed as Trainee in the Business Services Office.

● Nabeel G. Ashkar, formerly Director of Alumni Affairs, has been serving since Jan. 1, 1972 as Assistant Registrar for Public Relations.

Medical Excuses Abolished

The Board of Deans, upon the recommendation of the University Health Service and the Office of Student Affairs, has decided to eliminate the system of written excuses for students allegedly unable to attend classes, quizzes or examinations because of illness. Henceforth, each faculty member is to assume full responsibility for the manner in which he will deal with absences and the consequences thereof.

AUB Architecture Students Complete Project On Future Urban Development of Hamra

A panel discussion on "The Future Urban Development of Hamra" took place at the Alumni Club on Thursday, Feb. 17. Members of the panel included students of the graduating class of Architecture (AUB), prominent architects, and others; the coordinator was Prof. Simon Mousalli.

The panel discussion followed the completion of a project on Urban Development, of the Hamra area specifically, undertaken by the fifteen students of the graduating class of Architecture.

In a talk to the *Bulletin*, Prof. Simon Mousalli, under whose direction the class worked, said that the project "was part of an Urban Design course for undergraduate architects." "This course," he added, "introduces students to the problems of urban planning and particularly to the role of the architect in urban development in general."

The undertaking of the project gave the students the opportunity for the practical application of the theory taught during class lectures; it gave them the opportunity to apply to real situations what was learned as theory.

ment of Hamra would have taken a professional architect at least a couple of years to complete, as it is a very complicated task which requires a variety of factors to be taken into consideration. "The whole project," Prof. Mousalli said, "was more of an academic exercise and not a professional job. We had to make too many assumptions in the course of the project, and many of these proved to be wrong."

The utopian character of the undertaking of the project, which the students completed in four months, is not denied by those involved in it. But as Prof. Mousalli puts it, "We believe very frankly that the University, and particularly AUB, has to play a very important role in the development of Lebanon. This can be done by promoting new ideas, even if these ideas are utopic. Because, after all, this is the role of the University: To develop the creative imagination of its students."

"The main purpose of education," he added, "is to make the students aware of the 'why' of things, and perhaps this is more important than the 'how'; the 'how' is a question of technique, but

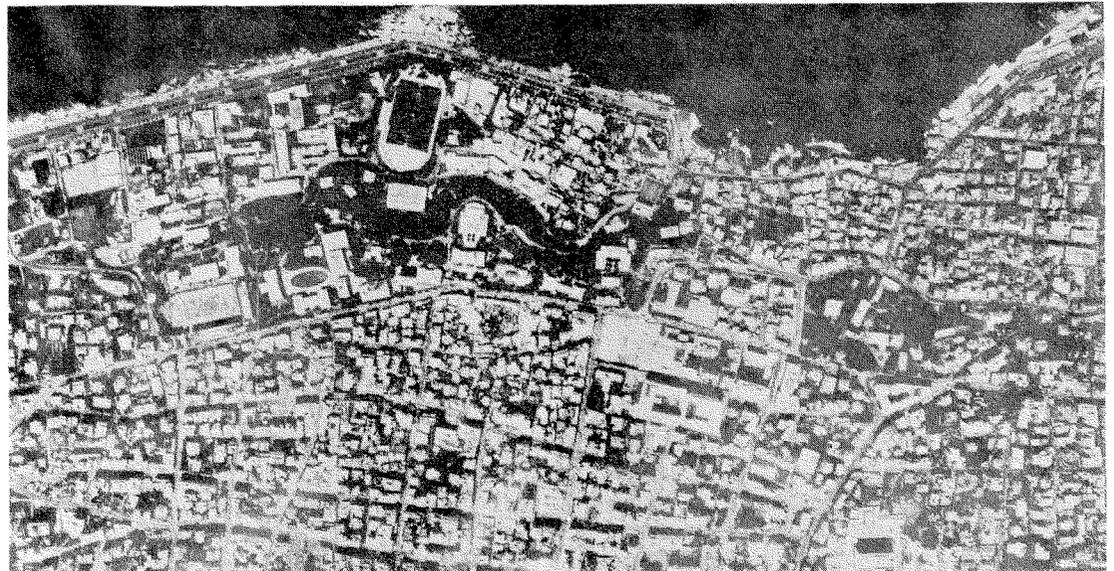
us."

In the course of the project students encountered various problems which led them to develop several basic ideas and principles. One such principle was the need for the separation of the different types of circulation—pedestrian and vehicular; also the need for a harmonization of living and working conditions.

"The students came to understand that planning is basically a social and economic action, not simply a physical type of planning," Prof. Mousalli said. "The role of the architect, he went on, "is to give a physical three-dimensional expression to socio-economic goals."

"Planning," he said, "is one field where the fourth dimension, that of time, is extremely important. One has to look at planning as a basically evolutive and dynamic action which aims at controlling change within the framework of time."

Asked whether the project could be considered as a success, Prof. Mousalli said that "the best criterion to judge the success or failure of academic work is to look at the interest and enthusiasm that the work creates. I



The choice of Hamra as the object of the project was the result of many factors, one of which, as Prof. Mousalli said, was that "Hamra constitutes a unique case of urbanization." "We were very ambitious," he said, "in choosing Hamra; we thought it offered the whole range of the problems of a town center: from urban renewal of slum areas and the development of residential ones, to improvement of shopping centers."

A proper study on the develop-

ment of Hamra would have taken a professional architect at least a couple of years to complete, as it is a very complicated task which requires a variety of factors to be taken into consideration.

During the panel discussion several criticisms were raised. But "that was because we were trying to get out of routine procedures," Prof. Mousalli said. "Of course we realize that one has to be realistic," he went on, "but as far as educational subjects are concerned, it is time to open the way for more imaginative solutions to the numerous problems that surround

us." "The main purpose of education," he added, "is to make the students aware of the 'why' of things, and perhaps this is more important than the 'how'; the 'how' is a question of technique, but

am happy to say," he said, "that the students devoted a great part of their holidays to complete the project and organize the panel discussion. This is proof enough of the deep interest students felt for the project which is essentially their project."

American University of Beirut

bulletin

VOLUME XV, No. 17

THURSDAY, MARCH 2, 1972

AUB - People and Offices

Who looks after the physical side of the enormous AUB campus, with its many buildings, playgrounds and gardens? Who maintains the instant and smooth function of an electric switch or a water tap, and the highly intricate and complex equipment of the Hospital?

For an answer, the Bulletin went to see Aziz K. Nahhas, Director of Physical Plant, and returned with much interesting information on the function, responsibilities and future commitments of the Physical Plant.

To Nahhas, the main function of a University is to teach; if Professors could, as in ancient times, teach in the open air, then there would have been no need for a Physical Plant. He concedes, however, that Professors can no more teach only by word of mouth in the open air, and need buildings and sophisticated service equipment to carry out the instructional, research and medical activities of a modern University.

Consequently, the capital funds spent by universities on buildings and equipment are reaching fantastic figures and the costs of operation and maintenance are becoming increasingly out of proportion with past and present requirements.

We believe the AUB University community ought to be acquainted with the problems and commitments which have to be faced by the University Trustees and the Administration as a result of the on-going tremendous growth of the AUB Physical Plant from 160,000 m² of built floor area in 1967 (at a replacement value of \$17,000,000) up to 240,000 m² in 1974 (at a replacement value of \$44,000,000).

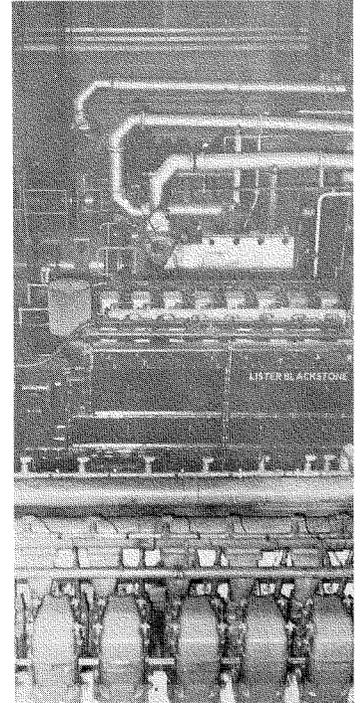
The term Physical Plant designates the comprehensive facilities and equipment plants which support the functions of the University: academic and scientific buildings, medical buildings, faculty and student housing buildings, athletic facilities, campus grounds

and all related installations and utilities supply and distribution systems (power and steam generation and distribution, hot and cold water supplies, drainage and sewage disposal, heating, ventilation, airconditioning, refrigeration, etc.).

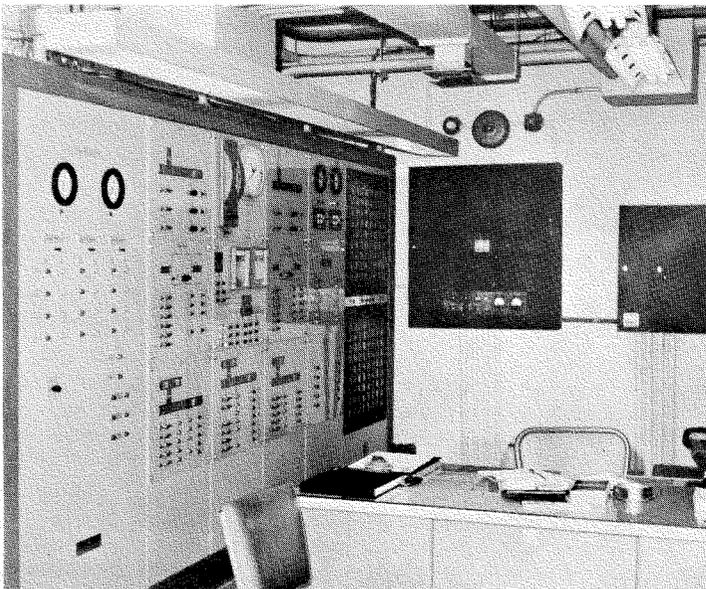
The main function of the Physical Plant Directorate is to plan, develop, operate, maintain and repair the above facilities to a high degree of reliability and performance, and keep them fit for the longest period possible with their depreciation and operating costs at a minimum. To carry out this responsibility, preventive maintenance programs, routine maintenance and repair activities and the continuous design and implementation of improvements and new facilities must be planned, budgeted for, implemented and controlled. Numerous supporting services have also to be provided for the academic, research, medical and public activities of the University: communications, telephone, custodial and janitorial services, groundskeeping, refuse collection and disposal, gardening and the rest.

The growing investment in building service equipment is causing a rapid increase in operating costs as demonstrated by the sharp rise in utilities and communication costs, as well as a very important increase in the scope of maintenance requirements.

The Medical Center, 90,000 m² of new sophisticated buildings and their complex equipment and systems (\$27,000,000 investment), represent a new and very important maintenance commitment. Equipment replacements at end of useful life (assumed at a maximum average of 14 years with extensive preventive maintenance) represent alone a yearly commitment of \$130,000 in 1974 to \$300,000 by 1979 and will reach a maximum of \$400,000 by 1984. In can easily be realized that if adequate preventive maintenance is not provided, the useful life of the equipment will be much shorter and its premature and fre-



AUB Electrical Power Plant, 3,600 Kw installed Capacity, to be expanded to 6,000 Kw to feed Phase III.



Visual Data Monitoring Control Center for MedCent Service Equipment and utilities, manned 24 hrs/day.

quent breakdowns will hamper and jeopardize the academic and medical activities of the University. Moreover, the premature failure of this costly equipment would be a very serious financial loss to the University, resulting in the delay or cancellation of essential teaching functions and in possible life hazard at the Medical Center. A careful long-term planned preventive maintenance program must accordingly be implemented and controlled; this has already been initiated for Medical Center Phases I and II; it should be extended to Phase III and to all the AUB Physical Plant.

Service equipment replacements at end of useful life must also be made in accordance with requirements, before breakdowns become excessive and too costly, and the reliability of the Plant service is jeopardized. This total maintenance replacement costs will reach \$730,000 in 1974 and \$1,010,000 in 1979.

Coming Events

- **WEDNESDAY, March 1**
"Prova" — A Play in Arabic.
West Hall — Auditorium.
Tickets: L.L. 10, 5, 3 and 2.
- **THURSDAY, March 2**
Professor Michael Gilsean —
Assistant Professor of Anthro-
pology will present the first
of a Two-Part Lecture on *Is-
lamic Mysticism* based upon
his research dealing with the
Sufi Orders of Present Day
Cairo. 212 Nicely Hall.
4.00 p.m.
- **THURSDAY-SUNDAY**
March 2-5
Repeat Performance of the
Play "Prova." West Hall —
Auditorium at 8.30 p.m. Tic-
kets: L.L. 10, 5, 3 and 2.
- **SATURDAY, March 4**
Jazz and Folklore Concert
(Sami Clark). Assembly Hall
— AUB at 3.00 p.m. Tickets:
L.L. 5 and 3.
- **SATURDAY, March 4**
Party by the AUB Folk Dance
Club. Mary Dodge Hall at
8.00 p.m.
- **SUNDAY, March 5**
Piano Concert (Students of
Mrs. Bujakanian). West Hall
— Auditorium at 5.00 p.m.
By Invitations.
- **MONDAY, March 6**
Piano and Cello Concert (Lily
Bienvenu — Piano; Eliane
Magnan — Cello). Assembly
Hall — AUB at 8.30 p.m.
Tickets: L.L. 15, 10 and 5.
- **MONDAY, March 6**
International Dinner — (Edu-
cation Society). West Hall —
Common Room at 6.30 p.m.
By Tickets.

● The first meeting of the Fif-
teenth Annual Philosophy Sympos-
ium for the academic year 1971-
1972, will take place on Monday,
March 6, 1972 at 4.30 p.m. in
room 322 Nicely Hall.

Dr. Majid Fakhry will deliver
a paper on *Three Varieties of
Mysticism in Islam*.

The meeting is open to all
members of the University Com-
munity.

CERAMIC DESIGN AND POT-
TERY will be offered on Mondays
and Wednesdays, 6 to 8:30 p.m.
beginning March 20. Instructor:
Nuha al-Radi; Registration now
open: 110 West Hall, Division of
Extension and Special Programs,
AUB.

Speaker's Corner and Local Press Discuss New SC Constitution

The new constitution of the Stu-
dent Council, announced by Presi-
dent Kirkwood last week, was the
main topic of discussion of the
first Speakers' Corner of the Spring
Semester held on Thursday,
Feb. 24.

The local press also carried se-
veral articles commending on, and
analyzing, the new constitution.

One of the speakers at
Speakers' Corner called upon the
students to accept the new consti-
tution; he said that it was not a
gift of the administration of the
university but a result of the
struggle the students have waged
since the last constitution was sus-
pended last year. The student cri-
ticized those who kept calling for
an independent Student Council,
saying that this conflicts with the
principles of cooperation and de-
mocracy.

Other students presented op-
posing points of view. One of
them called on students to elect a
committee for drafting a constitu-
tion by the students and for the
students; the Student Council
should subsequently be elected on
the basis of such a constitution,
he argued.

Another student also called for
the rejection of the constitution
which he called an insult to the
students' intelligence.

During Speakers' Corner, which
was attended by about 200 stu-
dents, a statement of the Student
Struggle Committee was distri-
buted. The statement entitled
"Towards a National Student
Union at AUB" rejected the new
constitution, calling it one of form
and not of substance.

Speakers' Corner lasted for less
than an hour and was relatively
quiet.

Chapel Services

On Sunday March 5, 9 a.m.,
the guest Preacher at the Chapel
will be Dr. James Fennelly. His
topic: "The Student Speaks to the
Professor."

The AUB Bulletin is the offi-
cial news publication of the Amer-
ican University of Beirut, Beirut,
Lebanon. It is published weekly,
except during University holidays,
by the Office of Information, Col-
lege Hall, 306.

Director of information &
Responsible editor:

Redwan Mawlawi

Editor: George Salhab

The local press treated the
subject of the new constitution
from various angles.

Al-Nahar's main comment en-
titled "What is the new Consti-
tution for the AUB Student Coun-
cil?" presented the main points of
the constitution and then went on
to say that the constitution was
received by the students with
mixed feelings. Some felt, the ar-
ticle read, that the constitution met
the demands of the students, while
others felt that a new Student
Council will be useless unless it
is absolutely independent from the
university administration.

Al-Anwar, in an article titled
"AUB students refuse the new
constitution of the Student Coun-
cil," summarized the main points
of the constitution and then pre-
sented some student objections to
it.

Al-Youm and Lisan Ul-Hal pub-
lished interviews with AUB stu-
dents about the constitution. In
the interviews, some students ex-
pressed their support to the consti-
tution and others their opposi-
tion to it.

Several papers also carried
stories on the coming Student
Council elections scheduled for
March 8.

The papers mentioned that the
elections will be supervised by
four election committees, and the
votes cast will be counted by
computers. Some papers reported
that there will be ten polling sta-
tions on campus for the election
of representatives of the four Fac-
ulties.

Several papers commended on
the ineligibility for nomination of
students who have received warn-
ings, and on the right of the Se-
nate to accept or reject amend-
ments to the constitution proposed
by a two-third majority of the Stu-
dent Council.

Alumni Association Organises Concert Lectures

The Alumni Association of AUB
is organizing a series of Ten Con-
cert Lectures for Children to be
presented by Prof. Allen B. Hovey
of the Department of Fine and
Performing Arts; Prof. Hovey will
be assisted by Kifah Fakhoury.

The first Concert Lecture, "The
Elements of Music," will take
place Friday, March 5, 5 p.m. at
the Alumni Club.

The program will include ten
lectures, starting March 3 and end-
ing May 12.

Tickets for individual concerts
are for 50 piasters, and Season
Tickets for the ten lectures cost
4 L.L. sold at the Alumni Club.

Classes Suspended at AUB after Student Clashes

In view of the clashes that
occurred on the campus on
Wednesday afternoon and to
ensure the safety of students,
Dr. Samuel B. Kirkwood,
President of the American
University of Beirut an-
nounced that classes would
be suspended as of Thursday
morning March 2nd until
further notice.

Libraries will be closed
and students will not be ad-
mitted to the campus.

The clashes occurred in-
side the Engineering School
building between students of
Arts and Sciences and Engi-
neering students, at about 3
p.m. Wednesday, March 1.

The clash lasted for half
an hour and resulted in slight
injuries to the following
eleven students:

Roger Deeb, Nizam Sham-
mas, Khalid Ayyad, Mustafa
Abu Lisan, Malik Zein, Mo-
hammad Dajani, Alfred Ta-
rabey, Maroon Helou, Esber
Rabi', Hagop Besos, Nakh-
leh Tarazi.

A good number of chairs,
tables and Engineering tools
were destroyed during the
clash, as well as some win-
dows, doors and pieces of
furniture.

All through the day, slo-
gans and chants from the
loudspeaker were heard all
over the campus, but before
evening, the campus was
quiet again.

It is worth mentioning,
however, that AUB students
started a campaign Tuesday
to collect donations which
they actually carried to the
South and distributed among
villagers suffering from the
recent Israeli aggression.

Surgical Congress Held in Beirut

The Lebanese Chapter of the US College of Surgeons held its fifth congress at the St. Georges Hotel in Beirut last week. A large number of distinguished doctors from several countries were present at the opening of the congress which was addressed by the Minister of Health and Information Henri Torbey. During his address the Minister said that "the convening of such an important congress in Lebanon shows the high scientific position this country occupies in the fields of Medicine and Surgery."

Dr. William Bickers, professor and Chairman of the Department of Obstetrics at the American University Hospital, spoke on "Endometriosis in the Middle East." In all, 25 doctors of the AUH, out of a total of 50 participants, presented papers on various topics.

Among those on the program were US surgeons, four physicians and one pathologist. 37 participants come from Beirut, four from the USA, four from Britain and one from each of Sweden, Spain, France and Jordan.

The American guest speakers were: Dr. C. Rllins Hanlon, Director of the American College of Surgeons; Dr. Alton Ochsner, one of the deans of American Surgery; Dr. Denton Cooley, the famous cardio-vascular surgeon from Dallas; Dr. Walter F. Ballinger, Bixby Professor of Surgery at the Washington University School of Medicine in St. Louis and Dr. Celso Ramon-Garcia, Professor of Human Reproduction in the Department of Gynecology and Obstetrics at the University of Pennsylvania in Philadelphia.

The guest speakers from England were: Mr. Charles W.S.F. Manning, Consultant in Orthopedic Surgery at the National Orthopedic Hospital in London; Mr. G.K. McKee, Consultant in Or-

thopedic Surgery at the Norwich Hospital in Norfolk; Dr. Basil Morson from the Department of Pathology at St. Mark's Hospital in London and Mr. R. Turner-Warwick, Surgeon in Charge at the Middlessex Hospital and Consultant in Urology at St. Paul's Hospital in London.

Dr. Sven-Erik Bergents, Professor of Surgery at the University of Lund in Sweden; Dr. Jose Ma Cil-Vernet, Professor of Urology from Barcelona in Spain and Dr. Paul Tessier, the famous Plastic surgeon from Hôpital Foch in Paris, France also participated as guest speakers in the scientific program of the Congress.

The congress which opened on Thursday and continued till Saturday, Feb. 26, is the fifth surgical congress in the Middle East held by the Lebanese Chapter. The first, second, third and fourth congresses were held in Feb. 1965, 1966, 1968 and 1970 respectively.

The American College of Surgeons, which was founded in 1913 and has since become the largest and most active surgical organization in the world numbering over 30,000 Fellows in 83 countries, is a scientific and educational institution organized for improving the care of the surgical patient.

Its foundation was geared towards the establishment and maintenance of an association of Surgeons brought together for the advancement of the science or surgery, as well as the ethical and competent practice of its art to benefit humanity.

The Lebanese Chapter of the American College of Surgeons was founded in Beirut in 1963 by 20 Founding Fellows. The Governor for Lebanon is Dr. Yervant Jidejian; the President for Chapter 1972, Lebanon, is Dr. Hassib Bulos, the Vice President is Dr. Subhi Barmada, and Secretary-Treasurer is Dr. Sameer Shehadi.

EMEEC Announces Photo Contest

The Engineering Materials and Equipment Exhibition Committee announces a photo contest to provide an emblem for this year's exhibition, open to all members of AUB community.

The selected photographic work is intended to be used for the posters, stamps, stickers, and invitation cards of the exhibition.

The conditions of the contest are the following:

1. The format of the photograph will be: 30 x 40 cms.

2. The photograph or photographic composition will be in black and white on mat paper.

3. Each participant will present one photograph not later than March 15th, 1972 to the Engineering Dean's office before 17.00 hours.

4. The photographs will be evaluated by appointed committee and decisions will be irrevocable.

5. One hundred Lebanese Pounds will be awarded to the winner of the contest.

Ellen Sabra Scholarship for Nursing Students



Mrs. Huda Khuri, President of the Women's Auxiliary, presented President Samuel Kirkwood with a check for L.L. 1,000 to be awarded annually to a worthy Lebanese student nurse for post graduate work, in memory of the late Ellen Sabra. Mrs. Dwight Monnier, vice-president of the Women's Auxiliary, and the brother and

sisters of the late Mrs. Sabra were present.

Mrs. Khuri spoke of the untiring energy and valuable service of the late Ellen Sabra, who was one of the charter members of the Women's Auxiliary.

President Kirkwood thanked Mrs. Khuri and the Women's Auxiliary for their tireless efforts.

AUB Scholarship in Memory of A. Osseiran



At the invitation of the Abdallah Osseiran Memorial Committee and the Alumni Association, a large meeting was held at the AUB Assembly Hall on Friday, Feb. 25, to commemorate the tragic death of Abdallah Adil Osseiran.

The memorial meeting was opened by recitals from the Holy Koran, and moving eulogies were delivered by Edmond Rizk, MP, Vice President George Hakim,

Professor Nafhat Nasr, Prof. Adnan Haidar, Dr. Amin El-Hafez, Dr. Saadallah Al-Khalil, and particularly by H.E. Adil Osseiran, the bereaved father of the late Abdallah Osseiran.

During the memorial meeting Dr. Saadallah Khalil announced that the Abdallah Osseiran Memorial Committee had decided to grant an annual scholarship to an AUB deserving student from South Lebanon.

AUB Students in Support of South Lebanon

AUB students went on a one-day strike on Tuesday, February 29, in support of the people of South Lebanon. Money contributions were collected at the campus gates in aid of people in the South, and a drive to collect clothing and foodstuffs was started. Patriotic songs were heard all over the campus from loudspeakers in West Hall.

Plans for a blood donation campaign were cancelled when it was learned from the AUH and the Jerusalem Hospital that they had enough blood supplies for emergencies.

A joint march of AUB, BCW, and Haigazian College students was scheduled for the afternoon.

Medical Student Killed In Car Accident

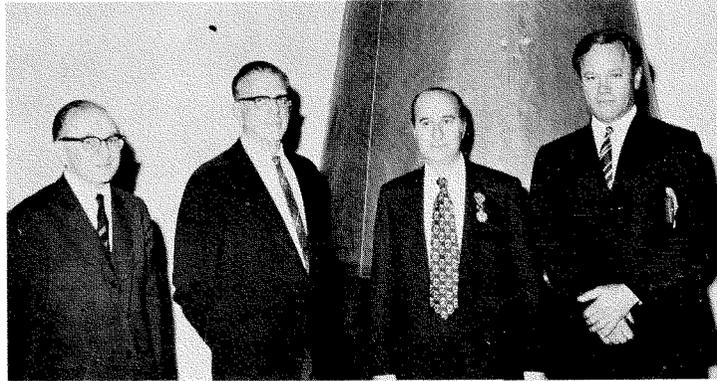


John Abi Hashim, an AUH internee expected to graduate from the AUB Medical School in June 1972, was killed in a car accident on Friday, Feb. 25.

At the funeral held in Aley on Sunday Feb. 27, the AUB Dean of Students, accompanied by Dr. Adel Afifi, Associate Director of the Medical School, expressed his condolences to the family and relatives of the victim on behalf of President Kirkwood and the AUB community.

Faculty, students and other members of the community are reminded to carry their current identification with them at all times. There will be unannounced checks of identifications at all AUB gates from time to time.

Shamma'a Decorated With Lebanese Order of Cedars



At a gathering on Tuesday, Feb. 29, at the AUB Faculty Lounge, attended by President Kirkwood, Vice President George Hakim and a large number of Faculty members and friends. H.E. Dr. Najib Abu-Haidar, Minister of Education, decorated Michel Shamma'a, AUB Student Advisor, with the Lebanese Order of the Cedars.

Vice President Hakim welcomed Dr. Abu-Haidar to what he described as a family gathering, and the Minister of Education expressed his personal pleasure at

being present for the occasion.

Dr. Abu-Haidar paid high tribute to AUB and the services it rendered saying he realized the importance of these services while in government during the past fourteen months.

In his speech, Mr. Shamma'a thanked H.E. the President of the Republic, the Minister of Education and AUB, and reviewed his long association with AUB, as a student and member of the Administration and Faculty, which dates back 48 years ago.



Mr. Kamal Khuri, Minister of Public Works and Agriculture, was the guest of honor at a dinner given by the Agriculture Chapter of the Alumni Club on Friday, Feb. 25.

The dinner at the Club was attended by a large number of alumni professors, and guests including Dr. Stanley Swenson, Dean of the School of Agriculture; President Samuel Kirkwood also made a brief appearance.

Dr. Raja Tannous, associate professor of Food Technology and Nutrition and President of the Chapter, welcomed the minister, and introduced Dr. Nicola Attallah, professor of soil irrigation and vice-president of the Chapter.

Dr. Attallah gave a short ac-

count of the agriculture alumni—500 strong since 1956. They are now serving their countries in both the public and private sectors. Over 130 graduates, Dr. Attallah said, are Lebanese still residing in Lebanon.

In his speech the Minister of Agriculture, formerly a Faculty member of the AUB School of Engineering, spoke of the Lebanese Six-Year Plan, saying that the government was planning to expand in the three fields of development, marketing, and production. Trained persons would be needed for this expansion, he said, and graduates of the School of Agriculture would be welcome. Mr. Khuri advised patience, though, pointing out that such projects would take time.

Israeli Attack on S. Lebanon Topic of Discussion at Speaker's Corner

The Israeli attack on South Lebanon was the topic of discussion of a special session of the Speakers' Corner on Monday at 12 o'clock noon. The Corner was attended by over 250 students.

The various students who participated pointed out different aspects of the situation. More than one student called for governmental action to protect the South. He said that in the past, the Arab states always reacted, rather than acted, to their enemies.

Another student, who said he came from South Lebanon, said that no matter how much talking was done, no one could really know what the people of the South were suffering. Even if they could, their talking would not help. He called on the students to help instead by making money and clothing donations.

Still another student drew attention to the fact that although it was South Lebanon which was under attack, and this issue should be of great importance to the Lebanese, the majority of the listeners at the Speakers' Corner were in fact Palestinian. He criticized the Lebanese students' apathy to the imminent danger of the Israelis.

It had been previously announced that clothing and money campaigns would be carried out on Tuesday 29, as well as a blood-donation-drive by the students. Students were also asked to observe a one-day strike on Tuesday, along with other universities in Beirut, and take part in a university-wide demonstration on that day.

A march followed the Speakers' Corner, in which approximately 250 students participated. It began outside West Hall, moving towards the Medical Gate, then proceeded outside the University and moved up Hamra Street. As the march continued, completely stopping traffic, the marchers shouted slogans and chanted, and addressed the people on the streets and in the buildings. They warned them that the information given to them by the mass media was incomplete and biased. The students called on the Lebanese to stand up to their "historical responsibility" and force their government to act in the face of the enemy.

As the march moved along Hamra Street, it collected a number of Squad 16 jeeps as escort. The march proceeded without any physical violence, however, and after over an hour of walking, the marchers returned to the AUB campus.

American University of Beirut bulletin

VOLUME XV, No. 18

THURSDAY, MARCH 9, 1972

President Kirkwood Addresses Community

Dr. Samuel B. Kirkwood, President of the American University of Beirut, announced on Tuesday, March 7, that classes will be resumed on Wednesday, March 8, 1972. The University had suspended classes for a week following clashes between students which led to the injury of eleven students and to extensive property damage.

President Kirkwood issued the following statement after consultation with the Senate.

The University wants to continue its educational program, and it firmly believes in the importance and uniqueness of that program. Its desire is to serve its students and their countries and to promote science and learning. However, the University today faces grave dangers that challenge its very existence. It cannot continue functioning if its rules and regulations are violated, if students resort to violence and coercion in the expression of their feelings and convictions, if buildings are illegally occupied, property destroyed and its normal academic program disrupted.

It cannot continue functioning if a minority of students dictates its will to the majority, or if the majority does not respect the rights and freedoms of the minority.

Nor can it continue functioning if its many friends



and wellwishers do not rally to its support at this critical moment. Good will, good intentions and constructive criticism are no longer enough.

All those who wish to see the University continue its work must now translate that wish into active support. The AUB, like any other university, is based on the principle of freedom of thought and expression. It supports the right of every student to express his views freely on any subject, as long as these views are expressed within the limits of decency, are compatible with Lebanese law and are not libelous to others or inciting to riot and disorder.

This principle of responsible freedom whereby the freedom of others is always taken into account is the fundamental principle of university existence everywhere.

The importance of this University consists in its being a platform for the creative interaction of diverse points of view. This interaction is essential for the cultural development of this region. What is at stake now is this free and peaceful interaction of all points of view.

To those who ask in all sincerity how can they help, we, in gratitude, reply: take nothing for granted about the University. All can help in promoting a climate of

tolerance and respect on campus by firmly believing in and strongly upholding the following four principles:

1. That the rules and regulations of the University be respected and observed by all.
2. That there be mutual respect for differing points of view.
3. That maximum restraint be exercised to avoid the use of any provocative or insulting words or acts.
4. That no student group resort to provocation, coercion or violence, either against the University or any other group.

The American University of Beirut appeals first of all to its students to abide by these principles and defend them. The University also appeals to the community at large to help actively in the creation of a new climate conducive to the continuation of its academic program: parents with their sons and daughters, professors with their colleagues and students, alumni with one another, governments with the offices under their control, the mass media with public opinion.

We are confident that if each of us performs his responsibility according to his competence, AUB will overcome the present crisis and pursue its educational role.

INSEA Officers Visit AUB

Miss Eleanor Hipwell, world president of INSEA (International Society for Education through Art), is visiting the Lebanon as guest of the Minister of Education and Fine Arts Najib Abou Haidar. Accompanying Miss Hipwell is Alun Williams, an officer of INSEA and Director of the National Museum of Wales. Williams is a specialist in Mobile Educational Exhibits and is interested in the possibility of taking back an exhibition of Lebanese handicrafts to be shown in Britain.

The purpose of the six-day visit of the two officers of INSEA is to be acquainted with the educational and fine art institutes in the Lebanon.

INSEA's annual conferences attract 500 delegates from 45 countries. This organization's representatives for the Lebanon are Mr. and Mrs. James Sullivan.

Miss Hipwell and Williams toured the campus on Monday, and visited the University Museum.



Miss Hipwell and Williams (right) with AUB Vice President George Hakim.

Nursing Workshop

A workshop, the first of its kind in the area, was held at the Medical Center, Phase I, on Feb. 18 and 19 to consider the topic of the Delivery of Local Health Care. The workshop was sponsored by the Public Health Nursing Division — Community Health Practice of the School of Public Health.

Thirty-one nurses engaged themselves in dialogue and problem-solving sessions for two work-packed days.

Miss Edna Metcalfe, Regional Nursing Advisor from E.M.R.O. of W.H.O. was the first consultant to challenge the group to con-

sider the current and future role of the Public Health Nurse in countries of the Middle East. Miss Metcalfe has been with the World Health Organization for many years and served in E.M.R.O. over the past three and a half years.

Miss Lillian Turnbull, Chief Nursing Officer at the World Health Organization (W.H.O.), Geneva, was the moderator at the workshop. Nurses attempted to define and develop their role to meet the special health needs of the area. Miss Turnbull remained in Lebanon through Feb. 26 to offer consultative services to UNRWA and the AUB Faculty of Medical Sciences.

Fulbright-Hays Awards

The Committee on International Exchange of Persons had reported that applications for senior Fulbright-Hays awards for lecturing and research during 1973-74 in about 80 countries will be accepted this spring. Educators who are U.S. citizens and have doctorates or college teaching experience are invited to indicate their interest by completing a registration form available from: Senior Fulbright-Hays Program, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

Registrants will receive information in time to consider the possibilities and to apply before the closing date. July 1, 1972 is the

deadline for applying for research awards, and that is the suggested date for filing for lectureships.

The senior awards generally include a maintenance allowance in local currency to cover normal living costs while in residence abroad and round-trip travel for the grantee (transportation is not provided for dependents). For lecturers going to most non-European countries, the award includes a dollar supplement, subject to the availability of funds, or carries a stipend in dollars and foreign currency, the amount depending on the assignment, the lecturer's qualifications, salary, and other factors.

Changes in Family Status

AUB's Personnel Office has decided to issue on a continuing basis reminders to employees of their obligations to notify the Personnel Office of any change in their family status. In the past, failure on the part of AUB employees to report changes in family status was mainly due to oversight. In cases where hardship was incurred, the Personnel Office had so far agreed to collect in instalments rather than in a lump sum the overpayments made to personnel. In future, repayments due to unreported changes in family status will be the responsibility of the Comptroller who will consult with the Personnel Office where hardship is indicated. It is hoped that as a result of reminders to employees such cases of failure to report changes in family status will not arise.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of information &
Responsible editor:
Redwan Mawlawi
Editor: George Salhab

AUB in US Press

The Watertown Daily Times of New York, Easton Express of Easton Pa., and the Leader-Herald of Gloversville, New York, carried a syndicated story by Marquis Childs on the foreign aid AUB gets.

"As evidence of the influence of the University," Marquis Childs writes, "four members of the present (Lebanese Cabinet, including the Prime Minister Saeb Salam, are graduates (of AUB). At least six of the director-generalship in the bureaucracy are also out of AUB. And many other graduates are in public service posts throughout the Arab World."

"Technically, and AUB with its laboratories and advanced research has moved into the technological orbit, the influence (of AUB) is great," he writes. "Politically (the influence) is slight."

The Greensboro Daily News (Greensboro, N.C.) has carried an AP story on "Lebanon Stagecraft," in which it was said that "the advent and growth of professional stagecraft is the most unusual phase of esthetic endeavor in this metropolis where contrasting cultures meet."

Professor Suheil B. Bushrui of the English Language Department of AUB, described in the article as "a watchdog of the emerging theater movement," was quoted as saying: "We have a saying that goes, 'the beauty of a man is the tip of his tongue.' In other words, deft language is an enchantment. That is why Bernard Shaw is probably the most popular of foreign playwrights."

The Detroit Free Press published a UPI story on Maloula (Syria) where the language of Christ is still spoken.

Maloula's small community, isolated from the world except for a small mountain trail, is thought to be the only place on earth where residents speak Aramaic — the collection of Semitic languages and dialects spoken in the time of Jesus.

Syrian authorities and linguistics experts at the American University of Beirut say that Aramaic was the language Jesus spoke and that it survived here because the tiny mountain township was inaccessible until modern times.

According to Professor Kamal Saleeby, Chairman of AUB's History Department, "some things may have altered over the centuries, but the people of Maloula would be able to communicate" if Jesus were to return to earth and speak to them.

Student Council Elections March 15

The AUB Dean of Student Affairs, Robert E. Najemy, has issued a circular to students announcing that the Student Council elections for 1971-1972 will now take place on Wednesday, March 15, between 9.00 a.m. and 5.00 p.m., instead of Wednesday 8th as already scheduled. This change of date is due to the suspension of classes at the university.

Board of Faculty Student Societies

We, the undersigned Presidents of the Faculty Student Societies disapprove of riots on Campus, and condemn the use of force. Yet, we insist on freedom of expression.

We also send a word of confidence in the University and its role, and hope that students will work for the continuity of this institution.

We also announce the establishment of a Board of Presidents of the Faculty Student Societies until the elections of a student council take place on Wednesday, March 15, 1972.

- President of Arts and Sciences Society
- President of Engineering Society
- President of Agricultural Student Society
- President of Medical Student Society
- President of Public Health Society
- President of Pharmacy Student Society
- President of Nursing Student Society

Round Table Conference

Prof. Adnan Iskandar, associate professor of Political Science and Public Administration, was chairman of a round-table conference of the Institutes of Public Administration and Administrative Development in the Arab World. The conference which was held at the Bristol Hotel from Feb. 19-26, was addressed by Prime Minister Saeb Salam. It was sponsored by the Lebanese Civil Service Board and the Ford Foundation.

The aim of the conference was to evaluate public administration teaching and training programs in the Middle East, and their impact on the developing public services of the area's countries.

Representing the AUB were Prof. Mohammad Diab of the Department of economics, who presented a paper outlining the history of the Graduate Program in Development Administration, and

Prof. Iskandar, who presented a paper on the development of teaching and training programs in Public Administration in the Middle East. Prof. Iskandar emphasized the need for the further development and improvement of such programs and the need for more and better cooperation between these programs and government training institutes in the area.

He believes that the AUB was thought by delegates to be the only university in the area, apart from AUC, which has a good and reasonably sophisticated program in public administration. In his paper, Prof. Iskandar spoke of the increasing willingness of the Lebanese government to call on the services of AUB and other universities and of AUB's equally increasing willingness to cater for community needs and problems.

Humboldt Fellowships

Research fellowships are being offered by the Alexander von Humboldt Foundation, to young, academically trained and highly qualified persons of foreign nationality, regardless of sex, race, religion or ideology, to enable them to carry out research projects in the Federal Republic of Germany.

400 fellowships are annually awarded to persons holding a degree comparable to the German

doctorate (Ph.D. or its equivalent) for periods of 6-12 months which may be extended. Research fellowships (DM 1,200 net monthly) are awarded to young scholars whose previous work gives promise of outstanding future progress. Lecture scholarships (DM 1,600 net monthly) go to scholars who are already advanced in their careers and who have already published outstanding work.

Literature on the above is available at the Office of Information.

Believe it Or Not

A paltry sum of \$319,000, which apparently is not available, may be stopping AUB from filling 209 existing vacancies in its various departments. Analysis of the vacant positions reflects the following breakdown by classification:

Academic	27
Management	11
Non-Academic	98
Wages	73

These vacancies are all budgeted positions. Had funds been available they would have been filled. On the campus, they principally affect the Library and the Physical Plant. Next fiscal year, and if no funds are coming, most of these positions can no more remain vacant and may well have to be deleted.

The deficit of more than LL 500,000 which was shown in the AUB Statement of Income and Expense for 1970-1971 was mainly caused by:

- The application of the Lebanese medical insurance scheme.
- The 5% high cost of living increment.
- The inflationary trend in Lebanon and the world over.
- The substantial rise in the cost of supplies and equipment needed for the educational program.

This rapid rise in costs is not expected to abate and a rather similar deficit is forecast for this year.

The hospital alone has 126 of

these vacancies. With the mounting need for additional services within the hospital, however, it would appear to be unrealistic to believe that some of these vacancies won't be filled.

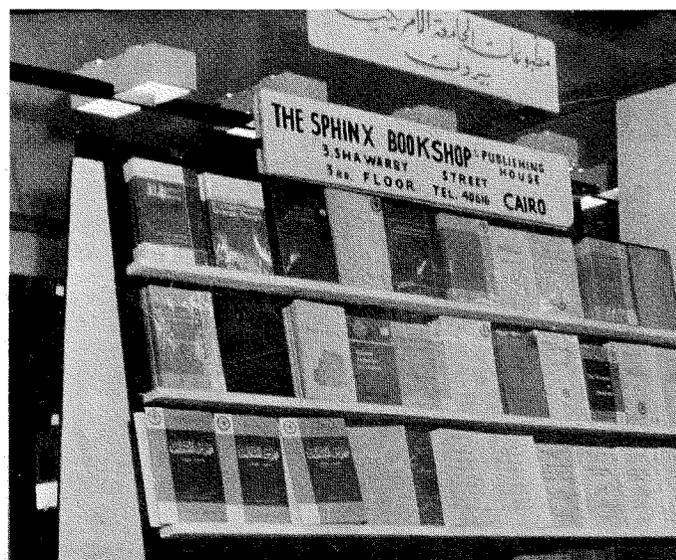
But in the case of the hospital, as in certain other cases, it is not mainly the lack of funds, but the lack of qualified nurses and personnel which is preventing AUB from filling the vacant positions. In order to find qualified nurses, AUB has resorted to a specialized agency to recruit nurses from the U.K., Europe and other places. To provide the necessary funds for recruitments, the AUB may have to tighten the belt and not hesitate to start an austerity drive if need be.

For those among us who last year did not find the 10% increase in fees palatable enough, this story of vacancies might convince them, and others, that even AUB could be in financial straits and is not, as reputed, fabulously rich.

AUB, though, IS fabulously rich in its friends who are a legion of good will and charity. One evident example which no one can miss seeing is the Women's Auxiliary in their hundreds who donate their time and energy to the hospital, tirelessly, effacedly and busily on the move in their pink costumes.

Where the AUB funds come from, in gifts and grants, is a long and moving story to be told later.

AUB Publications



AUB Publications were exhibited on a special stand at the Cairo International Book Fair held last January in the Egyptian Capital. The exhibition was arranged by Librairie du Liban.

AUB publications are distributed

internationally by two distributors: Librairie du Liban takes care of orders coming from Europe, Asia and Africa, while Syracuse University Press handles sales in North and South America as well as Australia.

Lebanon Invited to Join International Federation of Multiple Sclerosis Societies

The Lebanon was recently invited to join the International Federation of Multiple Sclerosis Societies. The invitation was extended through Dr. Fuad Sabra, professor of internal medicine (neurology) at AUH, by Mrs. Charles Black, member of the Federation's executive committee, when she recently visited AUB.

Mrs. Black (probably better known as the American film actress, Shirley Temple) has long been personally concerned with research being done in combating Multiple Sclerosis. Since her brother is a victim of this little understood disease, Mrs. Black continuously investigates the progress being made in research on it wherever she goes. According to Mrs. Black, although the Middle East has few programs for the rehabilitation of people who are suffering from the disease, there is a sufficient number of cases in this area to warrant a National Multiple Sclerosis Foundation in Lebanon.

"The Lebanon has been invited to join the Federation because of the AUH facilities for research, teaching, dissemination of know-

ledge, and excellent care provided for its patients," declared Dr. Sabra, who also represents the World Federation of Neurology.

So far, the International Federation of Multiple Sclerosis Societies consists of 18 members. "If the Lebanon's membership is approved, as I expect it to be," Dr. Sabra said, "we will be the 19th member."

"AUH annually admits at least 30-40 patients with this disease for diagnosis and therapy. Multiple Sclerosis is one of the most common chronic neurologic diseases," explained Dr. Sabra. Commonly referred to simply as MS, the disease is characterized by attacks and remissions extending over a period of many years. Its pathology involves the breakdown of Myelin, the fatty substance which surrounds the nerve tracts in the brain and the spinal cord.

There are indications that the initial injury in MS is an infectious process, perhaps due to a virus. This sometimes fatal disease causes a disturbance of vision and speech, trembling of the hands, and disturbance of tactual (touch) perception. There may

also be paralysis and emotional disturbances, and in many cases the patient is bed-ridden and requires rehabilitation.

Unfortunately, the disease most frequently strikes the young, those between the ages of 20 and 40, the most productive years of life.

Although extensive research is being carried out throughout the world, there is yet no cure, vaccination, or specific treatment for this "chronically progressive disease." In MS experimentally produced in animals, it has been shown that there are drugs, like cyclophosphamide, which arrest the progress of the sickness.

Many neurologists at AUH are involved in their own clinical research on MS. For example, Dr. Mohammed Ibrahim of the department of human morphology is doing research on the breakdown of Myelin. By attempting to analyse this breakdown, perhaps a way of arresting this process will be found which might be applicable to treating MS.

The hospital also maintains contact with its discharged Multiple Sclerosis patients, either through clinics or through the outpatient



department. These patients keep up their therapy at home and periodically come to AUH for physiotherapy.

The purpose of the Federation, as Mrs. Black explained it, is to stimulate and encourage scientific research on MS and related disorders, to collect and disseminate scientific and educational information relating to the disease, and to assist in developing voluntary Multiple Sclerosis organizations where there are none in existence.

"Unfortunately, Lebanon does not yet have such an organization," Dr. Sabra said. "Our membership in the Federation will be a first step. More and more people are coming to realize our dire need for such organizations here."

Press Comments on Campus Events

AUB's incidents of Wednesday, March 1st, and the University's decision to suspend classes were a steady source of news to the local press.

"Battle" of the School of Engineering

One paper, *An-Nabab*, said AUB went through a gory test and described the clash as the most violent in AUB since three years. A short comment condemned the unfortunate incident in these words:

More than one group at the AUB consider that violence is the law.

We do not believe that the University, by the will of some of its students, has become a jungle.

We do not believe that this has happened at the AUB whose student proudly tell students of other universities, that they (AUB students) deeply believe in right, freedom and democracy.

It is regrettable to see these same AUB students tread on the

The AUB incident of March 1st and its repercussions were last week the subject of lengthy press comments. Papers with conflicting views were unanimously adamant in condemning student violence. The Bulletin is reproducing herebelow excerpts from these comments.

values they believe in, and beat up these values with chairs, fists and iron rods.

It is a shame.

This same paper reported the next day that students who fought one another at the "battle of the School of Engineering" were seen together two days later cracking jokes.

The Ides of March

In a two-page article, the influential weekly *Al-Hawadess* said AUB was facing an "eighth of March" movement. It wonders if the Senate will eventually succeed in having a student council elected or if the campus situation will explode in fresh violence.

Wise Counsel

To the *Daily Star* editorialist,

AUB students can be rightist or leftist (in fact AUB has produced a Fadel Jamali and a George Habbash) monotheist, polytheist or atheist, but first and foremost they must study. This paper points out that it will do them good to remember that education is expensive, even prohibitive, these days.

This paper went on to remark that the warring students were probably the same students who last year demonstrated against a 10% increase in tuition fees, and must have overlooked the simple principle of economics — that to replace damaged property will increase the cost of running AUB and will, sooner or later, affect the very tuition fees which they have been striving to reduce.

Participation

In a two page article *Al-*

Jambour weekly speaks of the Student Council and the new Constitution in these terms:

Perhaps the declaration made by President Kirkwood reveals the extent of the response of the AUB Administration to the demands of students. In itself, the announcement of the constitution is but a preliminary step.

The University Senate has actually started to debate the main demand for student participation in university affairs. The Senate's debate is based on a study made by the joint ad hoc committee set up after last year's May-June strike.

The new constitution asserts that more student participation will uphold education at the University.

The contents of this Constitution have been largely accepted by the student body despite the objection of a student group to a number of points.

The constitution can be considered as a successful step on the part of the Administration and of President Kirkwood.

American University of Beirut

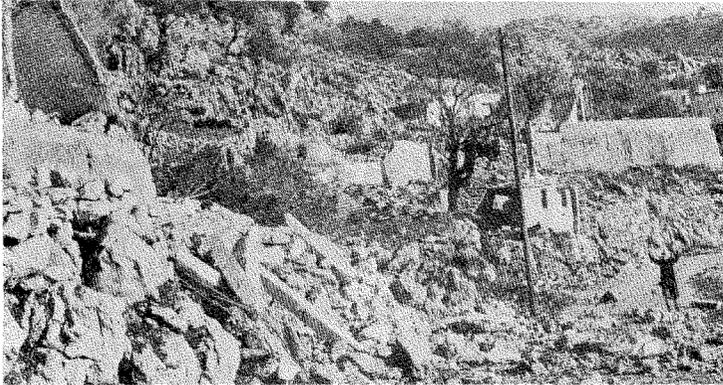
bulletin

VOLUME XV, No. 19

16 THURSDAY, MARCH, 1972

AUB Students On Rehabilitation Project For South Lebanon

The recent Israeli aggression on villages in South Lebanon which resulted in the destruction of many houses has absorbed the intense attention of the public and of student circles in particular. Naturally, the subsequent misery of the



afflicted villagers left its painful effect on students of the American University of Beirut whose first reaction was to call for and participate in demonstrations and to have a free exchange of views at their Speakers' Corner on the campus.

The initial vexation of our students, however, quickly gave way to a feeling of measured wrath which they translated into a constructive and practical activity worthy of admiration. One group first, then other groups, immediately and quietly pooled their resources, bought foodstuffs and medicaments and went to distribute them among the inhabitants of the distressed villages. The press learned of their activity and for a week published pictures of "AUB students" among villagers and news of their visits. No other university students were reported to have visited the South. But this is not all.

Last week, the Bulletin got wind of a new and exciting government reconstruction project for the South which would require, among others, the services of the AUB School of Engineering and Architecture. On hearing this news we naturally sought an interview with Dean Raymond S. Ghosn.

On Thursday, March 2, the Minister of Public Works, Mr. Ka-

mal Khouri, invited Dean Ghosn to a meeting which was also attended by Dr. Nazih Talib of the "Talib Dar el-Handassa," (Talib Engineering Firm) Mr. Tony Khouri and Mr. Fritz Ragette (who wrote a thesis on the "Le-

banese House" for his doctorate from Vienna). Both Mr. Khouri and Mr. Ragette are members of the Faculty of the AUB School of Engineering and Architecture.

The Minister began by explaining that the government wanted reconstruction work to start immediately in four villages in the Arkoub area, in the South — Kfarshuba, Freidis, Habbariyeh and Rashaya al-Fukhar.

After a discussion of the details which would involve the services of both students and Professors of the AUB School of Engineering and Architecture, Dean Ghosn agreed at once to lend all possible assistance to the government project.

Dean Ghosn has found that only the Architecture class of 1974 is in a position, as far as academic training is concerned, to devote a few weeks for architectural design work and study for the project. "Since there is reconstruction and we can assist in urban planning and improvement, we are happy to take this opportunity and help the villages," Dean Ghosn explained.

The class of '74 and their professors will be making a site survey of reconstruction conditions and of possibilities for improvement. They will produce an urban plan or a master plan for

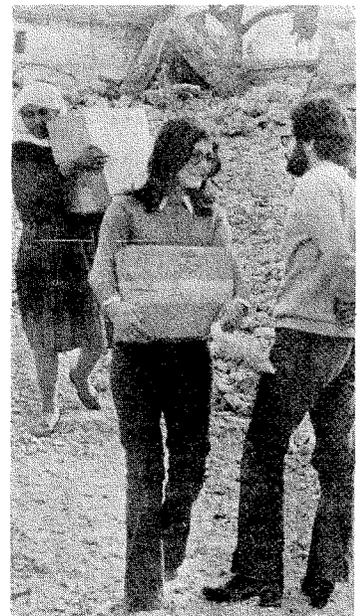
each of the 4 villages, and probably one or two prototypes of houses as a basis for the government reconstruction project. They will start with the village of Freidis.

When their preliminary investigation, and study and planning is over, the "Talib Dar el-Handassa" will take on and produce the complete working plans for rehabilitation and for improvements in services such as sewerage, water supplies and electricity.

The 12 students (10 boys and 2 girls) of class '74 will be accompanied by their instructors — Professors George Contavelis, Tony Khouri and Fritz Ragette. After obtaining the basic information, maps and the like, from the government, their work should take one month of study. The rest of the work by the "Talib Dar el-Handassa" will probably take six months.

All work related to this reconstruction project will be coordinated through Mr. Mitri Nambur, the Director General of Urbanism in the Lebanon.

On Sunday, March 5, a group of class '74 students went with a professor to survey the villages where they spent the day thoroughly studying the physical, social and economic conditions and other factors involved in the picture. They will have to make a few more trips to complete their survey and understanding of the work which will be carried out at their School.



Needless to say that apart from incidental expenses for transport, film development and the like, the School of Engineering and Architecture will not charge the government for the part of the work which the students and professors will be doing.

Dean Ghosn concluded by describing with evident and proud satisfaction the enthusiasm and feeling of the students for their coming work, both because of the urgency and people.



Coming Events

TUESDAY, March 14, 10
SUNDAY, March 19

"The Beaux Stratagem" (Play in English Presented by A.R.T.) West Hall — Auditorium (MATINEE Saturday, March 18, at 3:30 p.m.). Tickets: L.L. 10, 7, 5 and 3), 8:30 p.m.

THURSDAY, March 16

Violin and Piano Recital by Ricardo Odnoposoff and Heinz Medjimorec. Assembly Hall — A.U.B. Tickets: L.L. 20, 15 and 10. 8:30 p.m.

SATURDAY, March 18

Jazz and Folklore Concert (Sami Clark) Assembly Hall — A.U.B. Tickets: L.L. 5 and 3. 3:00 p.m.

SUNDAY, March 19

Piano Concert by Students of S. Aharonian. Assembly Hall — A.U.B. By Invitations. 5:00 p.m.

Tutors Required For Evening Classes

The Division of Extension and Special Programs is seeking competent instructors and coordinators for 1972-73 evening courses in the following fields:

Creative Writing
The Study of the Future
Modern China
Executive Secretarial Studies
Leadership
Business Correspondence
Beginning English
Simultaneous Translation
Modern Lebanon
Business Economics
Small Business Management

Interested members of the AUB faculty are invited to submit a brief curriculum vitae to the Division of Extension and Special Programs. Applications are also welcomed from qualified members of the off-campus professional and business community. For further information, please call Ext. 2204. Faculty members with suggestions for evening courses, special programs, and extension activities are invited to discuss them with Dr. Louis P. Cajoleas.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

Book By AUB Professor

Dr. Kamal Khuri, Minister of Public Works, received last week Professor Kanaan A. Kano, of AUB who presented him with a copy of his book *Physical and Solid State Electronics*, published this year by the Addison-Wesley Co., a leading publishing house in the United States. Professor Kano was also received by the Minister of Information for the same purpose. Dean Raymond S. Ghosn of the School of Engineering and Architecture accompanied Prof. Kano on both visits.

Professor Kano, professor of electrical engineering and chairman of the Department of Electrical Engineering at AUB, says his book is intended to be used as a text book at both the undergraduate and graduate levels by students majoring in electrical engineering. He hopes his book will be adopted

by many universities throughout the world.

The book evolved from the active interest of the author in this field and from his experience in teaching for many years a course in electronic devices to final year Electrical Engineering students at AUB. The author's aim is to explain thoroughly, yet concisely, the basic principles of operation of a wide range of electronic devices, such as vacuum tubes (radio tubes), transistors, integrated circuits and lasers, including the most modern developments in this field. Electronic devices are the hallmark of modern technology. They are at the heart of all electronic equipment and systems from the tiny hearing aid to complex computing and communicating systems that land men on the moon and bring them back safely to earth.



Right to left Dr. Kamal Khuri, Professor Kano and Dean Ghosn.

Grant From Volkswagen Foundation

The Plant Pathology Department of the Faculty of Agricultural Sciences of AUB has received a \$12,000 grant from the Volkswagen Foundation, Hannover, Germany. The grant will be used by the Department for research in the treatment of cotton and sugarbeet diseases in the Middle East. The grant also provides for two German Plant Pathologists working in the Middle East to use research facilities in the Faculty of Agricultural Sciences.

The grant is part of a joint program between the Department of Plant Pathology, University of Bonn, Germany, and AUB's Faculty of Agricultural Sciences for promoting plant pathology research,

Easter Musicale

The Fine and Performing Arts Department will present its Twenty-Third Annual Easter Musicale on Palm Sunday, March 26, 1972 at 5:30 p.m. sharp in Assembly Hall. The University Choir and soloists with orchestra and organ conducted by Prof. S. Arnita will present *The Last Seven Words* by T. Dubois and works by Pergolesi, S. Barber, and S. Arnita.

The Opening Words will be delivered by President Samuel B. Kirkwood and the entire performance will be broadcast by the Lebanese Broadcasting System.

Entrance is by invitation tickets which are available at West Hall office on the following days:

For Faculty, Staff and Community: Thursday, March 23.

For Student Body: Friday, March 24.

Minister of Education :

AUB of

Immense Service To Generations

In a declaration released by the Government National News Agency and reported in *An-Nabar* of March 12 and in other papers, the Minister of Education, Dr. Najib Abu-Haidar, has warmly welcomed the resumption of classes at AUB. Although the Minister's declaration came 4 days after the resumption of classes, *An-Nabar* said that it explained the view of the State with regard to the University.

"We welcome the resumption of classes at AUB, this institution which has been of immense service to generations in the Lebanon and the Arab World.

We are especially happy to see classes resumed in an atmosphere where a sense of responsibility prevails on the part of students, with no violence or disorder. Such an atmosphere is a prerequisite to true education which is the basis of today's civilization, and which the Lebanon and all Arabs consider as a necessary point of departure towards their aim to prepare men for the future who will establish a better and stronger society."

In a TV interview prior to the above declaration the Minister of Education had said it was regrettable to see violence erupt at AUB, or at any other university in the Lebanon or elsewhere. The Minister pointed out that it is a matter of principle to see freedom of thought and expression, on any topic, guaranteed at universities where violence must never be tolerated." Dr. Abu-Haidar added:

"Violence at any university hinders the freedom of thought and work. In every university there is a large group which does not believe in or resort to violence. This group wants to work in a free atmosphere which the university must ensure.

I do not know the reasons behind the recent violence at AUB, but I see that classes have been suspended as a result of this violence. Freedom at universities must not be maintained through police force. I said it in the past, and I say it now that we should give students freedom, but students must believe in responsible freedom. We all stand against anyone who exercises violence at universities."

AUB Lebanese Professors Urge For Charity, Companionship And Tolerance

AUB, like any other university elsewhere, cannot function and perform its constructive and educational program—the aim of which is to raise the cultural level, activate scientific research and create the good citizen—unless this function and performance is carried out in a suitable moral and material atmosphere where order and freedom prevail, away from arbitrary, violent and subversive methods.

Since its foundation in 1866

universities in the technical, scientific and material facilities it offers its community.

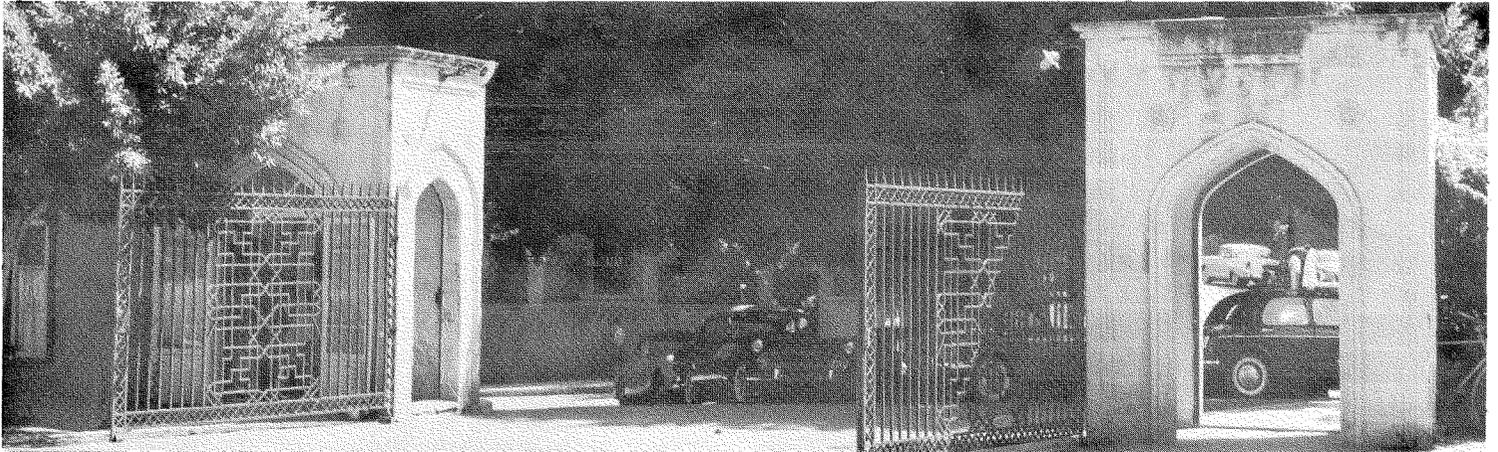
AUB students (boys and girls) this year number 4031 of which 2066 are Lebanese, and 1198 citizens of Arab countries. In other words, 81% of the AUB students are Arabs. It is worth mentioning that the fee which a student pays does not cover more than 22% of the cost. Moreover, the teaching staff is composed of 590 professors and advisors, 60% of whom

million annually. In the present difficult circumstances, AUB is confronting financial problems which are almost smothering because, for its budget, it depends to a large extent on grants and donations with no strings attached.

At this time, when AUB is trying to overcome its material difficulties by all means, we see it exposed to sharp pressures from within and without which may obstruct its constructive and reformist program, and make it face

the Arab World. They stress that an atmosphere full of charity, companionship and tolerance must inevitably be found for AUB to enable it to go on sowing the seeds of freedom and openness in the minds of upcoming generations.

They appeal, with modesty and sincerity, to all AUB students, professors, graduates and employees and to the Lebanese authorities and people to be appreciative of the critical circumstances through



Lebanese Professors: "We are proud of the achievements of this institution"

this University has been striving to offer scientific and educational teaching of the highest level. AUB produced generations of citizens who were of great services to the Lebanon and the Arab world in the fields of science, literature, medicine, politics, education and sociology. AUB has been and still is, an effective element in upholding development and civilization in this part of the world. It vies with the most advanced of uni-

versities in the technical, scientific and material facilities it offers its community. AUB employs 1758 Lebanese as workers and employees on its staff. It thus ranks third among employers after the Lebanese Government and a well-known transport company. Consequently, and besides its basic educational role, AUB plays a fundamental economic role in this community. In order to accomplish its work and fulfill its duty, AUB spends not less than LL.50

are Lebanese and 12% non Lebanese Arabs. AUB spends not less than LL.50 the danger of having to bow to irresistible forces which, if left alone, it cannot oppose and is unable to overcome.

The AUB Lebanese professors who met at West Hall on March 7, 1972, are proud of the achievements of this institution which is unique in this country. They assert their belief that its creative activity must continue unhindered. They appreciate the work which AUB is doing in the Lebanon and

which AUB is now passing. They request them all to consolidate efforts to help AUB pass through this difficult stage of its history, and keep it beyond the effects of local and international disputes as the university has nothing to do with such disputes, so that it can go on with its program and proceed towards the noble aims for which it was founded and for the sake of which it must continue and prosper.

46 SC Candidates For Seats. 4 Elected Unopposed.

Before going to press, the Bulletin had to be satisfied with the following information on the eve of ELECTIONS DAY.

The date for the withdrawal of nominations to the Student Council elections ended on Tuesday, March 14th, at 12:00 noon. Monday, March 13th at 12:00 noon was the last date for nominations to be accepted.

The Dean of Students Mr. Robert Najemy announced on Tuesday that 20 students had withdrawn their nominations. The candidacy of two students had to be refused because they were late in submitting their nomination.

3 candidates (Riad Ashkar, Mahir Masri and Leila Shehid) of the graduates of Arts and Sciences and another candidate of the School of Medicine (Hassan Sherif) were elected unopposed.

A second seat for the School of Medicine remained vacant because the sole candidate for this seat was late in submitting his nomination.

Names of the 46 candidates who were to compete for the remaining 17 seats.

FACULTY OF ARTS AND SCIENCES

Arts (5 seats)

Ali Assaf, Rabi Assir, Muham-

mad Dajani, George Ghusayn, Muhammad Nabil Halawi, Hovhanness Keoylian, Mohammad Matar, Shadi Rifai, Nabil Sawabini, Abbud Shammass, Nazih Tabbarah, Ghassan Uwayjan, Adel Zantut.

Sciences (4 seats)

Carlo Abu Murad, Nabil Atweh, Leila Fakhru, Antoine Faris Farhud, Zakharia Hallit, Tarik Hunaynah, Imad Kaddurah, Adnan Kaysi, Raja Kurtas, Marwan Masri, Marwan Munayminah, Munjid Musallam, George Rasi, Firyal Sutaytiyyah.

FACULTY OF AGRICULTURAL SCIENCES

Undergraduates (1 seat)

Salam Abi-Samra, Maher Jubayli, Ibrahim Khalil.

Graduates (2 seats)

Zulfiqar Ali Chowdhary, Ali Hammad, Raja Murakkadah.

FACULTY OF ENGINEERING (3 seats)

Nadim Dauk, Fadi N. Haddad, Abdul Ghani Hilbawi, Fawwaz Jalaluddin, Samir Mou'ushi, Sinan Sinanian, Fadi Takiyuddin, Usamah Turk.

Architecture (1 seat)

Samir Hannush, Mutaz Sawaf, Hassan Turk.

Engineering Graduates (1 seat)

Gabriel Gharzouzi, Basim Sa-yegh.

Students on TV Comment on Recent Violence



To the right of Adil Malik: Ramzi Slim, Yusra Beyhum, Raja Khoury, Suhad Khansa

In a TV interview last week, 4 AUB students (2 girls and 2 boys) spoke of freedom as a necessity to all at the university, and they condemned violence. The four students, who were interviewed by the well-known Adil Malik of Canal 11, represented several views of the student body.

Miss Yusra Beyhum thought President Kirkwood's statement of March 7 was necessary and im-

portant. An educational institution like AUB cannot function if its regulations and rules are violated. To Miss Beyhum, who believes in debate and dialogue, violence is shocking. She is critical of the AUB administration and believes it is neglecting to take preventive action.

Raja Khoury, who spoke of the conflicting views of students, also wanted the problems arising from

differing views to be settled through debate, not through violence. He holds that only democratic freedoms will enable the university to proceed with its educational program. Khoury asked for more freedom at the university.

Miss Suhad Khansa believes that a series of past incidents led to the recent violence on campus. She thought that henceforth there

should be no justification for violence or strikes at the University.

Ramzi Slim attributed the recent violence to external events and thought AUB students should not be involved in such events. He argued that the AUB atmosphere must be calm to enable students to study. He also thinks university students must believe in dialogue and must not resort to violence.

AUB In The Local Press

The press of the past week had more comments on AUB. Here are a few samples.

Opinion-makers Speak

● Nabil Khouri, one of the two chief editors of the influential *Al-Hawass* had the following to say in his weekly column:

I tried hard to understand the relation between the "Israeli" aggression on the South and the "student" aggression on the building of the School of Engineering and Architecture of the American University in Beirut, but I could not!

Nobody is against a student strike or student demonstrations which repudiate "weakness" or support an "idea", but everybody will stand against the students when such demonstrations are transformed into an operation of destruction, attacks on buildings and hurling chairs out of windows.

To speak candidly, I, as a citizen and a father, would not like to see AUB closing down and moving from Beirut to Tehran or Cyprus (Cyprus recently offered a very large piece of land to the University to induce it to move there), because I believe in the importance of the existence of AUB here in Lebanon. I also recognize how much the thousands of AUB graduates all over the Arab World owe this institution.

I believe that actions which

could force the University to close down are part of a conspiracy not only against Lebanon but against the whole Arab World. Such conspiratorial activities must be confronted with determination.

● *Al-Jareeda* thought the AUB Lebanese Students, more than anybody else, felt concerned about AUB and its problems.

AUB, which lives on external aid, may be exposed to lose this aid if it (AUB) loses its stability. This means that stability is indispensable to AUB's existence, not only as an educational institution which is different from others, but also as an economic institution which contributes towards the prosperity of the Lebanese economy and, indirectly, towards this economy's political equilibrium.

Consequently, any troublesome student move at AUB will be a deliberate destructive act which must be opposed by everyone who wants the Lebanon to exist and be stable. All silence in this case will be a contribution towards a plot against the Lebanon itself, not only against AUB.

By inviting the Lebanon's students to be responsible for their behaviour in their protests and demonstrations, we invite them to be more mature and more receptive to benefit of what they can obtain in a university atmosphere where a sense of responsibility prevails.

... and Professors too

● The statement (see p. 3 of this Bulletin) released by the AUB Lebanese professors was reported in full in almost all papers. In a foreword, *An-Nabar* which described the statement as profoundly written, said the professors stressed that nothing could justify violence. This step on the part of professors is considered necessary, as it is well understood that the administration of the private, and free and independent, university is exercised through the cooperation of three groups: the students, the professors and the Presidency (or Presidential Council).

The statement followed the points outlined by President Kirkwood in his talk to the professors. President Kirkwood hinted that the existence of the University was in danger as a result of the repeated acts of violence on the campus, and because the majority did not respect the rights of the minority.

● *L'Orient - Le Jour* described the statement with these favourable terms:

AUB Lebanese professors have released a statement in which they emphasize that the university, like all other universities in the world, cannot continue its educational mission unless freedoms are respected and methods of violence repudiated. The statement pays vibrant tribute to the work done by AUB.

Doors were quietly opened and students hastened in.

Classes were resumed in a calm atmosphere, *L'Orient-Le Jour* reported. The traces of clashes of the week before—pieces of wood and glass, smashed chairs and abandoned fire extinguishers—had disappeared, and the broken window panes of Bechtel building were replaced. In the alleys of the campus no groups of students in hot discussion—the trade-mark of a tense atmosphere—were in sight.

An-Nabar headlined its report: Doors were quietly opened and students hastened to the campus.

To this paper, however, the "calm" atmosphere was hiding an anxiety among the professors who were addressed by President Kirkwood the day before. The University is perplexed. It is unable to stop clashes on the campus. Moreover, the Lebanese government has reservations with regard to intervening in disputes within the University, even if students are wounded. On the other hand, the students themselves—rightists and leftists—have not shown that they will stop resorting to violence whenever the (political) situation is disturbed.

Professors of the university say that its future depends on the behaviour of students and on their sense of responsibility. These professors believe that the university must cooperate with the students and with the authorities to maintain the exercise of democratic freedoms away from violence and coercion.

American University of Beirut bulletin

VOLUME XV, No. 20

THURSDAY, MARCH 23, 1972



4 AUBites Hold 6 Cabinet Portfolios

By a Cabinet reshuffle decree Dr. Salah Salman was last week appointed Minister of Health. The decree also gave Dr. Kamal Khoury the interim portfolio of Planning in addition to his present Cabinet post as Minister of Public Works.

So far three AUB professors - Dr. Najib Abu Haidar, Prof. Kamal Khuri and Dr. Salah Salman - are on the Cabinet, together with Dr. Elias Saba who holds the portfolios of Defense and Finance and is a graduate of AUB.

In a declaration the new Minister thanked the President of the Republic and the Prime Minister for their trust in him, adding that his love for the Lebanon and loyalty to the regime make him feel optimistic about his coming government work.

Dr. Salah D. Salman, assistant professor of Otorhinolaryngology at the AUH, graduated from the AUB School of Medicine in 1961. He then went on to specialize at Johns Hopkins Hospital in the USA. He has been awarded both the Penrose award and that of the American Board of Otolaryngology.

Dr. Salman was President of the AUB Medical Students' Society, and Secretary-Treasurer of the Alpha Omega Alpha Honorary Medical Society. He was the first to introduce international workcamps to Lebanon, and was President of the Social Workers Union in Beirut. Dr. Salman is also a fellow of the American Academy of Ophthalmology and Otolaryngology.

Dr. Salman, who is married to the former Widad Asad Najjar, is the son of the late Dr. Daoud Salman and of Mrs. Zahia Salman.

Prof Sherman - Award of University of Minnesota



l. to r. Professor Sherman, President Malcolm Moos, President Kirkwood, Dean Swenson.

Prof. George D. Sherman, chairman of the Department of Soils and Irrigation and professor of Soils in the Faculty of Agricultural Sciences, last week was presented with the University of Minnesota Award for Outstanding Achievement in recognition of his distinguished work over the last thirty years.

The Award from the University of Minnesota Alumni Association and the Board of Regents of the University of Minnesota, was presented by President Malcolm Moos of the University of Minnesota on Saturday, March 18, in the Faculty Room of Marquand House. President Moos had made a special stop in Beirut while en route to Southeast Asia from Minnesota to make the presentation.

President Samuel B. Kirkwood, in a brief speech, said it was a privilege to honor a distinguished Faculty member and described the occasion as one of much honor and pride to AUB.

President Malcolm Moos, who was accompanied by Mrs. Moos and their daughter Tracy, expressed his thanks for the warm welcome and went on to deliver a brilliant and lively speech which charmed his audience.

President Moos described the twin goals of a university as teaching and research. With a sharp wit and in succinct narratives, he commented on academic life and the bewildering array of student incidents.

President Moos had much to say on the subject of problems facing universities. Universities are hard-pressed financially and in an in-

creasingly difficult position, he noted, but he sounded confident in saying such difficulties would be overcome.

He said it was now taking a university two years to get a Dean, as no one wanted to face the headaches of students and of Faculty members going on leave.

President Moos had high praise for the cosmopolitan mixture of AUB and for its work.

Returning to the subject of deficits facing universities, President Moos said: «We are going to turn inward, to be able to keep the climate of freedom open.» He thanked all Faculty members for their affectionate and dedicated care for teaching, and asked for an orchestrated effort to get good students and a good faculty.

President Moos concluded by reading the citation of the Award and asked Mrs. George D. Sherman to pin the Award medal on Professor Sherman's lapel.

In his acceptance speech, Professor George D. Sherman spoke highly of AUB and said he appreciated the honor and thanked the University and people of Minnesota who made his training possible and gave him the chance to be of service to society.

Prof. Stanley Swenson, Dean of the Faculty of Agricultural Sciences, who is also an alumnus of the University of Minnesota, and who handled the arrangements for the presentation, concluded the ceremony by congratulating Prof. Sherman and thanking President Malcolm Moos.

An interview with Dr. Sherman will appear later.

AUB Budgets Predict Deficits

Dr. Samuel B. Kirkwood President of the American University of Beirut reported to the University Senate last week on discussions recently concluded with the Board of Trustees meeting in New York. Financial planning for the academic program was the major item considered. The recent clashes on the AUB campus were also reported to the full Board.

Details of the 1972-73 budget and the 1973-74 budget were presented by President Kirkwood. In spite of economy measures which have restricted spending and the employment of personnel at AUB since January 1st 1971, future budgets predict deficits. «The lack of funds and the implications for the AUB academic program are serious,» said President Kirkwood. The president indicated he will be discussing with Deans and Faculty possible revision of the program within feasible financial boundaries in preparation for the Board of Trustees meeting in early July. At that time Middle East Trustees and Trustees from the United States will meet on the AUB campus.

The Board of Trustees also reviewed plans for AUB's Second Century Fund Campaign and accepted the report of the special admissions committee which provides for the expansion of AUB's enrollment by 350 students.

Coming Events

THURSDAY, March 23, to

SUNDAY, March 26

— "Prova" (A Play in Arabic)
West Hall — Auditorium.
Tickets: LL. 10, 5 and 2.
8:30 p.m.

MONDAY, March 27

— Concert — American Folk
Songs by James Durst. West
Hall — Auditorium "B". En-
trance Free. 7:00 p.m.
— Lecture by J. M. Munro
"Arnold Bennett and the Ed-
wardian Mind." West Hall
— Lecture Room. 8:00 p.m.

MONDAY, March 27

— J.M.L. — Guitar Concert
by Alexandre Lagoya. As-
sembly Hall — AUB. Tic-
kets: LL. 25, 20, 15 and 10.
8:30 p.m.

WEDNESDAY, March 29

— Play — "Everyman" (Open
Air). Near the Chapel. All
Are Invited. 5:00 p.m.

The AUB School of Nursing invites university, college and secondary school students to an open House in Auditorium B, West Hall, AUB, on March 23 (3-5 p.m.) and March 25 (10-12 noon) and a panel presentation by students in the BSN (Bachelor of Science in Nursing) program.

The panel presentation will answer questions like: What is the BSN program and what preparation does it require? How can a student with a Baccalaureate in philosophy join a Science program? How can a French educated student prepare for admission? Are there any financial facilities—scholarship, loan, work? What nursing position can a student obtain after a BSN degree? What opportunities are there for specialization (master's) or graduate study (doctoral)?

There will be a tour of the campus and of part of the AUB Hospital.

Parking for cars and buses will be available inside the Medical Gate, AUB campus.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

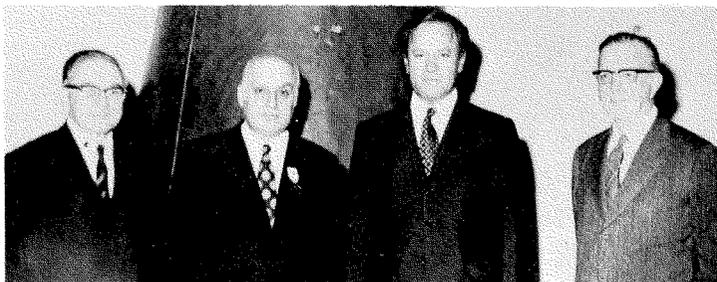
Editor: George Salhab.



At the AUH Women's Auxiliary Card Party: Mrs. Monica Barnard receiving her door prize of a ticket to Athens on MEA from Mrs. Kamal Khoury, President. Mrs. Yvonne Menassah,

Mrs. Loraine Monnier and Mrs. Leila Ilyah, in the background, were on the organizing committee of this very successful event which raised over L.L. 3,000 for needy patients in the AUB Hospital.

Order of Education For Mr. Emile Rubeiz



l. to r. Vice President Hakim, Mr. Emile Rubeiz, H.E. Dr. Abu Haidar, President Kirkwood.

His Excellency the Minister of Education Dr. Najib Abu Haidar decorated Mr. Emile Rubeiz with the Medal of the Order of Education at a reception in the Faculty Lounge last week, attended by President Samuel B. Kirkwood.

Vice President George Hakim thanked the Minister and said His Excellency was always welcome «whether he carried medals in his pockets or not».

Dr. Abu Haidar, who referred

to Mr. Emile Rubeiz as a solid citizen, said such citizens were the foundation of the Lebanon.

Mr. Emile Rubeiz spoke of his long association with AUB. He said he considered the Medal as a «symbol of the wonderful and unique opportunities which AUB offers to those who avail themselves of its services.» Mr. Rubeiz thanked Dr. Abu Haidar and requested that his sincere thanks be conveyed to His Excellency the President of the Republic.

AUB Professor Lectures in Munich

Dr. Essam Nasser, Professor of Electrical Engineering, AUB, was invited by Verband Deutscher Elektrotechniker (VDE) to deliver a review lecture on "Contamination Flashover of Outdoor Insulation" at the first International Symposium on High Voltage Technology which was held in Munich, 9-14 March 1972. The aim of the symposium was to pre-

sent the most modern topics in this field from a theoretical, experimental and practical point of view. About 93 papers from some 18 countries were presented at the symposium. Prof. Nasser has received invitations to deliver the same lecture at universities in Copenhagen, London, and Bucharest some time in the future.

Course in Cardiovascular Nursing

The School of Nursing has recently set up a course in cardiovascular nursing which is designed to provide an opportunity for instructors to increase their knowledge in the pathology and physiology of heart disease, and add to their ability in applying nursing interventions, and in the utilization of newer methods in teaching. The course, will be taught through the joint efforts of members of the schools of nurs-

ing, medicine, pharmacy, and public health.

This two-week course, beginning June 26, will include a review of normal anatomy and physiology of the cardiovascular system, pathophysiology, nursing and medical intervention. Throughout the course, prevention of heart disease will be emphasized.

Additional information concerning the course may be acquired through the School of Nursing

Our Notice Board

Under the provisions of Article 22 of Law No. 5 issued on February 1, 1972, and published in the Official Gazette No. 11 dated February 7, 1972, all fines due for the late payment of taxes and dues, including municipal taxes, have been waived on all such taxes paid before April 30, 1972.

This article further waives the fines due from income tax payers who have not as yet been assessed if they submit their returns within a period of two months from the date of publication of the law in the Official Gazette, provided they pay the tax due within the period stated above i.e., prior to April 7, 1972.

Effective March 15, 1972 AUH staff and employees will be provided a clinic on the fourth floor, Phase I, Surgery Private Clinic area. Dr. Nabil Nassar will have clinic hours from 9:00 a.m. to 11:00 a.m. Monday through Friday.

Outside of these hours emergencies will be accepted in the Emergency Room. After 11:00 a.m. non-emergencies will be treated as they are at present; appointment to the University Health Service.

This clinic is only for Hospital staff and employees. No dependents will be accepted. Please do not attempt to abuse this privilege.

Librairie du Liban is currently printing Dr. Albert Mutlak's "Dictionary of Fishing Terms off the Coast of Lebanon — A philological and Historical Study."

Dr. Mutlak, of the AUB Department of Arabic and NEL, has been engaged by the University of Georgetown, Washington, D.C., as a Visiting Assistant Professor, to begin his work in Sept. this year.

Irene Soltau Died

We learn with deep regret that Irene Soltau, widow of Professor Roger Soltau, died on February 23 in Hastings, England. Word came to Mrs. Bayard Dodge from the Soltaus' only daughter, Mrs. R. deWitt of 8 Marlborough Buildings, Somerset, Bath, England.

The late Roger Soltau was professor of Political Sciences at the University for many years, between the two World Wars, and both he and his wife had many friends in Beirut.

AUB In The Local Press

Last week, AUB again had a good press. Lengthy and detailed reports — mostly on the students electoral activity — were objective and appeared in all major papers.

On the morning of Elections Day, headlines read:

Struggle at AUB between those who support the Student Council Constitution and those who call for a National Union of Students (An-Nahar).

War of statements at AUB precedes today's Student Council elections (Al-Anwar).

Heavy turnout expected at AUB elections (The Daily Star).

46 students compete for 17 seats — 4 Students elected unopposed (in several papers).

Leading papers also published interviews with students representing the various trends.

Fath and its fellow-followers admit that the new Constitution is

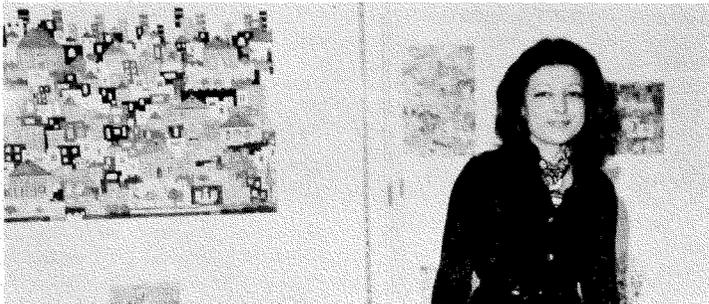
not perfect and promise to have it amended.

Other groupings who boycotted the elections — PRFLP, League of Progressist Students, Student Organization of the Arab Socialist Party, Committees for the Defense of Democratic Freedoms—proclaimed that they are for a National Union of AUB Students, and not for the Student Council.

The group of As-Sana however, said they took their boycott decision because they believe that the elections will lead to a wider split among AUB students.

In the evening, the 2 TV Canals - 11 and 7 - gave brief accounts of the calm elections, together with the names of winners.

The second day's major papers, in their entirety, gave the widest details with pictures of the elections, and even mentioned the number of votes obtained by the elected candidates.



Paintings with sense of humour.

The Department of Fine and Performing Arts has sponsored an exhibition of paintings by Suha Tugan of the Office of Development.

The opening took place on

Friday evening, March 17, from 7 - 9 at Jafet Library Art Gallery and was attended by a large gathering of friends and artists.

Prize Winners Visit Campus

"Before coming to the Lebanon, the only two things we knew about it were AUB and the Cedars," Mr. and Mrs. Mezzanotte of Trumbull, Connecticut, said. The American couple are here after having won a two-week trip to Lebanon organized through the Lebanese Council of Tourism.

"We were really impressed by both the AUB and the country," they told the Bulletin, adding: "The AUB campus is just great. We had heard back in the States that the campus here is beautiful,

but seeing it is a different thing. It is the most beautiful campus we have seen."

"Lebanon is a fantastic country. It seems to combine the old and the new. In the center of the city, the traffic rush, modern buildings and shops. Then suddenly one runs into push carts with mountains of delicious fruit. We were also told that in one day one could ski in the mountains and then, an hour or so later, one could swim in the Mediterranean. We could not believe it, until we got here," Mrs. Mezzanotte exclaimed.

Antoun Halabi Scholarship

The Antoun Halaby Memorial Scholarship was established 17 years ago for the AUB School of Pharmacy. It provides for full tuition and is awarded annually by his widow Mrs. Hind Halaby to a needy Arab student, preferably a Palestinian refugee.

Antoun Halaby graduated from

the AUB School of Pharmacy in 1913 and until his death in 1955 ran a prosperous pharmaceutical business first in Jerusalem and later in Amman.

He was a keen and prominent social worker on various religious and municipal welfare organizations.

Poet Khalil Hawi

Last week, the third evening of the Month of Arabic Poetry, organized by the Lebanese Writers Union at the hall of the Ministry of Education was animated by the poet Dr. Khalil Hawi of AUB.

In presenting the poet, Dr. Antoine Ghattas Karam, Chairman of the AUB Department of Arabic, spoke of Khalil Hawi's poetic experience — from Hawi's «The River of Ash», to his «By Flute and Wind», and his «The Threshing Floors of Hunger» — and of Hawi's fundamental qualities: renovation, intellectual vision, and conscientious suffering.

Dr. Hawi recited first a number of his recent poems — written after June 1967 — in which he addressed the earth, History, man and the gods. His verses portray his vision of man in darkness and fog, and of man's defeat, weakness, pain, loneliness and alienation.

Dr. Khalil Hawi has been invited to participate in the Festival of Poetry at Mirbad, Iraq, and also in a discussion on Modern Poetry in Bahrain.

Epidemiology of Human Reproduction

Dr. Joseph E. Azar, Professor of Infectious Diseases and Epidemiology and Chairman, Department of Epidemiology and Biostatistics, and Dr. Charles Churchill, Professor of Public Health Statistics, School of Public Health, were scheduled to attend a meeting in Geneva, Switzerland, March 20-24, 1972, to discuss the results of a collaborative research project on the epidemiology of human reproduction.

These studies, conducted jointly with Iran, Turkey, India and the Philippines, are supported by the World Health Organization and coordinated by the School of Public Health, University of North Carolina. During the forthcoming meeting plans for and design of future studies in addition to other subjects will be discussed by the participating groups.



On March 7th Mr. Halim Hourani, astronomical and meteorological observer at AUB, received a pin for twenty years of outstanding service from professor Bruin, director of the Observatory.

FAS Activities

"Job opportunities for agriculture graduates in the Middle East" will be the topic of a panel discussion sponsored by the Agriculture Colloquium of the faculty of Agricultural Sciences on Thursday, March 23, at 5 p.m. in the Agriculture Auditorium (room 102).

Moderated by Prof. Stanley Swenson, Dean of the Faculty, the panel will include Mr. Thomas Ball, Regional Training Officer, AID, American Embassy; Mr. Victor Khury, general manager of the Associate Business Consultant Company; Mr. Halim Najjar, Chairman of the Board of the Lebanese Agricultural Research Institute; and Dr. Narindar Randhawa, Regional Agricultural Economist at the UN Economic and Social Office of Beirut. An open discussion will follow to allow members of the audience to direct questions to the panelists.

A mechanization in-service training program has just been completed with the AREC (Agricultural Research Educational Center) personnel. This program was presented twice weekly by the farm mechanization staff including Professors Henderson and Bolton and Mr. Gaiser from Jan. 11 through Feb. 3, and assisted by Mr. Walid Khayrallah who acted as an interpreter.

The purpose of this year's project was to acquaint farm workers with the proper procedure for preparing equipment for winter and off season storage. Tractors, combines tillage, planting, fertilizing, hay and spray equipment were covered. In addition to the storage aspects, the course material included cleaning, checking, overhaul, and lubrication of the respective equipment.

These in-service training programs could form a basis for similar programs elsewhere.

Professor Salah Abu Shakra of the Faculty of Agricultural Sciences was elected Secretary General of the Lebanese Association for the Advancement of Science (LAAS) for the period Jan. '71 till Dec. '73. Also AUB Professors Suheil Saheb and Wadi Haddad were elected to the Executive Committee, and Professors J. Harfouche, S. Thabet, S. Jabbur, and A.H. Hallab were elected to the Advisory Committee. The LAAS was established in 1967. It has at present 170 active members, and has already held four scientific meetings in Beirut.

International Dental Conference

The third Dental Conference of the Dental Sector of the Middle East Medical Assembly, a joint activity of the International College of Dentists and AUB Dental Alumni Groups, will be held at AUB's West Hall, between April 27 and April 30, 1972.

The objectives of the Dental Sector are:

- To promote better dentistry in the area.
- To stimulate interest in the advancement of dental science.
- To encourage good relations among dentists, at the local and international levels.

The forthcoming conference of the Dental Sector will be devoted to the topic of "World Dentistry in the Seventies." Some of the lectures and discussions during the conference are scheduled to be conducted by speakers from a number of countries. Including:

Prof. Theodore Lee San Francisco — U.S.A.	Implantology.
Prof. H. Perry Northwestern University Dental School — Chicago, U.S.A.	Clinical Management of the Temporo - Mandibular Joint dysfunctions.
Prof. H. Herrmann Bonn University — West Germany	Prosthetics.
Prof. Raoul Boitel Zurich — Switzerland	Pinlay and Precision Attach- ments and Rehabilitation.
Prof. Norman Rowe London — U.K.	Oral Surgery and fractures.
Prof. W. Sawabini Burlington, Vermont — U.S.A.	Preventive Dentistry.
Prof. Rheinwald Stuttgart — West Germany	Implants.
Prof. Labib, Mosteihy, Al-Mahdi, Bissada and Abrashi Cairo University	Seminar on Occlusion.
Prof. M.A. Abdalla and El-Hadary Alexandria University	Radiology and Controversies in Crown and Bridge.
Prof. J. Esatoglu Switzerland	Implantology.
Prof. R. Pokorney U.S. Public Health Service Illinois — U.S.A.	Dental Public Health
Prof. D. Erickson Minneapolis, U.S.A.	Practice Management.
Prof. Earl Pound Los Angeles — U.S.A.	Complete Dentures.
Prof. Ahmed Uthman University of Baghdad	Ulcers of the Mouth.
Prof. Maurice Weiss Switzerland	Implantology.

Other lecturers are expected from France, Italy & England.

AUB Student Council Executive Committee

Members of the new AUB Student Council met on Monday, March 20, and elected their executive committee of the following:

Mohammad Dajani — President
Mohammad Matar — First Vice

President
Bassem Sayegh — Second Vice

President
Hassan Sharif — Treasurer
Zulfiqar Chowdhary — Secre-
tary.

AUB Student Council Elections



Voting with determination.

The AUB Student Council elections on Wednesday, March 15, were remarkable for the calm and the spirit of sportsmanship which dominated them. All through the day, from 09:00-17:00 hrs. students would walk to cast their votes at one of the 4 polling posts assigned to the various schools of the University. When voting time was over, the ballot boxes were sent to the Computer Center for counting. The turnout was 85-90% at the schools of Engineering and Agriculture, and 63% at the School of Arts and Sciences. The overall average was 75-80%.

Commenting on the elections, a number of students were unanimous in saying voting went on in complete freedom. However, while most students fully and wholeheartedly exercised their voting right, others boycotted the elections.

The Student Council Action Committee candidates said they

had opted to take part in the elections so that they could later amend the new constitution.

Members of "As-Sana"—one of the student groups which boycotted the elections—explained that they abstained because the new Constitution had not come from the student body.

Moreover, a good number of students declared that they did not vote simply because they knew no one of the candidates running for their colleges.

On the other hand, independent candidates believed the various competing trends had many points in common. "These trends emanate from students who live together and who all believe in freedom, justice and democracy," the Independents argued.

In a declaration the Dean of students, Mr. Robert Najemy highly praised the feeling of responsibility which prevailed among voters and candidates alike.

Election Results

School	Eligible			Elected
	Voters	Seats	Seats	
A & S (Arts)	1050	576	5	Mohammad Matar (256), Rabi' Asir (252), Adil Zantut (249), Mohammad Dajani (246), Shadi Rifai (243).
A & S (Sciences)	910	634	4	Adnan Kaisee (332), Raja Kurtas (328), Imad Kaddurah (324), Leila Fakhro (314).
AGR. (Graduates)	128	113	2	Ali Hammad (84), Zulfiqar Chowdhary (82).
AGR. (Under- graduates)	114	103	1	Khalil Ibrahim (41).
ENG'G. (Graduates)	65	16	1	Basim Sayegh (15).
ENG'G. (Under- graduates)	423	407	3	Samir Ma'oushi (216), Sinan Sinanian (201), Fadi Takyuddin (191).
ENG'G. (Arch.)	69	55	1	Samir Hannush (29).

Four candidates — Hassan Sharif (Medicine), Mahir Masri, Leila Shahid and Riad Ashcar (Arts

and Sciences) — had already been elected unopposed.

American University of Beirut bulletin

VOLUME XV, No. 21

THURSDAY, MARCH 30, 1972

Ford Foundation \$ 80,000 Grant

The American University of Beirut has received a grant from the Ford Foundation amounting to \$80,000 toward the development of the University program of special studies related to the population of the Arab Area. This program — Population Studies Program — has been initiated by AUB to study population conditions in a number of Arab countries.

The various colleges of the University have participated in the preparation of this program which covers the social, educational, economic, agricultural and health problems as well as other aspects of the area's population.

Special committees have been formed of representatives of the various AUB faculties to develop education, prepare studies and carry out scientific research within the framework of this program which will include Egypt, Iraq, Jordan, the Lebanon, Syria, Libya, Saudi Arabia, the Sudan, Yemen and the Arabian Gulf area.

The funds requested from the Ford Foundation involve support to the program coordinator, the development of a reader in demography, the strengthening of library facilities, as well as assistance to the research program through support of both research and

graduate assistants. These funds will enable the University to integrate and expand the various activities presently carried out into a coordinated interdisciplinary population studies program.

It is expected that the reader in demography would include, inter alia, a chapter dealing with factual data, one on demographic research carried out in the area, one on the methodology to be used for the collection and analysis of data, and a bibliography.

Specific studies are envisaged on reproductive biology; sociological surveys in family planning clinics; development of visual aids for education on family life in primary and secondary schools in Lebanon and other Arab countries; studies on the uses of paramedical personnel in methods of family planning care delivery; a study, in South Yemen, on the role of midwives in influencing beliefs and practices concerning prevention of pregnancy, induced abortion and childbirth; as well as specific studies suggested by the Faculty of Agricultural Sciences to be carried out in Lebanon and neighboring countries on population characteristics of the rural areas, on rural leaders and their role in minimizing population crisis and on youth.

Volkswagen Grant

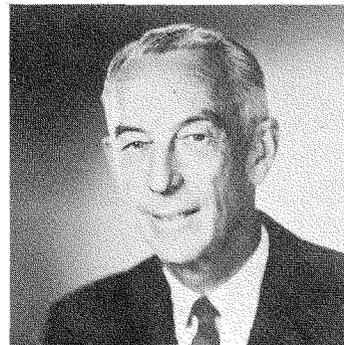
AUB has received grants from the Volkswagen Foundation for the study of diseases and pests of cotton and sugar beets in the Middle East Region. Research funds were granted both to the Institut fuer Pflanzenkrankheiten, University of Bonn and to the Plant Pathology division of the AUB Faculty of Agricultural Sciences. Work on the research project will start February 15, with Dr. Omar Mamluk from Damascus, graduate of Bonn University as one member of the research team.

The grant includes DM40,000

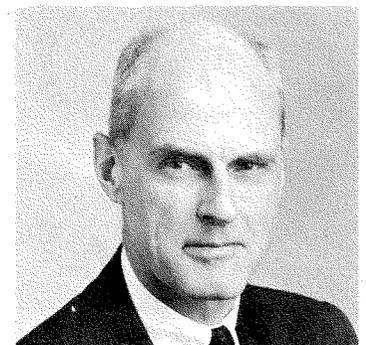
for improvement of AUB laboratory facilities in Plant Pathology including some research equipment. A second grant provides for two scientists with Ph.D. degrees for three years, a research vehicle, and funds for plant cultivation chambers to study subtropical crops at Bonn. Under the grant German scientists will use the newly installed lab facilities at AUB in Plant Pathology.

International cooperation in plant pathology is significantly strengthened by these Volkswagen Foundation grants.

Alfred H. Howell Succeeds Alfred H. Hauser on AUB Board of Trustees



Mr. Hauser



Mr. Howell

Dr. Calvin H. Plimpton, Chairman of the Board of Trustees has announced the retirement of Mr. Alfred H. Hauser, from the Board of Trustees. It was also announced by Dr. Plimpton, that Mr. Alfred H. Howell, Vice President First National City Bank, has been elected Treasurer of the Board of Trustees. Both announcements were made at the March meeting of the Board of Trustees.

Mr. Hauser has served as a Trustee of the university since 1953 and as Treasurer of the Board of Trustees since 1962.

Born in St. Paul, Minnesota, Mr. Hauser was granted a B.S. degree from Harvard in 1926. He also attended the New York University Graduate School of Business Administration.

Mr. Hauser joined Chemical Bank in 1928. In 1937 he was named Investment Trust Officer, in 1949 Vice President, in 1961 Senior Vice President. He was named Executive Vice President in 1964 and retired from the bank in 1969.

Mr. Hauser has served as a Trustee or Director of many business, financial, religious, and philanthropic organizations.

In addition to serving as Treasurer of the Board of Trustees, Mr. Hauser has taken an active role in the operations of the Executive and Investment Committees of AUB.

Mr. Hauser stated in making known his retirement that he wished to disengage himself from an active role on the Board in order to allow others to participate more fully.

Mr. Hauser resides with his wife in Short Hills, New Jersey.

Mr. Howell was born in Wyoming, Ohio, a suburb of Cincinnati, graduated from Princeton University with an A.B. in History and served in the U.S. Naval Reserve during World War II. He began his distinguished business career with the Bethlehem Shipbuilding Corporation in Quincy, Massachusetts in 1934.

In 1937 he joined First National City Bank. In 1948 he was named Assistant Trust Officer, in 1952 Assistant Vice President, and in 1957 he was elevated to the position of Vice President, a post which he continues to hold.

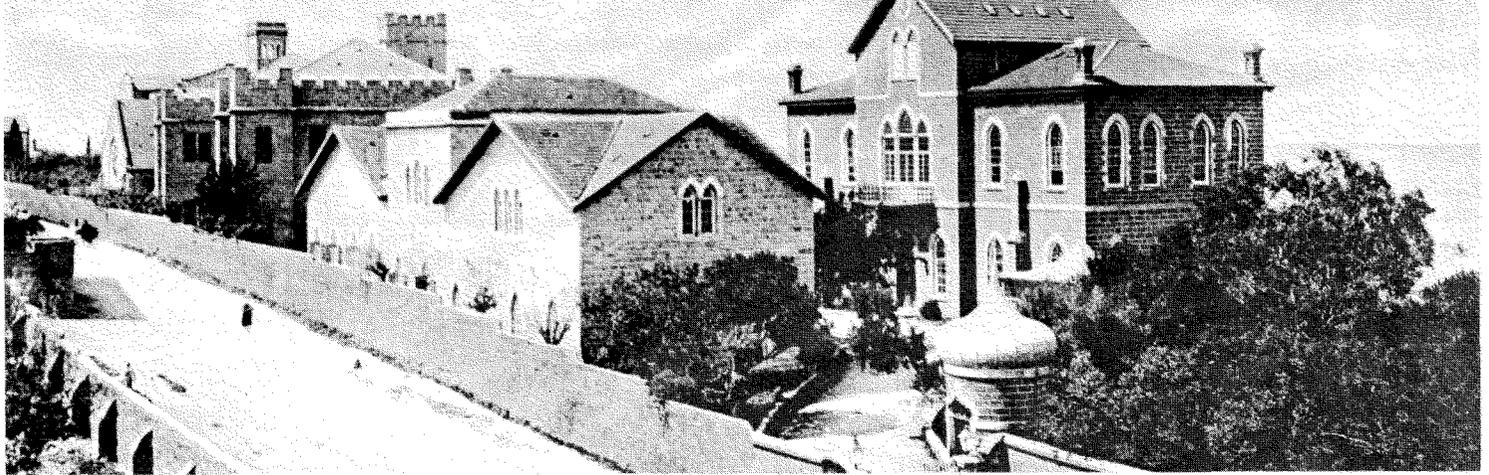
Mr. Howell's civic activities are many and varied. He has been a Trustee of the National Council of YMCA's and chairman of finance committee for National Council of YMCA's since 1966.

In addition to his work with the YMCA, Mr. Howell has served as a Trustee of many educational, civic, artistic and philanthropic organizations.

Elected a Trustee of the American University of Beirut in 1967, Mr. Howell has been an integral part of the Executive and Investment committees, serving as Chairman of the Investment Committee in 1967.

Mr. Howell is married and has three children. He resides in Riverdale, New York.

AUB's influence on the economic development of Ras-Beirut



Bliss Street of Ras-Beirut — not even the tramway, now gone, was there.

The weekly supplement of *An-Nahar* — one of the leading dailies — appeared on Sunday, March 26, as a special issue on "HAMRA" quarter in Ras-Beirut. AUB and its profound influence on Hamra is the topic of the centre-spread article which we are reproducing by courtesy of *An-Nahar*.

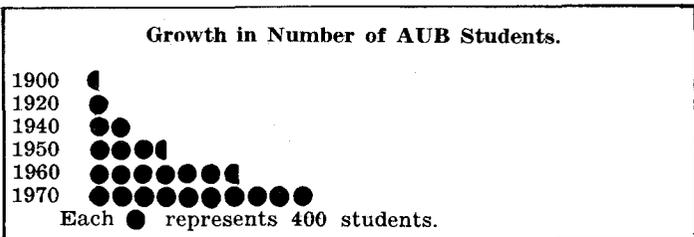
Chance must have had much to do with the prosperity of Hamra district in Ras-Beirut. What would have happened had Daniel Bliss failed in persuading the American organization, which was financing foreign missions in the past century, to purchase the then town dump, and transform it into a site for what later became to be known as the American University of Beirut, the most prominent educational institution in the Middle East?

The effect of AUB on the growth of Hamra has been paramount. Because of AUB, Hamra has attracted a large number of professionals who have given the district the cachet of a university town. 35% of Hamra's inhabitants are students, and a large proportion of its working people are somehow connected with AUB. One half of Hamra's inhabitants can be said to be directly connected with AUB, not to mention those occupied in various marginal activities and services.

The American University now occupies an area of 292,000 sq. meters, worth \$59 mn. (LL.186 mn.) The university did not own all this area when it was founded in 1866, but has been expanding with the growing number of its students. This year, AUB will be purchasing a further area of 624 sq. meters for the sum of LL.432,000 — LL.693 per sq. meter.

AUB now has 81 buildings worth LL.111.5 mn. In 1966-67 and 1970-71, it was spending annually an average of LL.14.2 mn. on construction and improvements. Thus, the University has actively contributed to the Lebanon's construction sector in general and to that of Ras-Beirut in particular. In addition to the above, AUB owns 997,000 sq. meters in the Bekaa with 22 buildings, worth LL.7.6 mn.

It appears from the above that the total capital invested in this university amounts to LL.305.1 mn. — of which LL.297.5 mn. in Ras-Beirut alone. In 1952, the total value of the university property did not exceed LL.4.5 mn.



This rapid growth in construction is due to the growing number of students and to the quality and quantity of equipment required for university education. In its first year, the University had only 16 students. In 1940, the number of students rose to 557, and reached 4,115 last year. The growing number of students has led to an increase in the number of professors, employees and workers who, this year, number 2,650. AUB is now the second largest employer in the Lebanon's private sector.

The growth in the number of students, professors and employees has been of great economic importance to Ras-Beirut, as many of them have come to live close to the university where they study or work. Businesses mushroomed nearby to cater for the various requests of persons connected with the university. Shop-owners have gradually come to live near their place of work, and many others have also followed to live in Ras-Beirut, so much so that this district, originally an area of vegetable plots and small gardens, has become an active commercial and residential quarter.

Year	Total Salaries & Wages**	Total Value of Buildings	Net Increase in Value of Buildings
1952-1953	Figures not available	4,492	1,638
1962-1963	16,788	33,981	4,592
1963-1964	19,366	40,406	6,425
1964-1965	22,029	179,686*	139,275*
1965-1966	23,973	189,793	10,112
1966-1967	26,323	210,495	20,702
1967-1968	26,978	226,958	16,463
1968-1969	30,184	242,501	15,543
1969-1970	32,341	251,921	9,420
1970-1971	34,719	260,662	8,741

* Increase due to re-evaluation of buildings.
 ** Includes wages and salaries for workers, employees and professors.

The average annual income of a Hamra family is LL. 14,700 while such an income does not exceed LL.8,800 in Beirut and is much less in other parts of the country. Undoubtedly, the high salaries of AUB have helped in raising Hamra's level of income.

A study conducted in 1969 by the AUB institute of economic studies, showed that the total expenditure of families connected with the university amounted that year to LL. 39.6 mn. A look at the University's records shows that 80% of these families reside in Ras-Beirut where they spend LL. 26.2 mn. Another review of available information shows that the average monthly expenditure of a student amounts

AUB Employees & Students spend L.L. 46 Mn. In Ras-Beirut

to LL.475: LL.105 for rent, LL.160 for meals, LL.210 for other expenses.

In 1969, AUB had 3,724 students who spent LL.17.7 mn. during the ten months of that scholastic year. A random poll showed that 68.5% of the above students were living in Ras-Beirut where they spent LL.12.12 mn. — LL.2.7 mn. on rent, and LL.4.1 mn. on meals.

To judge by the above, the expenses, in Ras-Beirut, of persons connected with AUB mounted to LL.38.32 mn. in 1969, with LL.7.5 mn. for housing alone.

AUB has spent LL.3.2 mn. on the construction of three faculty apartment buildings, with 74 apartments, where 241 persons live.

The total expenses on food by AUB students and employees amounted to LL.12.9 mn. This explains the numerous restaurants, coffee houses and sandwich stands around the university.

There's always something on at the AUB every week — such as plays and concerts, or exhibitions of paintings, construction material and Lebanese industry products, or athletics or lectures or seminars — and the cultural value of these activities is boundless. They are also of economic importance to Ras-Beirut, as they attract no less than 100,000 persons from outside this district. Last year, 70 concerts were given at AUB and more than 60 lectures, seminars and debates. AUB was also instrumental in the establishment of the Alumni Club with its facilities for sports and entertainment, and of the Eagles Club.

Perhaps the development of streets around the university is a good example of this transformation. A few years after AUB was founded, Ras-Beirut had less than five buildings on Bliss Street, and around 30 peasant-houses. Until 1919, construction was only limited to Abdul Aziz and Jeanne d'Arc streets. Nothing worth mentioning took place in Hamra Street before the end of the 40s. The pace and type of this growth is decisively indicative of AUB's importance. Bliss Street runs parallel to the university, while Abdul Aziz and Jeanne d'Arc streets lead to its two main gates. Moreover, Abdul Aziz Street borders the Hospital. Even now, the main occupation of these three streets is to supply the requests of AUB's students and employees. The part of Bliss Street which falls between Abdul Aziz and Sadat streets has 70 shops — of which 27 supply meals, 8 are bookshops, 8 sell clothes, 6 are for entertainment, including 2 cinema houses. Jeanne d'Arc Street, between Hamra and Bliss, has 74 shops — 26 of which sell clothes, and 18 supply meals.

The construction of the new Hospital at a total cost of LL.77.9 mn. is underway, and Phase III is expected to be completed in June 1973. In addition to the construction activity of the Hospital, its patients and visitors contribute to the district's economic growth. Last year, 9,790 patients — among them 2,928 non-Lebanese — were admitted to the Hospital. The average stay of a patient in hospital was 8.1 days. Non-Lebanese who accompany their patients usually stay in Ras-Beirut. If we consider that a non-Lebanese patient is accompanied by one person only, and that to stay in this district costs LL.25 per day, the annual expenses



Hamra Street of Ras-Beirut now — tall buildings, electric lights, asphalt and cars.

Analysis of Expenditure of AUB Employees — 1970

	Total Expenditure of those residing in Ras-Beirut (in L.L.)	Proportion Spent in Ras-Beirut	Total Expenditure in Ras-Beirut (in L.L.)
Food	10,089,752	81%	8,172,699
Liquor and tobacco	1,338,113	81	1,083,872
Rent	4,835,595	100	4,835,595
Housing needs	1,312,746	81	1,063,324
Clothing	3,338,941	81	2,704,542
Medical expenses	1,093,955	81	886,104
Transportation	3,040,877	81	2,463,110
Education	1,572,758	62	975,110
Entertainment	2,035,708	76	1,547,138
Others	3,050,391	81	2,470,817
Total	31,708,836		26,202,311

of persons accompanying patients reach LL.600,000.

Moreover, a good number of the AUH doctors have opened private clinics close to the hospital — at the Medical and Gefinor centers — and this has also contributed to the economy of Hamra. 113 doctors are currently working at the Hospital — out of a total of 975 employees. In 1962, the number of Hospital employees did not exceed 505, and five years later it was 607.

The following diagram and statistical — and eloquent — tables are self-evident:

Assessment of Expenditure of AUB Employees (in LL.) — 1970

	Annual Expenditure of 1 person	Annual Expenditure of 1 family	No. of families	Total Expenditure of families	Proportion of those residing in Ras-Beirut	Total Expenditure of those residing in Ras-Beirut
Non-Arab Professors and Administrators	8,501	26,921	208	5,599,568	80%	4,479,654
Arab Professors and Administrators	7,000	28,914	378	10,929,492	80%	8,743,594
Contractual Employees (non-professors)	4,552	21,159	755	15,975,045	80%	12,780,036
Wage earners (non-professors)	1,482	9,335	764	7,131,940	80%	5,705,552
Total			2,105	39,636,045		31,708,836

Interview with AUB S. C. President

Since his election President of the AUB Student Council, Mr. Mohammad Dajani has been interviewed by several local papers.

In reply to a question on the effectiveness of the Student Council, Dajani said:

The official figures of the Student Council elections showed that the proportion of voters this year was the highest ever, but for some reason this fact was obliterated.

The effectiveness of the Student Council will depend on its exercise of its powers as a legitimate representative of the student body, and on the Administration's recognition of this Council and the trust of students in it.

Asked about the possibility of establishing a national union of AUB students together with the existing student council, he replied:

The idea of a national union is in need of much study and explanation before submitting it to students.

On the question of whether the Constitution will restrain the effectiveness of the Council, he explained:

I do not think so. Irrespective of the Constitution provisions, the student leadership, in this case the Student Council, obtains its power from the students themselves, from their trust in it and their support of it, not from the constitution.

As to his plans in his capacity as President of the Student Council, Mohammad Dajani said:

Elections this year were exceptional. They were delayed because four months had to be spent in struggle to have the student council reinstated. This means that the present student council will only have ten weeks in office. Consequently, we shall have to concentrate on a number of demands, foremost of which will be the amendment of the present constitution.

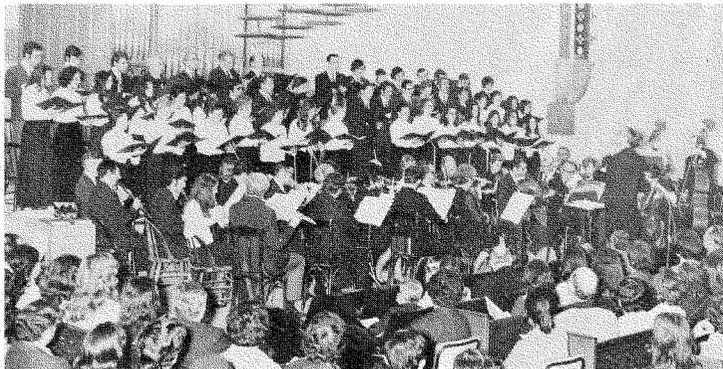
Our other demands are:

a. Approval of the principle of student participation in certain administrative matters through student representation on each of the Admission, Program, Disciplinary and Scholarship committees.

b. Settlement of various student problems such as prices of books, the milk bar and the cafeteria.

c. Approval to have a Student Council speech delivered at the graduation ceremony.

d. Definition of the role of the Office of Protection and Safety.



The Fine and Performing Arts Department presented last Sunday, March 26, 5:30 p.m. at the Assembly Hall its twenty-third annual Easter Musicale to a packed audience including several ambassadors, cultural attachés, Faculty members, students, members of the Board of Trustees and friends of the University. The Opening Words were delivered by President Samuel B. Kirkwood and the entire performance was broadcast by the Lebanese Broadcasting System.

The program was performed by the University Choir and Soloists (54 members) with Orchestra and organ (29 musicians) conducted by Prof. S. Arnita. The Last Seven Words by Dubois and excerpts from Pergolesi Stabat Mater, as well as two compositions by Prof. Arnita and Adagio for Strings by Samuel Barber, were on the program.



University of Malaya delegation with Vice President Hakim.

An official delegation from the University of Malaya, Kuala Lumpur, visited AUB on March 3, to discuss possible fields in which the two universities could establish close relations. This would include the exchange of library holdings, and the acceptance of Malaya University students into the AUB School of Medicine and as graduates in Islamic Studies.

The delegation, led by Prof. Ahmad B. Ibrahim, deputy Vice-Chancellor of the University of Malaya, was received by Vice-President George Hakim, Mr. Redwan Mawlawi, Director of Information, and Dr. H.M. Jafri, professor of Islamic Studies, who served at the University of Malaya for seven years before coming to AUB in 1968.

The delegation is currently visiting all leading universities in North Africa and the Near and Middle East to explore ways and means of closer contact between the University of Malaya and the universities of Arab and Muslim countries, rather than having to depend solely on Western institutions.

The University of Malaya, established in 1958, is highly-recognized in South-East Asia. It is a fully residential university with Faculties of Arts, Sciences, Engineering, Agriculture, and Medicine.

New Publication - Roommate

The Bulletin is pleased to welcome the first issue of the new AUB 8-page bimonthly publication ROOMMATE which is described by its advisor, Mr. Arthur Whit-

man, Director of the Office of Development as directed primarily to resident students at AUB and BCW but written for all students.

Our Notice Board

The following days will be holidays for all Non-Academic Personnel:

Good Friday — March 31, 1972

Easter Monday — April 3, 1972

Members of the Orthodox Church may elect to work on Friday, March 31 and Monday, April 3 and have the following days instead as authorized days off:

Good Friday — April 7, 1972

Easter Monday — April 10, 1972

Effective March 20, 1972 the hours of the University Post Office will be as follows:

Monday through Friday: 7:30 a.m. — 12:30 p.m. ; 2:00 p.m. — 5:30 p.m.

This additional half hour in the morning will enable Students, Faculty and Staff to attend to their mail before classes and work.

Provost Samir K. Thabet has released the following reminder:

Misunderstandings are arising in connection with the admission of students as a result of information and assurances given by people outside the Admission Section of the Registrar's Office.

Such information is to be given only by the Office of the Registrar — Admission Section.

Recital

The Fine and Performing Arts Department of AUB in cooperation with the Swiss Embassy will present a unique recital of flute and piano music on April 11 at 8:30 p.m. in the AUB Assembly Hall. A young married couple named Charles-Joseph and Elena Bopp will treat the Beirut audience to an interesting assortment of composers ranging from Mozart to Prokofiev.

Mr. Bopp is Switzerland's best known flute soloist while his wife is one of Bulgaria's finest young pianists. They have recently begun performing as a dynamic duo and have played in most West European countries as well as throughout the United States. Their first

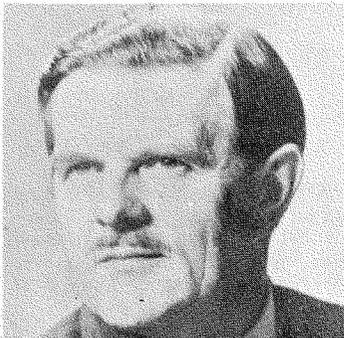
The Fine and Performing Arts Department of AUB in cooperation performance in the Middle East is eagerly awaited by chamber music enthusiasts and promises to be one of the season's better musical events.

American University of Beirut bulletin

VOLUME XV, No. 22

THURSDAY, APRIL 13, 1972

MEMA - Dr. J. N. Walton To Deliver Wilder Penfield Lectureship



Dr. John N. Walton will arrive in Lebanon at the beginning of next month to participate in the 22nd Middle East Medical Assembly which is to be held at the American University of Beirut, May 4-7 and deliver the annual Wilder Penfield Lectureship in Neurology.

Dr. Walton is Professor of Neurology at Newcastle University in Britain. He is Editor-in-Chief of the *Journal of the Neurological Sciences*, and Chairman of the Muscular Dystrophy Group of Great Britain.

One of the prominent speakers at the forthcoming Middle East Medical Assembly, Dr. Walton will lecture on the subject of "Changing Concepts of Neuro-muscular Disease." He will also participate in a plenary session on "Aging" and in a seminar on "Recent Advances in Nervous Diseases."

Mr. A.G. Masabki has made generous donations towards the Wilder Penfield Lectureship in Neurology which is sponsored by the AUB School of Medicine in recognition of the Services and achievements of Dr. Penfield, the world-known Canadian neurosurgeon.

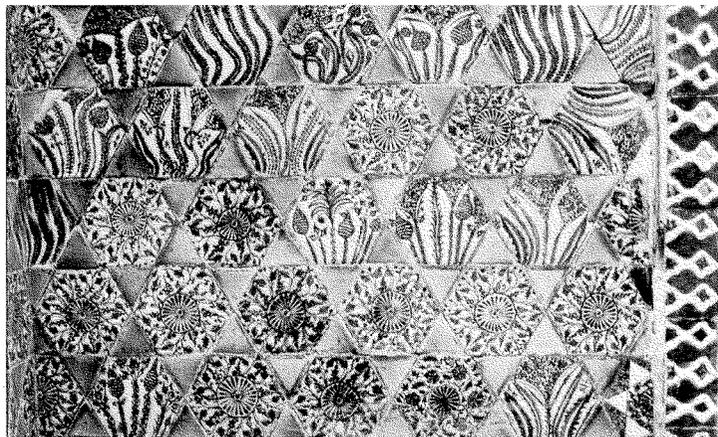
The donations of Mr. Masabki are related to the Mary Masabki Endowment established in 1967 for the benefit of the American University of Beirut as a permanent endowment for research and academic development, in grateful tribute to the medical skills and wise counsel of Dr. Penfield.

Prof. Carswell on Islamic Art

The Metropolitan Museum of Art in New York has just published a volume entitled *Islamic Art*, to commemorate the Centennial of the Museum. Edited by Richard Ettinghausen, it contains contributions from twenty-two scholars including Prof. John Carswell, of the AUB Department of Fine Arts. In the foreword, Thomas Hoving, Director of the Museum, says: "It is an important contribution to scholarship, indeed, in my opinion, one of the most

seven of the contributors either have been or are at present members of our staff, the majority are from other institutions in the United States and Canada, or from various countries in Europe and the Near East.

Prof. Carswell's contribution is to the section devoted to ceramics. His paper deals with the identification of six tiles bought by the Museum in 1957, of Near Eastern origin, and the categorisation of different groups of fifteenth-cen-



15th Century Islamic Tiles from the Tomb of Tawrizi, Damascus.

important in the Museum's recent history. It is based on the full range of objects in our Islamic collection, and on pieces that provide important clues to solving art historical mysteries. The book is a collaborative effort of international character, for although

hexagonal Islamic tiles from Turkey, Syria and Egypt. A second article, elaborating on the same subject, is shortly to appear in the *Annual* of the Victoria and Albert Museum, London, to which Prof. Carswell has also been invited to contribute.

AUB Center Serves Region

The Science and Mathematics Education Center at AUB is currently negotiating with the Certification and In-Service Teacher Training Institute (CITTI) in Jordan to provide this institute and Jordan's Ministry of Education with technical and training assistance in their activities and certain aspects of work.

At a series of meetings in Amman, from March 4-9, the Center was represented by its director, Prof. Wadi' Haddad, associate professor of Education, and Prof. Vic-

tor Billeh, assistant professor of Biology. Also present were representatives of CITTI, and of the Ford Foundation which will be financing the project. If an agreement is concluded, it will become effective this summer.

The Center, which was set up in September 1969, will develop as a regional one, and will be providing assistance to all governments who should so desire in the development of their educational programs, curricula, textbooks, and instructional materials in the fields of sciences and mathematics.

Mrs. Philip F. Wagley on AUB Board of Trustees



Mrs. Philip F. Wagley has been elected to membership on the Board of Trustees of the American University of Beirut it was announced today by Dr. Calvin H. Plimpton, chairman of the board.

Mrs. Wagley, the daughter of James C. Penney and Caroline Autenreith Penney, was born in New York City, received her B.S. from Massachusetts Institute of Technology in 1947 and her D. Phil. from Oxford University (England) in 1950.

After teaching chemistry at Smith College from 1950-53, Mrs. Wagley did research at Johns Hopkins University for a year, taught at Goucher College for 3 years, then at Johns Hopkins School of Nursing for two years. Since 1966, Mrs. Wagley has been the headmistress of St. Paul's School for Girls in Brooklandville, Maryland.

In addition to the American University of Beirut, Mrs. Wagley is also a member of the corporation of the Massachusetts Institute of Technology and she served on the Goucher College Board for twelve years prior to her resignation in June of 1971.

Mrs. Wagley is married to Dr. Philip F. Wagley, graduate of Johns Hopkins University (1953). Dr. Wagley currently practices Internal Medicine and serves as Assistant Professor of Medicine at the Johns Hopkins School of Medicine.

Dr. and Mrs. Wagley reside in Baltimore, Maryland with two daughters, Anne and Mary, and a son, James.

Activities

University Chapel Services
April 16 — 9:30 a.m.

THURSDAY, April 13

— Cello and piano recital by Elian Magnan and Billy Eidi. Assembly Hall — AUB. Tickets: LL. 10, 7 and 5. 8:30 p.m.

FRIDAY, April 14

— Guitar and piano recital by the Duo Sicca-Fleres. Assembly Hall — AUB. Tickets: LL. 5. 8:30 p.m.

SATURDAY, April 15

— Concert by The German Pop-Group "Agitation Free." Assembly Hall — AUB. Tickets: LL. 4 and 2. 7:00 p.m.

MONDAY, April 17

— Lecture by Prof. E. Boecker "The Influence of Göthe on Sir Walter Scott." West Hall — Lecture Room. 8:00 p.m.

— Piano recital by Marie François Bucquet (J.M.L. Concert), Assembly Hall — AUB. Tickets: LL. 10, 7 and 3. 8:30 p.m.

THURSDAY, April 20

— Concert by The Berg Quartet. Assembly Hall — AUB. Tickets: LL. 20, 15 and 10. 8:30 p.m.

SUNDAY, April 23

— Concert by piano students of Sona Aharonian, Assembly Hall — AUB. By Invitations.

8 - minute T'phone breakdown

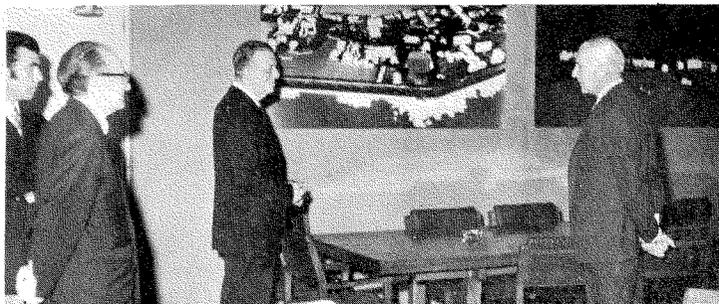
A city breakdown of all telephone trunk lines connected to the Hamra exchange occurred on April 5, 1972, for a duration of eight minutes (9:30 to 9:38) due to a failure of the main fuse of the Hamra city telephone exchange.

The AUB Bulletin is the official news publication of the American University of Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

Rector of Athens University visits AUB



From left to right: Mr. Zeidan, Vice President Hakim, President Kirkwood, Dr. Alexopoulos.

Dr. Caesar Alexopoulos, Rector of Athens University, visited the American University of Beirut on Thursday, April 6, 1972. Dr. Alexopoulos is an engineer and physicist and has been Rector of Athens University for the past eighteen months. Dr. Alexopoulos visited the AUB Physics Department, Jafet Library, the Archeology Museum, and the Medical Center. He showed keen interest in the AUH as the University of Athens is considering the establishment of a 1000-bed hospital.

President Kirkwood invited Dr. Alexopoulos to lunch at Marquand House. Deans, Vice Presidents and other University officials and faculty members were also invited.

Dr. Alexopoulos is in the Lebanon as guest of the Lebanese National Council of Tourism.



Charles-Joseph Bopp and his wife Elena as they appeared in concert Tuesday evening April 11 at 8:30 p.m. in the AUB Assembly Hall. This is the first performance of the young Swiss duo in Beirut.

Study of AUB Teaching Process for UNESCO

Retired Prof. Matta Akrawi is conducting a study of the teaching process at AUB for UNESCO's International Institute of Educational Planning (IIEP) in Paris. The study is covering the two Faculties of Arts and Sciences and of Agricultural Sciences. The Institute is carrying out a worldwide survey of "Planning University Development" which it hopes to complete by the Fall of 1972. As part of the survey the Institute has arranged for a series of case studies of specific topics in specific universities. Prof. Akrawi's study falls within this category.

Beside studying the documentary evidence and the statistical data, Prof. Akrawi has so far interviewed about forty members of the University including the President, Vice-President, the Provost,

Deans and Associate-Deans, selected chairmen of Departments and professors. He sent out an extensive questionnaire to the Professors of Arts and Science and will do the same for the Professors of the Faculty of Agricultural Sciences. In this way he hopes to get a good view of the planning process at AUB, particularly as regards curriculum, program and departmental planning, the methods of teaching and the A-V and other media used, the student counseling system, the faculty improvement measures and methods of evaluating teaching and the achievement of students. Prof. Akrawi has been invited to attend a meeting of experts at IIEP in Paris in July to study the results of the whole worldwide survey.

F A S Activities

The Lebanese Ministry of Agriculture continued last year its financial support for 4 research projects of the AES Department. The costs covered by the Ministry totalled \$17,000.

The research projects supported by the grant were:

1. A study on the land ownership and land tenure situation, and their effects on the development of the agricultural sector of the Lebanese economy.
2. The economics of the Wheat enterprise in Lebanon.
3. The effect on the agricultural sector of the Lebanese economy of the entry of Lebanon into the Arab Common Market, and
4. The agricultural credit situation in Lebanon.

AUB's FAS has initiated a study on the application of soil mineralogy to soil fertility management. This study has been financed by the National Research Council of Lebanon.

It is hoped that as a result of the findings of the research, utilization of soil mineralogy in soil fertility and cultural management of soils for crop production will become possible.

143 soil samples from 41 typical soil profiles of Lebanon have already been collected and are being analyzed. 81 soil samples have been analyzed by X-ray diffraction and differential thermal analysis.

The AUB Department of Food Technology and Nutrition has received a research grant of \$5,000 from the International Atomic Energy Agency. This grant will enable Dr. Enid G. Pascoe, Senior Lecturer in Nutrition, and her associates, to carry out studies on anaemic human subjects. The team will also study the availability of iron in various mixed diets and the effect of foods labelled with radioactive iron.

Professor Salah Abu Shakra of the Faculty of Agricultural Sciences was elected Secretary General of the Lebanese Association for the Advancement of Science (LAAS) for the period Jan. '71 till Dec. '73. Also AUB Professors Suheil Saheb and Wadi Haddad were elected to the Executive Committee, and Professors J. Harfouche, S. Thabet, S. Jabbur, and A.H. Hallab were elected to the Advisory Committee. The LAAS was established in 1967. It has at present 170 active members, and has already held four scientific meetings in Beirut.

AUB Faculty Promotions

President Samuel B. Kirkwood has announced the following promotions among the AUB Faculty as approved at the March 10-11 New York meeting of the Board of Trustees. The announcement was made at the meeting of the University Senate on March 30, 1972.

The Promotions included 6 American, 1 Austrian, 1 British, 1 Canadian, 2 German, 3 Jordanian, 23 Lebanese, 1 Saudi Arabian, 1 Swiss and 1 Syrian professors. They are distributed as follows among the various faculties: Agricultural Sciences 6; Arts and Sciences 26; Engineering and Architecture 3; Medical Sciences 5 — all of whom are Lebanese.

FAS — effective 7/1/72:

<u>FAS — effective 7/1/72:</u>	<u>Department</u>	<u>Promotion</u>
Dr. Nicholas J. Atallah	D.E., University of California	Tenure
Dr. Donald W. Bray	Ph.D., Oregon State University	Professor
Dr. Abdul Hamid Hallab	Ph.D., Louisiana State University	Associate Professor
Dr. Ramzi Khalidy	Ph.D., University of California	Professor
Dr. Adib T. Saad	Ph.D., University of Wisconsin	Tenure
Dr. Salah M. Yacoub	Ph.D., Cornell University	Associate Professor

FA&S — effective 10/1/72:

Mrs. Faizeh Antippa	M.A., AUB	Education	Senior Lecturer
Dr. Iskandar Bashir	D.P.A., Syracuse University	PSPA	Senior Lecturer
Dr. Philip Basson	Ph.D., University of Missouri	Biology	Associate Professor
Dr. Ziad Beydoun	D.Phil., Oxford University	Geology	Tenure
Dr. Khalil Bitar	Ph.D., Yale University	Physics	Associate Professor
Dr. Eberhard Boecker	M.A., University of N. Carolina	European Lang. & Lit.	Associate Professor
Dr. Neil J. Q. Bratton	Ph.D., Georgetown University	English & CELRT	Associate Professor
Dr. Ralph Crow	Ph.D., University of Michigan	PSPA	Professor
Dr. Nimr Eid	Ph.D., University of Texas	Business Administration	Associate Professor
Dr. Robert Fraga	Ph.D., Univ. of Brit. Columbia	Mathematics	Senior Lecturer
Dr. T. R. Goedicke	D.Sc., University of N. Carolina	Geology	Senior Lecturer
Dr. Wadi' Haddad	Ph.D., University of Wisconsin	Education	Associate Professor
Dr. Mohammad A. Hamdan	Ph.D., Sydney University	Mathematics	Tenure
Dr. Yusuf Ibish	Ph.D., Harvard University	PSPA	Professor
Dr. George Khairallah	Ph.D., Columbia University	English	Senior Lecturer
Dr. Fuad Khuri	Ph.D., University of Oregon	Sociology & Anthropology	Tenure
Dr. Habib Kurani	Ph.D., Columbia University	Education (retired)	Emeritus Professor, effective immediately
Dr. Harry Mavromatis	Ph.D., Princeton University	Physics	Tenure
Dr. John Mirhij	Ph.D., University of California	Biology	Emeritus Professor, effective 7/1/72
Dr. John Olmsted, III	Ph.D., University of California	Chemistry	Tenure
Dr. Heinrich Ryffel	Dr.Phil., Bern University	Cultural Studies Program	Senior Lecturer
Dr. Karl Schilcher	Dr.Phil., University of Vienna	Physics	Associate Professor
Dr. Hassan Tayim	Ph.D., University of Illinois	Chemistry	Associate Professor with tenure
Dr. Fawzi M. Yaquob	Ph.D., Purdue University	Mathematics	Senior Lecturer
Dr. George I. Za'rour	Ph.D., University of Wisconsin	Education	Associate Professor
Dr. Mahmud Zayid	Ph.D., Yale University	History & Archeology	Professor

FE&A — effective 7/1/72:

Dr. Shahwan V. Khoury	B.E., Youngstown University	Electrical Engineering	Associate Professor
Dr. Friedrich Ragette	Ph.D., Carnegie Inst. of Tech. Dipl. Ingénieur-Architect, Technische Hochschule, Vienna	Architecture	Associate Professor with tenure
Dr. Fateh M. Sakkal	Ph.D., Manchester University AMIME	Mechanical Engineering	Professor

FMS — effective 7/1/72 :

Dr. Nabil Banna	Ph.D., University of Illinois	Pharmacodynamics & Toxicology	Associate Professor
Dr. Adel Birbari	M.D., AUB	Internal Medicine	Associate Professor
Dr. Amal Kurban	M.D., AUB	Internal Medicine	Professor
Dr. Avedis K. Khachadurian	M.D., AUB	Biochemistry	Professor
Dr. Camille Matta	M.D., AUB	Ophthalmology	Professor

School of Nursing Recruitment Program

Miss Esther L. Moyer, Director of the AUB School of Nursing, and Mrs. F. Beyhum, Recruitment Counselor, are back from a trip to Aleppo and Homs where they supplied high schools and schools of nursing with information on AUB's nursing programs and their future and possibilities in the Arab world.

All through their campaign to recruit nurses for the BS diploma and the post-basic course in nursing, student audiences were showing a great deal of interest.

The Director of Education in Aleppo praised their efforts and promised them all possible help.

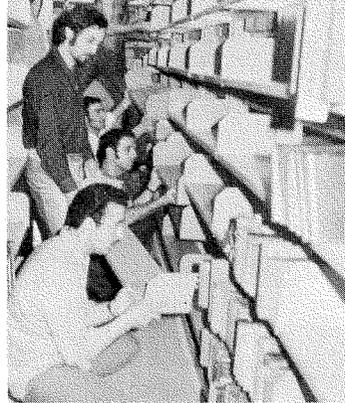
The School of Nursing has three nursing programs: a Nursing Diploma program, a program leading to the Bachelor of Science in Nursing degree and an advanced program of specialization for graduate nurses in administration and teaching. The aim of the Recruitment program is to provide the public with accurate information on these programs and the nursing career opportunities they offer.

Smallpox Vaccination

Immediate preventive measures have been taken by AUB on hearing recent press reports of smallpox cases in a number of European and Middle Eastern countries.

Recommendations for vaccination were circulated by Dr. Nabil T. Nassar, Director of the University Health Service, and two vaccination stations were made available at West Hall and the Hospital Laboratory for the AUB community and students.

Library Stacks rearranged



A complete rearrangement of the Jafet Library book collections in the third, fourth and fifth floors of the stack has recently been completed. The project involved moving some 250,000 volumes — many of them more than once — so as to integrate all western and Arabic titles (except folios and rare books) in a single Dewey Decimal order from 000 on the fifth floor to 999 on the third.

The new arrangement gives readers a clearer picture of the Library's total holdings, in particular subjects or by particular authors, regardless of language. The public catalogs will remain separated, as at present, into western language and Arabic alphabet sections.

The whole move was planned in detail and directed by Mr. Jihad Hajj, Stack Supervisor. Over a ten-week period more than ten staff members were occupied in shifting books and shelves, while others replaced them voluntarily at public service points in the Circulation Department.

EDITH MacCALLUM LAIRD DIES

Mrs. Edith MacCallum Laird, former University Librarian at the American University of Beirut, Lebanon, died Friday, March 24, 1972 in Miami, Florida at the age of 80.

A Canadian, Mrs. Laird was born in Erzerum, Turkey, of Canadian missionary parents in the Middle East who were with the American Board of Commissioners for Foreign Missions. When young, she moved with her parents to Marash in Cilicia. She attended the Girls School of Smyrna, whose Principal was Miss Emily MacCallum, an aunt, before she returned to Canada as a girl of 16, with her brother for further schooling.

Mrs. Laird took her B.A. at Queen's University, Kingston, Ontario, and spent her summers teaching in Saskatchewan. Widowed shortly after her marriage in 1917, she attended Pratt Institute of Library Science, Brooklyn, New York, and after one additional year of library work there, took a position with the Princeton University Library for the next three years.

During a fall visit to Istanbul with her parents in 1926, President Bayard Dodge of the American University of Beirut sent her a cable offering her the position of University Librarian, which she accepted.

Mrs. Laird served the AUB Library for 32 years before she retired in 1958. During that time she served as Chief Librarian from 1926 to 1951 and Cataloger of the university's Western Language Collection until her retirement. From the time that she joined the university, Mrs. Laird encouraged the adaptation of the Dewey Decimal System to the Arabic Collection, so that it could be used for all classification purposes throughout the library.

Mrs. Laird was the sister of Miss Elizabeth MacCallum, the former Chargé d'Affaires of Canada to Lebanon from 1954 to 1956, the first Chargé d'Affaires of the Canadian Government in Lebanon, and responsible for establishing the Canadian Legation in Beirut.

Mrs. Laird's late father, Dr. Frederick W. MacCallum, D.D., ended his work in Turkey by a full translation of the Bible from its original languages into modern Turkish. Her brother, F. Lyman MacCallum of the American Bible Society, saw it through the press in 1941.

Mrs. Laird witnessed a period of great growth at AUB during her thirty-two years. From approximately 28,000 volumes when she first became university Librarian, Mrs. Laird saw that number grow to over 125,000 by 1958. Today the number has reached 344,563. In addition, when Mrs. Laird first arrived at AUB, the library was housed in College Hall, now the offices of the university administration. She witnessed the construction of the new Jafet Memorial Library which was completed in 1951 and today houses the bulk of the university library collection. On the occasion of her retirement, Mr. Francis Kent, present University Librarian, stated that the current library system and its collection were tributes to Mrs. Laird's labor and skill.

Mr. Archie S. Crawford, Vice-President of International College, and close friend of the late Edith MacCallum Laird and of her sister Elizabeth Pauline MacCallum has this remembrance to add:

Upon her retirement in 1958, she worked in the Widener Library at Harvard and later collaborated with Henry Field in the preparation of several bibliographies of botanical, zoological and archaeological works, mainly about southwest Asia. Mrs. Laird's sister, Miss Elizabeth Pauline MacCallum, was the author of the following books on the Middle East: *The Nationalist Crusade in Syria*, 1928; *The Near East: a Survey of Political Trends in 1925, 1926; The Near East in 1928, 1929; Rivalries in Ethiopia*, 1935; *Twenty Years of Persian Opium (1908-1928)*. Both sisters, having been born in the Near East, were very sympathetic to the developing aspirations of the Arab lands.

Mrs. Laird lived a quiet, unemotional, but friendly life, and is remembered with affection by her many friends and colleagues.

Bank Holidays

"The banks in Lebanon will be closed on the following days during the remainder of 1972.

Date	Holiday
25th April	Maulid-An-Nabi (Prophet's Birthday)
1st May	Labor Day
6th May	Martyrs Day
11th May	Ascension Day (Western)
15th August	Assumption Day
1st November	All Saints Day
7th November	Eid Al-Fitr (Approx.) 1st Day
8th November	Eid Al-Fitr (Approx.) 2nd Day
22nd November	Independence Day
25th December	Christmas

This can be clipped out for future reference.

American University of Beirut

bulletin

VOLUME XV, No. 23

THURSDAY, APRIL 20, 1972

Sigma Xi Symposium on Energy Resources

The Society of the Sigma Xi is a society of scientists, founded during the last century at Cornell University, with most present day chapters and clubs inside North America. The membership of the AUB club includes scientists in the different universities of Beirut, international and government agencies, industry, and private practice. Sigma Xi's purpose is to encourage scientific research, especially that which is interdisciplinary and educational. Sigma Xi is where scientists come together as just scientists, and not as mini-groups of superspecialization. Science policies are a real issue to Sigma Xi, as is an awareness of the consequences of scientific and technological developments. Many Sigma Xi activities therefore are not only of interest to scientists but also to non-scientists, and the general public is encouraged to attend the forthcoming symposium on Energy Resources.

The main energy resources are water, oil, coal, solar and nuclear. The Middle East is rich in some of these while poor in others. On a world basis, discrepancies exist in estimates of the availability of most of these. Can the sources of energy be sustained, and can they

match the mushrooming demands being made on them? Can science meet the changing demands of society with increased efficiencies in conversion at low costs and at low rates of pollution? These and other vital up-to-the minute issues will be discussed at the symposium to be held at the AUB in Mary Dodge Hall at 8:00 p.m. on Monday 24 April. Everyone is invited.

The moderator for the symposium is Dr. W. Schechter, a chemist and research teacher, but perhaps better known in Beirut as President of the Beirut College for Women. The panelists are Dr. A. Rogers (Fossil fuels), Dr. K. Kano (Water power), Dr. H. Mavromatis (Nuclear energy), Dr. J. Olmsted (Solar energy), and Dr. W. Hayes (Ecological implications).

The subject of the symposium, although conceived by the program committee of the local Sigma Xi club (Dr. Enid Pascoe, Dr. N. Hulings, Dr. Essam Nasser, and Dr. G.K. Sweatman—chairman) was formulated and developed with other AUB scientists—Dr. Z. Beydoun, Dr. R. Cook, Dr. F. Farah, Dr. J. McClain, Dr. F. Regier and Dr. L. Slade.

The Sheikh Zayyid Bin Sultan Al-Nahyyan Chair of Islamic Studies at AUB



A Professorial Chair in Islamic Studies is established at the American University of Beirut by agreement with the Ruler of Abu Dhabi, announced President Kirkwood.

The Chair will be named after His Highness the Ruler of Abu Dhabi and will be known as "The Sheikh Zayid Bin Sultan Al-Nahyyan Chair of Islamic Studies." The Chair is established for a period of ten years, beginning October 1971, which will be renewable upon agreement at the end of the 10th year.

President Kirkwood has declared that the American University of Beirut fully recognizes the importance of Islam in the spiritual and social life of the Middle East. The purpose of the Chair of Islamic Studies is therefore to study the religious aspects of society through an objective study of Islam as a belief and as a culture and civilization. Beirut being the central place presents an ideal atmosphere in creating a full understanding of Islam and its values among Muslims and non-Muslims alike.

The Chair will be exclusively dedicated to Islamic studies with the aim of stimulating awareness and creating further interest in the study of Islamic religious thought, philosophy, history and civilization, and will provide courses in Islam on a wide range of subjects both at graduate and undergraduate levels. These courses will all

be open as electives to students from all Faculties and Schools of AUB: Arts and Sciences, Engineering, Agriculture, Medicine and Nursing.

The American University of Beirut appreciates the confidence shown in our present professor of Islamic Studies and the suggestion that Prof. Husain Jafri be appointed as the first incumbent. AUB also accepts the importance of the principle that the occupant of the Chair should be a Muslim scholar.

His Highness Sheikh Zayid Bin Sultan Al-Nahyyan, Ruler of Abu Dhabi, has donated the sum of \$75,000 and will make another donation later in the year to finance the Chair.

President Samuel B. Kirkwood, Vice-President George Hakim and Mr. Nazih Zeidan had recently visited Abu Dhabi and thanked His Highness Sheikh Zayid Bin Sultan Al-Nahyyan for his generous donation and the concern he has shown for the establishment of the Chair which will serve Islamic science and Islam. His Highness expressed his appreciation of AUB's efforts in the service of Arab generations in various fields.

The establishment of the Chair of Islamic Studies is part of an academic program of AUB which also aims at establishing a number of other chairs for various studies through aids and donations from the Arab world.



Panelists in the forthcoming Sigma Xi symposium on Energy Resources to be held at AUB in Mary Dodge Hall at 8:00 p.m. on Monday 24 April. Standing, left to right, Dr. K. Kano (Water power), Dr. A. Rogers (Fossil fuels), Dr. H. Mavromatis (Nuclear energy), Dr. W. Hayes (Ecological implications) and Dr. J. Olmsted (Solar energy). Seated: Dr. W. Schechter, moderator.

OUR NOTICE BOARD

University Chapel Services
April 23 — 9:30 a.m.

SIGMA XI SYMPOSIUM
ON
ENERGY RESOURCES
MARY DODGE HALL
April 24, 8:00 p.m.

Further to our Bank Holidays announcement in the Bulletin of last week—April 13—it is now learned that Maulid-An-Nabi (Prophet's Birthday) will fall on Wednesday, April 26th—NOT on Tuesday, April 25th as previously announced.

There will be NO classes at AUB on the following holidays:

- Maulid-An-Nabi (Prophet's Birthday) 26th April.
- Labor Day 1st May.
- Martyrs Day 11th May.

All Faculty members when sending material for publication to The Bulletin are kindly requested to be consistent with the AUB Catalogue in the spelling of their name and in their designation.

Come and give yourself a treat, this time women solo, on Tuesday May 2, 1972, at 12:30 noon, at the Bristol Hotel organized by the Women's Association of AUB. Tickets at LL. 12 per person—available at West Hall and various members—include lunch and a fashion show.

Look out for more interesting news next week.

The AUB BASKETBALL CHAMPIONSHIP 1972 which started during the first semester has come to three way tie. Decisive matches for first, second and third place medals have been scheduled for April 17 at 7:00 p.m., Semi Finals — SOPHOMORES against MEDICINE and winners will meet AGRICULTURE for first place on April 21 at 7:00 p.m. In case one team beats the other two, then an extra decisive match will declare second and third place medalists.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

In the Steps of Ancestors



The Rev. and Mrs. Leavitt

The Springfield Daily News, Springfield, Mass. reported from Longmeadow that the Rev. and Mrs. Daniel B. Leavitt, who have been steeped in the traditions of the overseas mission, are looking forward to their coming missionary work in Rhodesia, Africa, at the Mount Silinda Institute.

More than one hundred years ago, the World Ministry Board sent the legendary Daniel Bliss, Mr. Leavitt's great-grandfather, to the Lebanon where he founded the American University of Beirut. Mr. Leavitt himself grew up here in Beirut when his father was President of International College. Mrs. Leavitt has two cousins who served in missionary work in Japan and an uncle who served in Brazil.

The Rev. and Mrs. Leavitt have been living happily in Longmeadow, Mass., over the last ten years while he has been minister of the First Church of Christ.

To Mr. Leavitt, going into the mission field is what he has always wanted to do because of the challenge, and because it is a part of both his wife's and his own heritage. He believes that a Christian missionary in Africa, which is in a state of great change, is in a unique position to be a reconciling force because he has no political or economic interests, nor anything to gain personally. Moreover, 85% of all leaders of the emerging African nations are graduates of mission schools.

A teacher by profession, Mrs. Leavitt looks forward to teaching English at Mount Silinda Institute while her husband will be teaching Biblical studies. He will also work with the African churches of the United Church of Christ in Rhodesia.

The Rev. Daniel B. Leavitt has resigned the pulpit at Longmeadow's First Church of Christ, effective July 31, after 12 years as pastor.

Prof. Manasseh on Low Cost Roads

Prof. Nicolas Manasseh of the Faculty of Engineering and Architecture has attended the 12th Arab Engineers Conference in Cairo where he presented a paper on Low-Cost Roads and acted as Chairman of a session on Road Construction.

He mentioned in his paper that the average length of roads in the Arab countries (both paved roads and earth tracks) is 20 meters per square kilometer of area as against 800 meters in Lebanon and 100 meters in Morocco. He pointed out that with the desire to reclaim vast desert areas by the end of the present century the road network should reach at least the

present extent in Morocco. This means building 34,000 kilometers of roads each year for the next 28 years. To approach this goal a system of low-cost roads should be developed depending on the cooperation of those who will benefit from the roads and making full use of modern road building machinery.

Last summer, Prof. Manasseh, who is also President of the Lebanese Road Association, went to India, Thailand and Indonesia on behalf of the International Road Federation to investigate the extent of road research going on in their various engineering schools and centers.

Student Council Scholarship Fund Campaign

The recently elected AUB Student Council has met and decided to launch an extensive campaign for a scholarship fund. The Student Council explained in a circular that in reaching this decision it is prompted by several considerations.

The Council believes that the mounting financial difficulties facing AUB will eventually have a direct effect on the student body. Moreover, students feel they ought to show their concern for the welfare and continuity of AUB, and want to cooperate with the Administration, faculty, alumni, parents and others in helping their generations obtain higher education. Furthermore, such a fund will be a precedent to be followed by future AUB student councils.

The fund is to be raised by launching a one-week campaign on campus and in town on May 8-13. To publicize this campaign, all possible means will be sought, including the cooperation of TV, radio and the press. The campaign will provide for contacts with firms, associations, organizations, foundations, embassies, parliamentary deputies, cabinet ministers, businessmen, administrators and the public at large. Donations from students, faculty, staff and alumni will be accepted and a show, musical recital, play, movie, or an opera are to be arranged. At the close of this campaign, the Student Council will publish the names of contributors along with their contributions, and the proceeds from donations and various activities. The money collected will be deposited at the Comptroller's office of the AUB under control of the Student Council.

Applications for scholarships will be addressed to the Student Council. Details as to the form and date will be published soon. The success of this campaign depends on the understanding, cooperation, efficiency, competence, and goodwill of all. Any person interested is asked to contact:

— Student Council Scholarship Fund Committee, AUB, Box 236/22, Beirut.

Prior to their Scholarship Fund campaign, the Student Council had managed to obtain the agreement of various firms and merchants to give a discount on the goods they sell to AUB students who are more than 4,000 men and women of 50 nationalities and who thus constitute quite a purchasing power.

Prof. Khalidy Executive Of Intl. Soc. of Citriculture

Prof. Ramzi Khalidy of the Faculty of Agricultural Sciences has been appointed member of the Executive Committee of the International Society of Citriculture. The Society is in the process of organizing the International Citrus Congress to be held in Murcia, Spain from April 29 to May 10th, 1973.

The Society has 500 registered members. The first International Citrus Symposium was held in 1968, in California, USA, with 720 delegates attending.

15 Field Agricultural Surveys

Fifteen field surveys were conducted during the academic year 1970-71 by the Faculty of Agricultural Sciences.

These field studies, carried out in the home countries of the graduate students who conducted them, covered specific agricultural problems relating to the following fields: Land economics, Credit, Farm Management, Marketing and Trade, Extension Program Planning, Adoption of Imposed Agricultural Practices, Rural Sociology and Socio-economic Studies.

Chief Reference Librarian

Mr. Yusuf Kozma Khoury, Acquisitions Librarian (Oriental), has been appointed Chief Reference Librarian with effect from March 13, 1972 replacing Mr. Mohammad Hassan Sulaiman.

Mr. Khoury obtained his M.A. degree in Arab Studies at AUB in 1965 and his M.L.S. at the University of North Carolina in 1967. He expects to receive the Ph.D. degree in Arab Studies in February 1973.

He joined the Reference Department of the Library in 1960 and served there till 1964. He was then appointed Research (Editorial) Assistant in the Department of Political Studies and Public Administration, where he remained until leaving for the University of North Carolina in 1966. On his return in 1967 he was reappointed to the Library as Acquisitions Librarian (Oriental).

For the past three years, Mr. Khoury has been responsible for the production of the annual volume of *Arab Political Documents* (in Arabic) — 1967-70. The 1971 volume is in the press.

He attended the 28th International Congress of Orientalists in Canberra in January 1971.

Prof. Ralph Brown Joins CELRT



Dr. Ralph H. Brown, who has recently joined the Center for English Language Research and Teaching, received his Ph.D. in French language and literature from Columbia University, New York. A native of New England, he taught both English and French at the University of Connecticut, and French at Wesleyan University, Middle town Conn.

For the past eighteen years, Dr. Brown has served with the United States Information Service. He was Language Center Director in Haiti, Afghanistan, Burma and Taiwan; Director of Courses in Burma, English Teaching Officer in Vietnam, and most recently Regional Officer for French-speaking Africa.

Bi-lingual in French, Dr. Brown has studied such varied languages as Burmese, Mandarin Chinese and Afghan Dari. He has wide experience as a speaker to service groups around the world, and as coordinator of various teacher-training programs.

Both Dr. and Mrs. Brown are no strangers to Beirut, and are looking forward to their work in the University community.

AUB Alumni In N. America

The AUB Alumni Association of North America, Inc. is holding its 1972 Annual Meeting on Thursday, April 27, 1972 at the Carnegie Endowment International Center.

Mr. Victor H. Bisharat, noted architect, will address the meeting on "Architectural Thoughts."

Mr. Bisharat, B.A. 1949, has achieved success and fame as one of the world's leading architects for his designs in both the United States and the Middle East. He does not view architecture as merely serving a basic function, but as a totality that encompasses the intellectual, the spiritual, and the aesthetic, as well as the functional.

Among his designs are the Jordan Pavilion at the New York World's Fair (1964-1965); the General Time Headquarters and the CBS Research Laboratories, both in Stamford, Connecticut; numerous apartment complexes in Beirut; as well as a number of private residences in the Middle East.

Prof. Hulings on Mediterranean Sand Beach Meiofauna

Dr. Neil C. Hulings of the AUB Department of Biology recently returned from a research trip to Morocco and Tunisia where he conducted continuing studies on the Zoogeography and Community Structure of the Sand Beach Meiofauna of the Mediterranean Sea. The research is funded through a grant from the Office of International Activities Foreign Currency Program of the Smithsonian Institution, Washington, D.C. and is a three years study, the first just completed.

In Morocco, the study is being conducted in cooperation with the Institut Scientifique Chérifien of Mohammed V University with Professor Bernard El Kaim as the co-principal investigator. Dr. Azzouz of the Institut National Scientifique et Technique d'Océanographie et de Pêche is the co-principal investigator in Tunisia. A graduate student from the University of Tunis is conducting thesis research on a phase of the study in Tunisia under Dr. Hulings' direction. Marine ecologists and systematists from France, Germany, England, Bermuda and the U.S. are cooperating in various aspects of the study.

Morocco, Tunisia and Lebanon have been selected as the primary areas of study of the sand beach meiofauna (marine animals permanently living in the spaces between sand grains). Morocco is under the influence of the Atlantic Ocean and to a lesser degree the Mediterranean Sea. Tunisia is considered as transition zone between the western and eastern Mediterranean. Lebanon is situated at the extreme end of the eastern Mediterranean. Thus, from the view-

point of zoogeography, these areas are of central interest. Later in the program, selected beaches of Algeria, Libya and Egypt will be studied.

The long-term objectives of the study are to determine the importance of the sand beach meiofauna community in energy flow within the marine ecosystem and to determine controlling environmental factors for the community and its components. It is felt by many investigators that the sand beach meiofauna community may be one by which to best measure and determine the effects of certain types of marine pollution. The studies underway are designed, in part, to test this hypothesis in that beaches being studied at present are essentially unpolluted. Thus, baseline data is being obtained for evaluation of polluted beaches.

Dr. Hulings organized the First International Conference on Meiofauna which was held in Tunis during July, 1969. From this conference, two books have been published by the Smithsonian Institution:

Hulings, N.C. and J.S. Gray. 1971. A Manual for the Study of Meiofauna.
Hulings, N.C. 1971. Editor. Proceedings of the First International Conference on Meiofauna.

The latter includes 27 scientific papers presented during the conference.

To date, Dr. Hulings has published or submitted for publication two papers based on his studies supported by the Smithsonian Institution.

Information Center

Rapid new developments in electronic technology for educational purposes are taking place. While at AUB some utilization of new media is being made, there seems to be a need for a central source of information available to the University at large.

The Division of Extension and Special Programs is prepared to act as such an information center for the University. Objectives to be achieved in this field would appear to be as follows:

1. to collect in a central location information and cross references to information, competent persons, and current practices at AUB and, perhaps, in the Middle East.
2. to facilitate the sharing of information among interested per-

sons at AUB of relevant ideas and data.

3. to disseminate pertinent information within the University.

To achieve these tentatively proposed goals, the Division of Extension and Special Programs invites interested faculty members to participate in an informal group which will meet approximately once a month. Faculty members interested in the uses of audio and video tapes and cassettes, closed circuit television, etc., and those having competence in these and related areas are requested to express this interest in a note to Dr. L.P. Cajoleas, Director, Division of Extension and Special Programs.

If there is response to this invitation, a meeting will be announced at a later date.

Middle East Dental Assembly

Many international dental specialists will be arriving in Beirut at the end of this month, to participate in the Middle East Dental Assembly which is to be held at the American University of Beirut, April 27-30, 1972.

The Assembly promises to be rich in subject matter and will deal with the latest advances in dentistry.

Four famous lecturers will discuss "Implantology." They are Prof. Theodore Lee from San Francisco; Prof. Hahn from Bonn, West Germany; Prof. J. Esatoglu from Lausanne, Switzerland and Prof. Maurice Weiss also from Lausanne.

"Full Dentures" will be discussed by the world's leading lecturer on the subject, Prof. Earl Pound from Los Angeles. His lecture with demonstration will take three hours.

"Periodontal Disturbances" (Pyorrhea — Gum disease) and the current methods of handling them will be covered by Prof. Abraham Haddad from Tuft's University in Boston. Dr. Abraham Haddad is of Lebanese origin and this will be his first visit to the land of his grand-parents.

The treatment of the Temporomandibular Joint will be discussed by Prof. Harold T. Perry, a lecturer of international repute. Prof. Perry is Chairman of the Department of Orthodontics at North-Western University Dental School. Disturbances of the Temporomandibular Joint are now fairly common and there is no dentist who does not encounter them routinely in his practice. With symptoms of pain radiating to the sinuses, ear, temples, eye and head, this disease forms a common ground where E.N.T. and Eye specialists meet with dentists.

There will also be quite a significant number of lecturers and dentists from neighbouring countries.

Prof. Seeger Co-Author of Scientific Article

An article entitled "A Modified Conical Cavity for Submillimeter Wave Applications" co-authored by Mr. William Hant of Northrop Electronics Division, California, and Prof. John A. Seeger, presently of the AUB Department of Electrical Engineering, has appeared in the January 1972 issue of IEEE (Institute of Electrical and Electronics Engineers) Transactions on Electron Devices, in New York.

Prof. Obermeyer on Nomadic Societies

A paper by Prof. G.J. Obermeyer, Assistant Professor of Anthropology at AUB, entitled "Leadership and Transition in a Bedouin Society: A Case Study from the Western Desert of Egypt," was read before an international anthropological symposium on nomadic societies in the Middle East held at the American University in Cairo, March 17-21.

The paper dealt with a general description of the key social structural principles which characterize a Bedouin tribe and then, more specifically, centered upon an analysis and understanding of a Bedouin leader in the Western Desert of Egypt during a time in which his society is undergoing a transitional phase from traditionalism to modernity. The main point of the paper was an attempt to conceptualize critical aspects of the social change process by shifting from the level of structural analysis to a consideration of the gifted individual in a politically dynamic society.

"The Desert and the Sown: A

New Conceptualization," was the subject of the Symposium which focussed on contemporary issues and problems related to the incorporation of nomads into the larger society they live in, and their involvement with this society. The main issue was the relationship between pastoralists and non-pastoralists and the resulting pattern of conflict and accommodation in different Middle Eastern societies, rather than the analysis of nomadic society and culture as an isolate.

Some thirteen papers were read dealing with specific and crucial problems of modernization such as sedentarization of Bedouins, resettlement schemes, the rise of political consciousness among nomads, and various government projects which anthropologists have studied among the pastoral peoples of Egypt, Sudan, Saudi Arabia, and Iran. The main discussants of the work of the symposium were Prof. Fredrik Barth of the University of Bergen (Norway) and Prof. Ernest Gellner of the London School of Economics.

In Recognition OF HIGHEST ATTAINMENT OF SCHOLARSHIP 1970-1971

The Dean's Honor List of the Faculty of Arts and Sciences has been announced and distributed. To be eligible for the list a student must (1) be a full-time student, (2) have achieved an average of at least 80, (3) rank in the top ten percent of his class, (4) have no failing grades in courses which carry credit, (5) have no incomplete grades, (6) have no disciplinary action against him, (7) be deemed worthy by the Dean to be on the Honor's List.

Of the 221 students on the Dean's Honor List, the following have attained averages of not less than 90:

Senior Class (49 in all)

Kazazian, Nishan	95
Abouhamad, Mrs. Gisela	92
Heghinian, Miss Sylva	92
Topalian, Hovhannes	91
Yusuf, Miss Suha	91
Matar, Nabil	90
Yazbik-Khuzami, Bashshar	90

Junior Class (62 in all)

Jakaman, Henry	94
Sabri, Miss Amal	93
Tawil, Mark	93
Jamhour, Joseph	91
Abu-Rizk, Nikula	90

Sophomore Class (80 in all)

Akil, Samir	93
Fletcher, Jean	92
Strang, Mrs. Marie Anna	92
Baalbaki, Ramzi	90
Istfan, Nawfal	90

Freshman Class (25 in all)

Sakallah, Karim	93
Elias, Miss Hadieh	90

No special (full-time) students had an average over 90.

Yet Another AUBite In Government Service



The Lebanese Council of Ministers approved last week the appointment of Dr. Wadi Haddad as President (Director General) of the newly created Educational Research and Development Center at the Ministry of Education. He will be on leave from AUB for a period of time to establish the center and put it in operation.

Dr. Wadi Haddad has declared to The Bulletin that the new center will organize and coordinate the Lebanon's educational development through a scientific, comprehensive and integrated approach. The Center is to have three offices:

i. — A "Research Office" which will look after educational planning and research, curricula and examinations.

ii. — A "Facilities and Instruction Materials Office" to study specifications for school buildings, evaluate and whenever needed produce instructional material including textbooks and audio-visual aids, and introduce the idea of educational TV and radio.

iii. — A "Teacher Training Office" to supervise the work of elementary and intermediate teachers colleges, and at the same time organize and execute in-service training programs for teachers, supervisors and school principals.

Dr. Haddad went on to explain that the Center is going to operate on the basis that the Lebanon, being an independent country, can and should without reservations, acquaint itself with what is going on in different countries in the world and borrow with necessary adaptation whatever is convenient for its development.

"However, any meaningful borrowing," he concluded, "will have to be coupled with a comprehensive study of our needs in The Lebanon and our educational and national objectives, and with a clear and well structured educational plan, so that what we borrow does not look like a mosaic but is rather integrated into the national system."

In addition to his AUB post, Dr. Haddad is advisor to the Lebanese Ministry of Education, the Ford Foundation in Beirut and member of various educational organizations and societies, four of which are in USA.

bulletin

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THURSDAY, APRIL 27, 1972

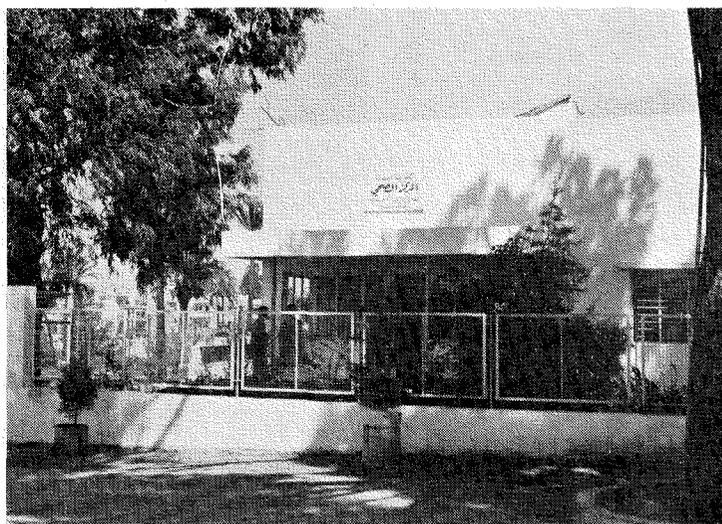
Under Special Grant Received from the Commonwealth Fund AUB Cooperates in Community's Health Progress

The American University of Beirut has announced the receipt of a three year \$400,000 grant from the Commonwealth Fund for use by the Faculty of Medical Sciences. The grant will continue Commonwealth Fund support of two current programs: the training of basic medical scientists for the Middle East, and research and education in community health care. It will also support a new program of visiting faculty members. This grant brings Commonwealth Fund support to AUB since 1968 to a total of \$1 million.

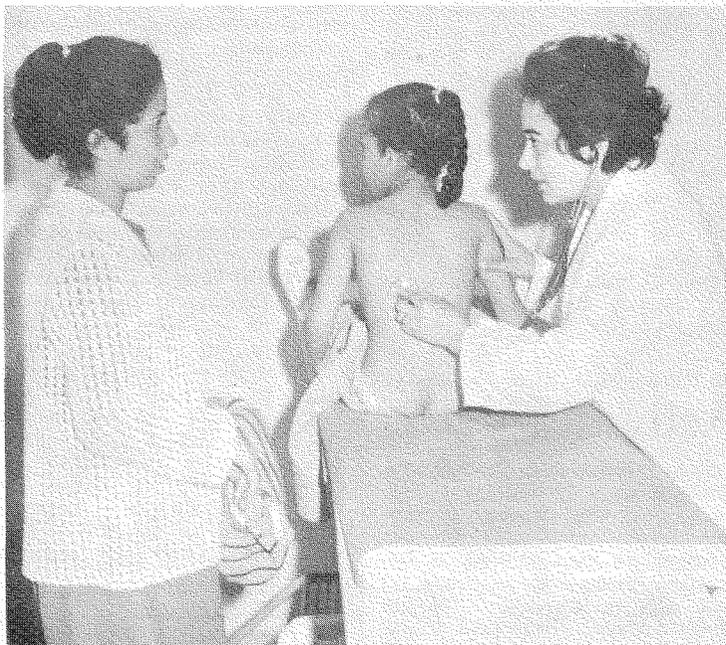
In awarding the new three-year

to these efforts and, in addition, to facilitate the overall development of AUB's regional capabilities—including its work in clinical medicine—through support for visiting faculty."

In acknowledging the current grant, AUB President, Dr. Samuel B. Kirkwood, stated: "The generosity of the Commonwealth Fund makes possible the continued implementation of programs currently underway in the Faculty of Medical Sciences. The educational opportunities and practical experience in medical education and community health care are of the



Mreyjeh Family Health Center



Child Health Clinic

grant, Commonwealth Fund President Quigg Newton stated that the Fund was "deeply impressed by the headway AUB has made in its programs to meet the urgent need in Middle Eastern medical schools for qualified basic sciences faculty; and to pioneer approaches for improving health care services for families and communities throughout the area."

"We are pleased," Mr. Newton added, "to continue our support

to our students and the community in general. The success of the current programs, along with the benefit to our students and the communities served by the programs, makes this grant from the Commonwealth Fund for their continuation most gratifying."

According to Dr. Craig S. Lichtenwalner, Dean of the Faculty of Medical Sciences, the current programs fostered by the original

grant are meeting with a "great measure of success." He added that sixteen students currently enrolled are prospective teachers for existing medical schools in the Middle East. Moreover, the Syrian authorities have asked AUB to help develop a basic science faculty for a medical school to be established in Latakia. The training of basic medical scientists for teaching is one of the most important needs to be met in order to provide for the establishment of badly needed new medical schools in the Middle East.

AUB's program in community health care is designed to present a unified concept in the approach to public health practices. This includes the delivery of comprehensive health services, the use of modern educational methods for those participating in the program, and the improvement of the health care offered to the community through constant research. One important aspect of the program lies in its emphasis on preventive and social medicine. The current operation takes place on three levels: urban, peri-urban, and rural. The urban level program is operated in conjunction with the American University Hospital in Beirut; the peri-urban level operates at a family health clinic in

the town of Mreyjeh, outside of Beirut, and the rural program operates at Ghazieh, near Sidon in south Lebanon. In-service training is an integral part of this program and all public health physicians granted degrees from AUB are required to receive training at the Mreyjeh health center. The new Commonwealth Fund grant will allow for the stabilization of the current program at Mreyjeh as well as for the fuller development of the programs at AUH and Ghazieh.

The grant also will permit the university to initiate a new program. Grant funds will enable medical faculty from other institutions, primarily from the US, to teach at AUB during sabbatical leave from their own institutions. Heretofore, this type of involvement by outside educators has not been feasible because of the financial problems presented in traveling to and residing in Lebanon on normal sabbatical financial allotments. With the Commonwealth grant, however, money is now available to bring additional qualified, interested scholars to Lebanon to participate fully in the teaching, service and research programs in the medical sciences at AUB.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall beginning Sunday, April 30, 9:30 a.m.

AUB HOLIDAYS

There will be NO classes at AUB on the following days next month:

1st May: Labor Day
6th May: Martyrs Day
11th May: Ascension Day (Western)

In The Bulletin of last week, 11th May was erroneously mentioned as Martyrs Day.

Don't miss this delightful fling on Tuesday May 2, at 12:30 noon at the Bristol Hotel. This will be the last meeting of the Women's Association of AUB. The program includes installing new officers, honouring retiring members and a fashion show coordinated by Claire Cowan. "Les Artisans," for evening wear and "Playgirl" for day and casual wear will be featured.

Tickets are L.L. 12 from Mrs. Khuri, 345669.

THE FOLK DANCE FESTIVAL

Sponsored by The American University of Beirut
A Gaily Colorful and Happy Affair

21 colleges, schools and groups participating
Monday, May 1st, 1972,
at 4:00 p.m.

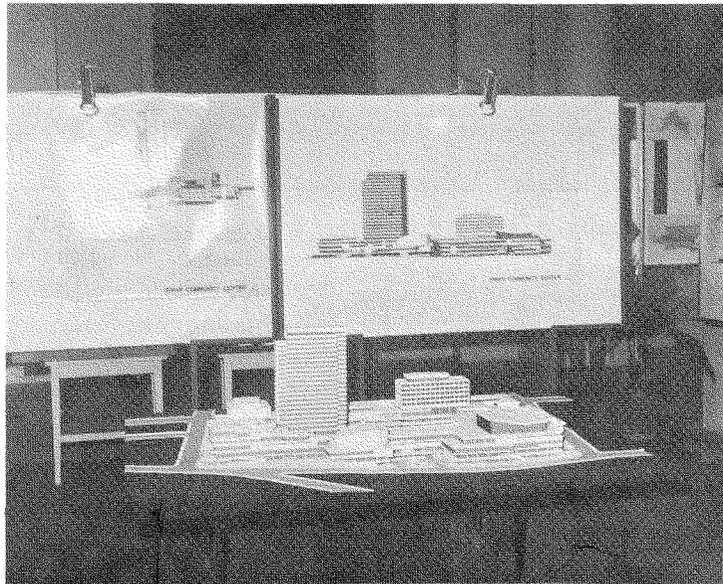
ON THE GREEN FIELD — AUB
TICKETS: L.L. 3.00, 2.00 and 1.00 on sale at West Hall Office.

On Festival Day (May 1st) sales will be at Gates from 2:00 p.m. and on.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

Exhibition of Architecture



Urban Center

Soft music greets visitors as they stroll through the exhibition of projects done by first to fifth year architecture students, at West Hall Common Room held between April 18-22.

It was obvious great pains were taken to present a coherent whole and exhibits were arranged according to the year of study. First year students exhibited meticulously drawn black and white designs.

As one moves through the exhibition, the items on display become more and more complicated in design, applicability and materials used. Particularly attractive are the neatly drawn exterior façades of Lebanese houses.

It is obvious the emphasis is on creativity, original designs and an interesting use of materials: wood, cork, plastic, cardboard, etc., are used either as display pieces or for more complicated projects such as those of the fifth year students who use their imagination to remodel parts of Beirut, or plan the design of a ski resort or the design of a Muslim Theological Center.

It is hoped that it will be possible in future years for architects to fully and successfully apply the training they receive and realise the projects they design when at the University.

Athletic Activities

Athletic activities at AUB, involving students and Faculty members, were at full swing from the first week of the fall semester, announced Prof. Abed Tarabulsi, Director of Athletics.

The Varsity Football, Basketball, Volleyball and Softball teams, led by University Professors and senior athletics officers, were trained and ready by early November. These teams have so far played about 40 games against several colleges, universities and athletics clubs.

The Football season started with the Autumn Cup matches. AUB's eight Intramural teams participated, and the Agriculture team led the group and won the cup.

The new closed court (the Engineering Alumni Hall) was used for the Annual Football, Basketball and Volleyball championships

which followed the Football Autumn Cup.

A plan for Women Physical Education and Athletics was launched in the first week of December. Teams were organized for the girls in Basketball, Volleyball, Archery, Tennis and Track. It is hoped that ten teams will eventually be formed and trained for the Basketball and Volleyball Intramural championships, and four teams in Basketball, Volleyball, Tennis and Track.

Plans for the AUB 78th Annual Fieldday, to take place May 20, and AUB Interscholastic Fieldday are being launched, and it is expected that 150 AUB athletes will participate in these events.

As a result of Prof. Tarabulsi's untiring efforts, the Spring semester will be even richer in athletic events than the Fall semester.

AUB in US PRESS

The "Evening Star" (Washington DC) has carried a story titled "When Lebanese Gather..." "If the University (AUB) sounds obscure to some Americans," the article reads, "it certainly isn't to Senator Charles (Mac) Mathias. Every Sunday of his life he eats his waffers from a commemorative platter bearing the University's image, sent to him by a Marylander who attended the School (AUB)."

Both the Torrington (Conn.) Register and the Englewood (N.J.) Press Journal carried a UPI article on the doomed Bedouin traditional way of life as a result of urban growth.

Professor Gerald Obermeyer, American anthropologist and lecturer at AUB, thinks the Bedouins are settling down and, as an integrated economic system, they are declining. No government has ever been able to take a census of the Bedouins, who move four to seven miles a day. Lebanese anthropologist Professor Fuad Khoury says many Bedouins in Syria have taken jobs in a cement factory and about 18% of the tribesmen in Jordan have already settled in villages.

The Scrantonian (Scranton, Pa) reproduced an AP interview with Mrs. Leila Da Cruz, "a graduate of AUB, and housewife turned editor-in-chief" of Youth Publications translated into Arabic — Superman, Flash Gordon, Tarzan, Little Lulu and Batman.

Mrs. Da Cruz took up the comic book specialty after being hired by a local firm in 1964 to translate a couple of books for children about the space-age and the history of aircraft. She then became aware of a lack of good leisure-time reading for youngsters.

Her husband, Mr. Daniel Da Cruz, is a long-time American born resident of the Middle East who writes novels and miscellaneous articles.

The Denver Post and the Rocky Mountain News of Denver, Colorado said Dr. Hrant Khatchadourian, an honor graduate of the AUB, gave four illustrated lectures for Stanford University Alumni recently in Denver, Colorado, USA, on the topic "Human Sexuality: Sense and Nonsense." Dr. Khatchadourian now an associate professor of psychiatry and member of the human biology faculty of Stanford University, has been on its Medical School faculty since 1966, coordinating its psychiatric residency program.

MEMA - Medical Problems of Modern Times



Dr. N. B. Myant



Prof. G. M. Carstairs

The 22nd Middle East Medical Assembly (MEMA), which will be held at AUB, May 4-7, 1972, will address itself in the Plenary Sessions to the foremost medical problems that face humanity in our times.

These are drug addiction, aging and the big killers (cancer and atherosclerosis). We are all aware that the problem of drug addiction is increasing at an alarming pace. More and more people, especially in the younger age groups, are taking drugs. At the Assembly, drug addiction will be discussed by Prof. G.M. Carstairs and Prof. A. Manugian. Prof. Carstairs, from the University of Edinburgh, University Department of Psychiatry, will discuss personality factors and social problems in drug addiction, while Prof. Manugian (AUB) will highlight some of the problems of drug addiction in Lebanon.

With the improvement of social and medical standards throughout the world, the mean age of the population is rising and a significantly increasing proportion is in the elderly age group. Aging thus presents a new dimension of medical practice as it poses new problems and new challenges. Professors W. Ferguson Anderson, J. Walton and A. Afifi will discuss some of these problems. Prof. Afifi (AUB) will briefly outline the changes of aging in the cells. Prof.

Anderson, Chairman of the Department of Geriatrics in Glasgow, Scotland, will talk about the practical approach to the problems of the aged. Prof. Walton, Head of the Neurological Center at Newcastle-upon-Tyne, England, will consider the manifestations of aging of the nervous system. This plenary session on aging will be followed by a seminar on diseases of the aged where more specific problems will be emphasized. Prof. Anderson will discuss the medical problems of the aged, and the aged in society. Professors Manugian, Fuad Dagher, and Camille Matta, all of AUB, will talk about "mental health," "surgery" and "eye diseases" in the aged, respectively. With the discovery of antibiotics and chemotherapeutic agents, many of the infectious diseases have been controlled.

This has led to an increase in the proportion of elderly people and consequently in deaths resulting from cancer and atherosclerosis. Dr. Philip Salem (AUB) will speak of cancer in general: the possible predisposing factors, etc., and Dr. N.B. Myant of Hammersmith Hospital in London will discuss atherosclerosis (hardening of the blood vessels).

The attendance at the forthcoming Middle East Medical Assembly is expected to be heavy. Physicians from all over the Middle East are planning to attend.

Simplifying Arabic

Prof. Fuad Hanna Tarazi of the Arabic and N.E.L. (Near Eastern Language) Department, Faculty of Arts and Sciences, has been conducting a research project on "Ways and Means of Simplifying and Modernizing Arabic."

The project is divided into three main parts: Grammar, vocabulary and writing system.

The part relating to grammar has been completed. It includes chapters on parts of speech, word-

structure, inflections and causation theory.

The main objective of the second part now underway is the study of the meanings of sample words as they appear in Arabic lexicons, and their relevance to their stem words on the one hand and the needs of modern life on the other.

The study of the writing system will be undertaken on completion of the second part.

Prof. Hallab on Bread Enrichment

The Lebanese Research Council awarded this year a grant of L.L. 20,790 to AUB's Faculty of Agricultural Sciences. This grant will be used by Prof. Abdul Hamid Hallab of the Food Technology Department for studies in bread supplementation and enrichment.

The Food Technology and Nutrition Department has been conducting for the last two years a research project whose aim is to alleviate nutritional deficiencies in protein, iron, and certain vitamins in the diet of Middle Eastern population, including Lebanon.

The research project was undertaken by AUB after nutritional surveys carried out by international and local agencies pointed to the inadequate amounts of good quality protein, iron, and certain vitamins in the diet of people in the area. The surveys showed that the groups most affected are the children of low income families who constitute the majority of the population. These nutritional inadequacies were found to lead to serious nutritional disorders.

After looking into statistics showing that in low income groups as much as 80 percent of total calories are derived from bread, the Food Technology and Nutrition Department chose bread as the vehicle of protein, iron, and vitamin supplementation and enrichment.

Studies are now focused on supplementing bread with protein derived from local products such as chickpea or soybean, and on en-

riching bread with iron, vitamin A and riboflavin.

The preliminary results of the research indicated the following:

1. Bread supplemented with 4-6 percent soybean flour was nutritionally superior to that of regular bread.
2. Chickpea flour could be added up to 20 percent level to enhance the nutritional value of bread without affecting the taste, color and texture of bread.
3. Two iron compounds were found to be the most suitable for enrichment, Ferric Ammonium nitrate and reduced iron, which when added at the rate of 66 milligram/kg. of flour (adequate amount of iron in the diet based on consumption of individual of 300-400 grams of bread a day) did not cause an alteration in color, flavor or texture of bread.
4. Preliminary analysis of the cost revealed an estimate of 3-4 Lebanese piastres increase per kilogram of bread. Supplemented bread will accordingly be the cheapest food to contain adequate amounts of protein, iron, vitamin A, and riboflavin.

The results of these investigations will be made available to the Lebanese National Research Council as a possible basis for legislation and Nation-wide bread supplementation program.

Pfizer Award For Chemical Research

Professors Costas H. Issidorides and Makhluif J. Haddadin of the AUB Department of Chemistry have recently been awarded a continuation of the research support provided for some years now by the Charles Pfizer Company of Groton, Connecticut, USA. The announcement of the grant came in a letter from Dr. W.T. More-

land, Pfizer's Director of Chemical Research, addressed to AUB Provost Samir Thabet. Profs. Issidorides and Haddadin have held Pfizer grants for five years, and Pfizer funds have assisted the work of a large number of graduate students whose research led to the publication of approximately ten papers.

AUB English Dept. Serves Regional Needs in English Studies

A conference of teachers of English in Universities and Colleges in the Lebanon is to be held at the American University of Beirut on Saturday May 6. Invitations to attend this conference have been sent by the AUB Department of English in collaboration with the Association of University Teachers of English in the Arab World.

As a first inter-University English venture, the conference is ex-

pected to provide a much-needed forum for the exchange of ideas and information and to prepare the way for a series of future conferences. It will also help to consolidate the plans of the newly formed Association of University Teachers of English in the Arab World.

It is very much hoped that participants will keenly contribute to the growth of mutual professional awareness among teachers of English in the Lebanon.

Alumni Asked To Give Financial Support

More than 7,500 AUB Alumni will receive in the mail in the next ten days a letter urging their financial support of their University. The objective of the campaign headed by Basim Faris, AUB '25, President of Arabia Insurance, is to enlist the 100% support of all AUB Alumni. The University has announced that all gifts received from Middle East Alumni will be matched under a special grant from the Rockefeller Foundation which will have the effect of doubling each donation. Contributors may designate their contributions to scholarships or student loans, the general support of the AUB program, or to a project of their choice.

Another letter signed by Dr. Ibrahim Mufarrij, AUB '48, has been sent to a select group of concerned alumni. Dr. Mufarrij is Chairman of the "Committee of 600" which seeks 600 friends of the University prepared to give L.L. 1,000 or more for each of the next three years. These funds will greatly assist AUB to meet its program commitments which are threatened as costs of higher education rise. Individual contributions, whether L.L. 50 or L.L. 50,000 will also be matched in equal amount by the Rockefeller matching grant. Alumni in North America have already contributed \$22,517 to the campaign.

Anticipating greater demand for scholarship aid and student loans, the campaign appeal is especially directed to alumni who received scholarship aid themselves at AUB, and who may now be in a position to help an AUB student. More than 50% of all AUB students receive some form of financial support, but in all too many cases funds are inadequate to meet the need.

Centenary Tribute To J.M. Synge



J. M. Synge

Sunshine and the Moon's delight, which was edited by Prof. S.B. Bushrui as a Centenary tribute to John Millington Synge (1871-1909), is a collection of profound essays which demonstrate the universal appeal of J.M. Synge's writings and their worldwide felt influence.

The collection consists of essays dealing with specific works (drama, poetry and prose) as well as with general studies of Synge as man and artist. It includes a survey of recent work on Synge, a Synge glossary, and finally—a valuable section for literary scholars—an up-to-date bibliography.

Printed by AUB and Colin Smythe of London, the volume is described as originating "from the oldest 'modern' university in the Arab world," and the contributions come from many countries—Canada, France, Germany, Great Britain, Ireland, Japan, Jordan, Syria and the United States.

The book brings together in one volume some of the different kinds of work being carried out at present in the field of Synge studies. It has become of value to scholars and an indispensable reference work for students at schools and universities.

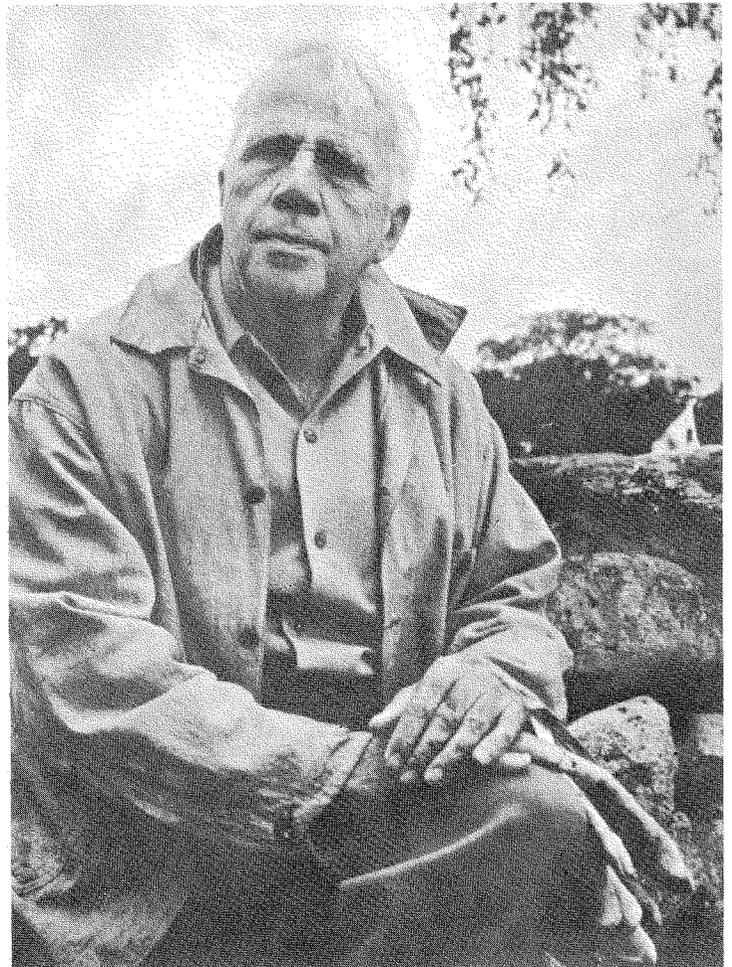
The American edition of the book has just been published in USA by Barnes and Noble of New York and is described as the "most valuable reference work on J.M. Synge."

AUB Professors John Munro and Suheil Badi Bushrui have both contributed to the collection; the first on "J.M. Synge and the Drama of the Late XIX Century" and the second on "Synge and Yeats."

Prof. Bushrui, whose main interest is Anglo-Irish literature, was awarded the Una Ellis-Fermor Prize in 1963 for his work on W.B. Yeats, on whom he has already published four books.

Prof. Bushrui is on the Executive Council of the International Association for the study of Anglo-Irish literature (IASAIL); Chairman of the Synge Centenary Committee (Lebanon); and President of the Association of University Teachers of English in the Arab World.

Dr. Calvin H. Plimpton Patronizes Frost Centenary



Robert Frost

**And were an epitaph to be my story
I'd have a short one ready for my own.
I would have written of me on my stone:
I had a lover's quarrel with the world.**
From "The Lesson for Today," *A Witness Tree*.

The English Department, in looking ahead to 1974, the one-hundredth anniversary of the birth of American poet Robert Lee Frost (1874-1963), has begun preparations for commemoration activities at the American University of Beirut. From the publication of his first book of poems, *A Boy's Will*, in England in 1914, Frost received international popular and critical acclaim. He relished his role as mentor to aspiring students of creative writing and eventually assumed an unofficial role as "poet laureate of the United States."

The convocation marking the Frost Centenary will take place during the spring term of 1974 under the patronage of Dr. Calvin H. Plimpton, Chairman of the University Board of Trustees, and until recently President of Amherst College where Frost had taught

for a few years. At the present moment, members of the supporting committee include Professors Suheil B. Bushrui and Jack Capps of the English Department. AUB faculty members interested in participating in the planning and presentation of the celebration should contact Prof. Bushrui, AUB extension 2406.

The Department of English has already started preparations for the coming event. A "Robert Frost Exhibition" was arranged in Jafet Library on April 13 last by Prof. Jack Capps of the AUB Department of English. Prof. Capps delivered the opening remarks and Miss C. Heditzian of the John F. Kennedy American Center presented Frost volumes to the University Library. A film on Robert Frost was shown, and Prof. S.B. Bushrui made the announcement of the Frost Centenary.

American University of Beirut bulletin

VOLUME XV, No. 25

THURSDAY, MAY 4, 1972

Third Middle East Dental Assembly

The Professional man has no right to be other than a continuous student.

G. V. Black

The Minister of Public Health, Dr. Salah Salman, represented His Excellency the President of the Republic, Mr. Sleiman Franjeh at the opening of the Third Middle East Dental Assembly at 9:00 a.m. on Thursday, April 27 in West Hall, AUB.

The opening ceremony was attended by Dr. Craig Lichtenwalner, Dean of the Faculty of Medical Sciences, Vice President George Hakim, a number of senior dental surgeons and deans of faculties of dentistry in the Arab countries, USA and Europe, and a large group of dental surgeons, among them 200 from the Lebanon.

H.E. the Minister of Public Health, Dr. Salman, said in his opening speech:

"I am personally pleased to participate in this important scientific occasion which attracted a select group of famous dentists with different backgrounds and subspecialties. I was very pleased to learn that among the participants there are many from the neighboring countries and some of Lebanese origin of whom the Lebanon is very proud.

"Dentistry with its preventive and curative aspects has proved its importance in health care and in the integrated approach to the handling of complicated problems in and around the oral cavity.

"Thanks to scientific research and scientific meetings and discussions the health sciences have progressed markedly and gotten closer to their ultimate aim of protecting man and providing him with a good state of mental and physical health necessary to help him face the challenges and demands of modern days.

"In spite of its relative small size, Lebanon has given the world many investigators in the expanding fields of health sciences. Lebanon is proud of their achievements, no matter where they are. I greet you all in the name of His Excellency the President of the Republic, and I thank the members of AUB Alumni Association and the fellows of the International College of Dentists who have or-



The Minister of Public Health, Dr. Salah Salman, cutting the traditional ribbon, watched by Dean Craig Lichtenwalner, Dr. C. Haddad, Dr. J. Tamari,

ganized this meeting. I also thank the guest speakers and the participants who have accepted the invitation to talk or participate.

"Last but not least, the Lebanon appreciates the fact that the American University of Beirut is always willing and ready to host scientific meetings, held for the sake of Science, the Lebanon and the whole Middle East."

Dr. Lichtenwalner, Dean of the Faculty of Medical Sciences followed by reading a telegram addressed to the Assembly by the President of the American University of Beirut, Dr. Samuel B. Kirkwood, on a trip to USA, who welcomed the speakers and dentists attending the meeting, and wished them success.

Dr. Lichtenwalner spoke on behalf of AUB and the Faculty of Medical Sciences. He praised the efforts of the active group of dentists who organized the Assembly and addressed a special word of thanks to participants and speakers, hoping the interchange with colleagues and the opportunity to know AUB and the Lebanon will justify their efforts.

Dr. Cedric Haddad, Chairman of the Middle East Dental Assembly delivered the final address in which he thanked His Excellency President Franjeh for patronizing the Assembly, and welcomed the speakers and participants.

Dr. Haddad expressed his belief that the lectures and discussions at the Assembly will be of much value to "Dentistry in the Seventies." He highly praised the

efforts of Dr. Joseph W. Tamari and the organizing committee.

The Minister of Public Health, Dr. Salah Salman, then cut the traditional ribbon and thus inaugurated the special exhibition which included a large variety of the most up-to-date medical equipment and instruments displayed by a group of international firms and manufacturers.

450 dentists from all over the Middle East and other parts of the world attended the Third Middle East Dental Assembly. All Dental Schools of the area were represented by their Deans and a large number of their staff, and also the associations of dentists in all Arab countries. The speakers, who came from USA, UK, Switzerland, Germany, France and the Arab world, included eight speakers of international repute—three of them were sponsored by the International College of Dentists.

Mr. Norman L. Rowe, the famous English oral surgeon, was the first speaker on the programme and he gave a magnificent display of maxillo-facial surgical procedures. He was followed by Dr. Raoul Boitel from Switzerland and Dr. Hans Herrmann from West Germany. The first morning session established the international importance of the Assembly.

In the afternoon the subject of Implantology was covered by Dr. Ted Lee of San Francisco; Dr. Weiss and Dr. Esatoglu from Lausanne, Switzerland, participated. The overall conclusion reached at this symposium on Implantology

was this: for any implant case to succeed it has to be made by people who are THOROUGHLY TRAINED to do it. In this field there is no room for compromise and no half-way measures. The implant case has to be well chosen, and the operator has to be well trained. Without these two main criteria failure is bound to be encountered and the reputation of implantology is bound to be prejudiced.

In the following days, Dr. André Brunel from the Paris Faculty of Medicine spoke on Root Canal Treatment, Dr. Erickson (U.S.) on Practice Management, and Dr. Pokorney (U.S.) on the Prevention of Rheumatic Fever.

Dr. Wadi Sawabini, who graduated from AUB Dental School in 1940 (its last graduating class) and who is now Associate Professor at the University of Vermont, returned to his Alma Mater to lecture on Preventive Dentistry. This was a great moment for Dr. Sawabini and his sense of belonging to AUB was rewarded by the applause of his West Hall audience.

Dr. Harold Perry, Professor and Chairman of the Department of Orthodontics at Northwestern University Dental School spoke on the Temporomandibular Joint Dysfunctions and captured his audience with an unusual exuberance of scientific facts and a lot of humour.

The lectures of Dr. A. Haddad from TUFT's University Dental School, and Dr. James Esper from Worcester, Mass., both of Lebanese origin and coming to the Lebanon for the first time, were indeed well received.

Lecturers from the dental schools of Baghdad, Cairo and Alexandria gave a splendid show of educational material, and speakers from the Lebanon included dentists of the Military Hospital who presented two unusual cases.

Dr. J.W. Tamari spoke on Oral Rehabilitation and drew the congratulations of international speakers and the applause of the audience. The last afternoon was reserved for demonstrations and table clinics which were very heavily attended.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, May 7, at 9:30 a.m.

The Department of Religious Studies at the American University of Beirut invites you to attend a lecture by Dr. Kenneth Cragg on
ISLAM AND THE END OF THE CENTURY (A.H.)
Reflections and Hopes
May 11, 1972
at 8:00 p.m.
in the Lecture Room of West Hall, A.U.B.

May 11 is NOT an AUB holiday as mentioned in last week's Bulletin. The error is regretted. The banks in Lebanon, however, will be closed on May 11 (Ascension Day—Western).

THURSDAY — SUNDAY,

May 4-7, All Day

— MIDDLE EAST MEDICAL ASSEMBLY, West Hall — All Rooms. By Registration.

The Folk Dance Festival, which was scheduled to take place on May 1st, 1972 had to be postponed to May 7, next Sunday, due to weather conditions.

Tickets already purchased for May 1st remain valid for the Festival on Sunday, May 7, 4:00 p.m.

When AUB Varsity teams went to AUC a few weeks ago, each university won a fair number of games. The results of those matches were:

Football — AUB, 1-0

Basketball (men) — AUC, 57-53

Basketball (women) — AUC, 22-21

Volleyball (men) — AUC, 3-1

Volleyball (women) — AUB, 2-1

Tennis — AUB, 2-1

The AUB must have felt more at home on their fields and courts, because the return matches played here against AUC on April 27 resulted in an overall victory for AUB, except in tennis, where AUC won, 4-1. Other scores were football, 5-2; women's volleyball, 2-0; men's volleyball, 3-0; and women's basketball, 42-22. Men's basketball, played on April 29, scored AUB, 44-36, but the game was not finished due to interference from the public.

Special Summer Programs

Special summer programs for 1972 have been announced by Prof. L.P. Cajoleas, director of the Division of Extension and Special Programs.

— The Librarians Institute, on "COLLEGE AND UNIVERSITY LIBRARY MANAGEMENT AND ADMINISTRATORS," will consist of lectures by key personnel from the AUB libraries along with specialists from other AUB administrative offices. It is a four-week program, starting July 12, with Mr. Ritchie Thomas as coordinator.

— The 1972 Colloquium for University Administrators (a two-week program from July 19-August 2) with Dr. Habib Kurani, Professor Emeritus, as coordinator, will be on "EXPANSION OF HIGHER EDUCATION IN DEVELOPING COUNTRIES: CAUSES, CONSEQUENCES, AND CONTROL." Administrators from Middle East universities will examine, among other things, higher education in the area, its development and trends and consequences, and the rapidly accelerating pressure for enrolment.

— Two secondary teachers' institutes, each of six-week duration, will be offered; one on the "TEACHING OF ENVIRONMENTAL SCIENCES," will be jointly coordinated by Dr. George Zarour and Dr. Yacub Namek; the other, on the "TEACHING OF MODERN MATHEMATICS," will have Dr. Wadi Haddad as coordinator.

— A special six-week "WORKSHOP FOR SUPERVISORS AND CENTRAL OFFICE ADMINISTRATORS," with Dr. Nathir Sara as coordinator, will be concerned with educational administration, in-service education of teachers, and curriculum improvement.

— A concentrated three-week program, meeting all day, which will again be held at a hotel just outside of Beirut will discuss the "MANAGEMENT DEVELOPMENT PROGRAM" and is being organized by Dr. Nabil Shaa'th.

The Division of Extensions and Special Programs, ext. 2204, can be contacted for further information.

The AUB Bulletin is the official news publication of the American University of Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

Prof. George D. Sherman of AUB

THE REGENTS OF THE UNIVERSITY OF MINNESOTA
AS A TOKEN OF HIGH RESPECT AND
IN RECOGNITION OF NOTED PROFESSIONAL ATTAINMENT BY
George D. Sherman
DISTINGUISHED GRADUATE OF THE UNIVERSITY OF MINNESOTA
CHAIRMAN, DIVISION OF SOILS AND IRRIGATION,
AMERICAN UNIVERSITY OF BEIRUT
INVESTIGATOR OF BASIC PRINCIPLES ON THE CHEMISTRY OF TROPICAL SOILS
RESEARCHER RESPONSIBLE FOR SIGNIFICANTLY IMPROVING
HAWAIIAN SUGAR YIELDS
DEEM HIM TO BE WORTHY OF SPECIAL COMMENDATION FOR
OUTSTANDING ACHIEVEMENT
CONFERRED ON MARCH EIGHTEENTH, NINETEEN HUNDRED AND SEVENTY-TWO

Robert D. Byrnes
SECRETARY

Malcolm Hoar
PRESIDENT

Award for outstanding achievement.

Prof. George D. Sherman, chairman of the Department of Soils and Irrigation and professor of Soils in the Faculty of Agricultural Sciences, recently was presented with the University of Minnesota Award for Outstanding Achievement in recognition of his distinguished work over the last thirty years. (Bulletin No. 20 of March 23, 1972).

Before coming to AUB Prof. Sherman had served for twenty-five years as Director of the Soils Department at the University of Hawaii where he built up the department to one of the six best schools for soils in the world and the best one in tropical soils. "Graduate students of the school are found all round the world, and especially Asia," Prof. Sherman has told the Bulletin.

That was only one of the academic achievements of Prof. Sherman. Between 1949-50 he was asked to set up a fruit-processing plant in Hawaii. "It has now become a Department specializing in tropical fruits, with more than fifty specialists working in it," he said.

After studies in Hawaii on the genesis of tropical soils—how they are formed and managed—Prof. Sherman initiated the use of calcium silicate in the nutrition of sugar cane. As a result of this, the sugar yield of plantations where calcium silicate was used rose first by 30 percent then later by almost 100 percent. Similar methods were

also employed in pineapple plantations, and their yield also increased over the years by about 100 percent.

During his work at the University of Hawaii, Prof. Sherman discovered large deposits of bauxite which are estimated to yield enough bauxite to run three big plants for 50-100 years.

Prof. Sherman retired from the University of Hawaii three years ago and has since been with AUB.

"Work here is going on very well," he said. "We are now working with the Lebanese Agricultural Research Institute on a co-project trying to translate some of the work I did in Hawaii for the conditions prevailing here. We are also working on a soil sampling project. We have already collected about 140 soil samples from Bekaa, South Lebanon and North Lebanon, and are now collecting samples from the mountains." This three-year project "Application of Soil Mineralogy of Soil Fertility and Management of Lebanese Soils," is financed by the Lebanese Council for Scientific Research.

Professor Sherman earned his Bachelors and Masters in Soils at the University of Minnesota, and his doctorate from Michigan State University. The above Award came as a recognition of his contribution to the promotion of science and its application for the welfare of mankind.

AUB Prof. Contribution of "Landmark Proportion"

Dr. Rashid M. Dajani, AUB Associate Professor of Pharmacy and Pharmaceutical Chemistry who is at present spending his furlough at the College of Science and Technology, University of London, travelled to the U.S.A. to participate in a conference on "Alcoholism and the Central Nervous System" which was organized by the "National Council on Alcoholism" (U.S.A.) on April 11-12 at Kansas City, Missouri. In his letter of invita-

tion to Dr. Dajani, the Medical Director of the National Council said: "We feel that your contribution has been of such landmark proportion that the conference would severely suffer without your contribution." Dr. Dajani presented a paper and also participated with five other authorities in the "Panel on Isoquinoline and other Morphine-Like Substances" in relation to alcoholism.

Richard Daniel Cummins Dies

Word has just been received in the Beirut Community of the death of Richard Daniel Cummins, a Foreign Service Officer in the US Department of State and son of Mrs. Michael Cummins, Librarian at the American Community School. Mr. Cummins was graduated from the American University of Beirut in 1965, and served for six years in the Foreign Service. His most recent assignment was in Washington D.C.

Mr. Cummins was born in New York City in 1942. He was the only son of the late Michael Cummins, a long time resident of Beirut and a member of the administrative staff of the University.

Services will be held at the Chapel, American University of Beirut, Friday, May 5, at 10:30

a.m. The Reverend Robert Walker and Father John Donahue will conduct the service. Pallbearers will be Messrs. Nabil Adil, George Basil, John Bassili, Clark Griswold, Hani Abul Jiben, Samir Klat, Michael Majdalany, Peter Shebaya, Khaldoun Soubra and William Tracy. Interment will be at the Anglo-American Cemetery.

In lieu of flowers, Mrs. Michael Cummins, mother of the deceased, has requested memorial donations to Father Roberts Home and School for Deaf Boys to be sent in care of Mr. John Gill, College Hall, American University of Beirut.

Mrs. Cummins is receiving friends Wednesday, Thursday and Friday, 4:00-8:00 p.m. at the Monniers' residence, AUB Campus.

AUB Alumni Association of N. America

At the annual meeting of the AUB Alumni Association of North America, attended by over 125 alumni and friends, three directors and a slate of officers were elected, and Mr. Victor H. Bisharat (AUB 1940), a noted architect, was the guest speaker. The meeting, on April 27, took place at the Carnegie Endowment International Center in New York City.

The three directors, elected to three-year terms, are Dr. Nicola N. Khuri (B.A. '52) and Dr. Zuhayr A. Moghrabi (former student, 1949-1950), both former directors elected to new terms of office, and Mrs. Abdul-Hamid Sharaf (B.A. '59, M.A. '65), newly elected.

The Association officers remain the same: Dr. Jamal A. Sa'd, president; Dr. Sami Hashim, vice-president; Mrs. Christine Mortensen, secretary; and Mr. Robert Saba, treasurer.

Mr. Bisharat spoke on "Architectural Thoughts" and his talk was accompanied by an excellent series of slides. His premise is that architecture should be a representation of man: individual, yet in-

terrelated. He views the future development of architecture as an artistic reflection of the society of man.

Among those attending the Annual Meeting were: Mr. and Mrs. Abdul-Hamid Sharaf, permanent representative of Jordan to the U.N.; Mrs. Salwa Khanachet, wife of the envoy extraordinary and minister plenipotentiary of the Kuwait permanent mission to the U.N.; Mrs. George Tomeh, wife of the permanent representative of the Syrian Arab Republic to the U.N., and Mr. Thangkima Cherpoot, second secretary of the permanent mission of India to the U.N.

Three trustees of AUB were also present: Mr. Alfred H. Howell, Mr. Howard Page, and Mrs. Frank R. Smith. In addition, Dr. Robert W. Crawford, vice-president of AUB also attended, as did Miss Helen Braun, formerly the secretary to the Board of Trustees and coordinator of alumni affairs in the AUB New York Office.

Dr. D.S. McLaren on Nutrition

On a two-week tour of the east-ern U.S., Dr. Donald S. McLaren, AUB professor of clinical nutrition, shared with U.S. colleagues the latest research findings in the field of nutrition at AUB.

During his tour, Dr. McLaren gave lectures and conducted seminars related to nutrition at a number of universities and hospitals, including a series of lectures at Johns Hopkins University on re-

cent AUB research developments in nutrition.

Research programs financed by the National Institutes of Health (NIH) have enabled much research work to be done at AUB. Dr. McLaren visited the NIH to discuss continued support for these programs. He also visited the Agency for International Development (AID) to discuss possibilities of a new grant support for nutrition research at AUB.

Two US Doctors Awarded Lebanese Order of the Cedars



Dr. Samuel P. Asper



Dr. David E. Rogers

Dr. David E. Rogers and Dr. Samuel P. Asper were recently awarded the Lebanese Order of the Cedars, Officer rank. Mr. Najati Kabbani, Lebanese Ambassador to the United States, said in making the award at an informal dinner at his residence in Washington, D.C. that the honor was being conferred on Dr. Rogers and Dr. Asper because of the distinguished services which they had rendered to science, the American University of Beirut, and to the Lebanon.

Both Dr. Rogers, the former Dean of the Medical School at Johns Hopkins University, and Dr. Asper, Vice President for Medical Affairs at Johns Hopkins Hospital, have taken an active role in the implementation of an exchange program between Johns Hopkins University and AUB. The program, which is funded by a grant to Johns Hopkins University from the Commonwealth Fund of New York City, has been in operation for nearly eight years. In this program, senior medical staff from the Johns Hopkins University School of Medicine have come to AUB, usually for periods of three to four months to serve as members of the Faculty of Medical Sciences and the American University Hospital, and senior AUB medical staff members have gone to Johns Hopkins to conduct research and serve as staff members at the Johns Hopkins University School of Medicine. In addition, senior residents at the American University Hospital have been able to go to Johns Hopkins to

conduct research usually for periods of one year.

Dr. Rogers was born in New York City and graduated from Ohio State University. He received his M.D. from Cornell University in 1948. He has served as Chief Resident Physician at New York Hospital and then associate professor of Medicine at New York Hospital-Cornell University Medical Center, professor of Medicine at Vanderbilt University in addition to Vice President and Dean of the Medical School at Johns Hopkins. Dr. Rogers was recently named president of the Robert Wood Johnson Foundation of New Brunswick, New Jersey.

Dr. Asper is a native of Oak Park, Illinois. A graduate of Baylor University, he received his M.D. from Johns Hopkins University in 1940. In addition to his present position as Vice President for Medical Affairs at Johns Hopkins Hospital, Dr. Asper has been a fellow in Medicine at Harvard University, Resident Physician at the Johns Hopkins University Hospital, and professor of Medicine at Johns Hopkins.

Guests for the occasion included Ambassador and Mrs. Parker T. Hart, AUB President Dr. Samuel B. Kirkwood, Mr. and Mrs. Talbott Seelye, Mr. and Mrs. Andrew Kilgore of the State Department's Near East Affairs Office, Mr. and Mrs. Mark Keshishian, Dr. and Mrs. Zeki Shakhshiri, Dr. and Mrs. Assad Khuri, Dr. and Mrs. Majid Khadduri, and Dr. and Mrs. Shukri Khoury.

THEFTS

Several incidents of thefts of personal belongings and University property have occurred on campus. Many of these incidents were due to some carelessness in leaving doors or desks or closets unlocked.

The Director of Personnel, Mr. Farid A. Fuleihan, urges all personnel to make sure that their

doors are closed during their absence, and to deposit their valuables in a safe place.

Moreover, everybody is reminded that thefts should be reported in writing and at once to Protection and Safety.

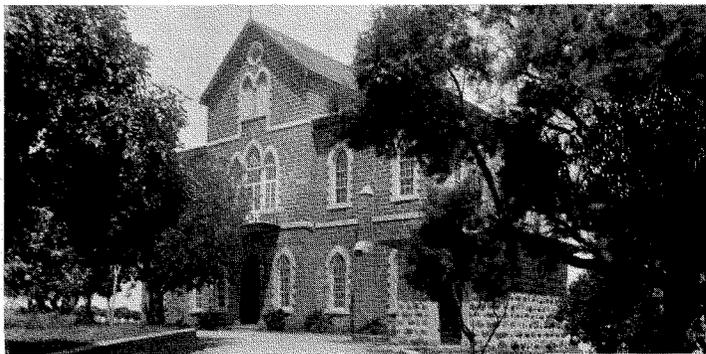
Everybody's cooperation is strongly urged.

The New Medical Center - Striking Example of International Cooperation

The already completed Phases I and II of the AUB New Medical Center now await the completion of Phase III which, to quote President Samuel B. Kirkwood, represents critical elements which bind the entire Medical Center together as a unit.

In order to report on the progress of Phase III, the Bulletin went to see Mr. Joseph Gill, Project Manager, who supplied the information in this article.

The design and construction of the Center's three phases have involved the closest consultation and coordination among governments, agencies, institutions and business groups located in separate countries and thousands of miles apart. It would be difficult to find a more striking example of creative international cooperation than this project for the building of the most modern and functional Medical Center in the Middle East.



Old Medical Building.

The construction of the Center is being financed by AID, the US government "Agency for International Development," and will cost about \$30,602,000.

The fundamental design was the work of Haines Lundbergh and Waehler, while the construction drawing was done by Dar-el-Handasah.

Perhaps it is fitting to say that all indications point to the matchless and broad influence which the completed Center will have on the standards of health in the region.

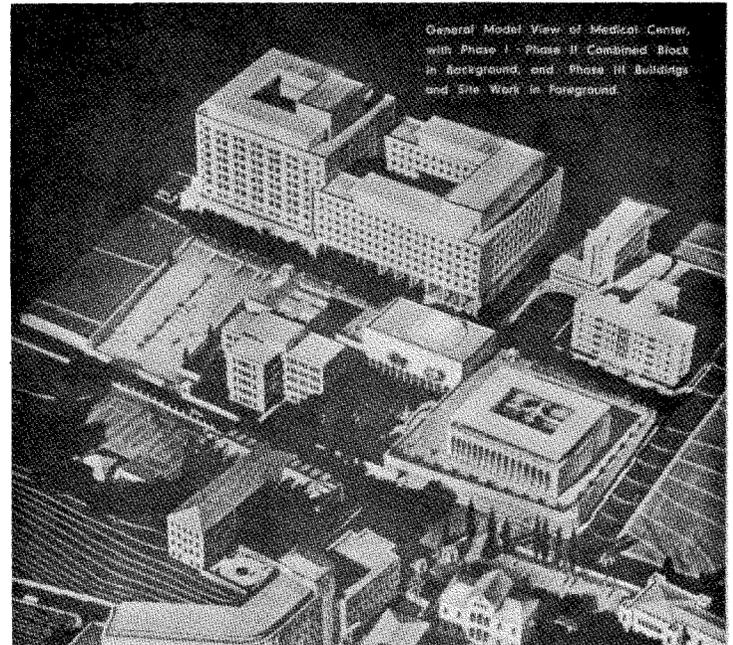
Phase I, which was started in 1964 and completed in 1967, is the research and clinical teaching building. It includes the Out-Patient Department (OPD), Private Clinics, Physiotherapy, X-ray, and laboratory research sections. Phase II, which is physically connected to Phase I, is a 450-bed teaching hospital. This structure was started in 1966 and completed in 1970. The two phases are primarily devoted to research, teaching, and service in the vital clinical areas of preventive and curative medicine.

Phase III, however, will unify and strengthen the Faculty of Medical Sciences as a whole by the addition of essential supporting and supplementary facilities. The construction of this last phase, which was started in October 1970, is now proceeding very rapidly. It gives scope and depth to the entire program by modernizing and expanding facilities for basic sciences and other medical disciplines—all of which are essential to a comprehensive approach to education in the health sciences. It includes surface and underground parking facilities for almost 650 cars, housing for residents and interns, nurses school and housing, a new Basic Science Building—just inside the Medical Gate and adjacent to the Old Medical Building and Van Dyke Hall—for the Departments of Anatomy, Histology, Physiology, Biochemistry and Pharmacology, and the renovation

of the Old Medical Building for the Administrative offices of the Faculty of Medical Sciences.

The proud Old Medical Building was constructed in 1872 and is the oldest medical school building east of Suez in the Middle East. As such, it stands for many cherished traditions while the subtle Arabic features of its sturdy construction lend distinction and character to the campus entrance. Needless to say that plans for its demolition have been viewed with dismay by those who wish to preserve the ancient landmarks and monuments of the past. Moreover, studies have shown that it can be preserved and is amenable to safe and effective renovation. Its location near the geographic center of the Medical Center complex makes it an ideal site for the administrative offices of the Faculty of Medical Sciences.

The renovation of Van Dyke Hall to house the schools of Pharmacy and Public Health provides for the equipment of this building with heating and air-conditioning, as it is clear that efficiency and



General Model view of Medical Center.

productivity will be significantly improved by having controlled temperature in the working areas throughout the year. These three buildings on the main campus will be connected to the rest of the Medical Center compound by an underground tunnel which will pass under Bliss Street.

Another component of Phase III will be a new Medical Library, with a capacity for 100,000 volumes and 1,600 periodicals, which will now gain 356 sq. meters by having the administrative offices located in the Old Medical Building. This is highly desirable in view of the regional role of the Medical Library as a reference center and as a facility for training in medical librarianship. Phase III includes as well a Postgraduate Medical Education Building where refresher and postgraduate courses will be offered, together with lectures, seminars and workshops. A 470-seat auditorium with audio-visual facilities will accommodate conferences and assemblies.

There is a special place for postgraduate education in this area where standards of undergraduate medical education are borderline. It is estimated that about 50,000 new physicians are needed in the Arab Middle East to achieve a physician/population ratio comparable to that in the West. The current output of physicians by the existing medical schools in the region is hardly sufficient to keep up with the rapid growth of population and is totally inadequate

to overcome the existing "doctor deficit."

It becomes an exceptionally important function of the Medical Center to provide for refresher courses and a wide variety of postgraduate programs. Many local and regional conferences, assemblies, lectures, seminars and workshops will be required to mobilize the intensive educational and other health efforts required in the area. By making provisions for these activities within the Medical Center it is clear that its helpful influence will be uniquely enhanced and its broad objectives well served.

Finally, it is appropriate to quote the following statement of purpose by Dean John L. Wilson, M.D.

"The Medical Center is more than a grouping of Schools. Phase III, the final construction, is more than a group of buildings, new and remodelled. It is the final piece that gives meaning to the picture as a whole which is otherwise utterly incomplete. In a sense, Phase III is the matrix which binds all the other elements of the Center together. It is, in fact, this very cohesiveness that provides the unique opportunities of developing comprehensive medicine at the American University of Beirut."

To conclude, Mr. Gill says the construction is proceeding according to schedule. Five of the eight facilities are expected to be completed by August 1973, and the remaining three by the end of 1974.

American University of Beirut bulletin

VOLUME XV, No. 26

THURSDAY, MAY 11, 1972

XXII Middle East Medical Assembly Aging, Drug Addiction and The Big Killers

The XXII Middle East Medical Assembly was held under the distinguished patronage of His Excellency the President of the Lebanese Republic, Mr. Sleiman Franjeh, and under the auspices of the American University of Beirut School of Medicine and the American University Medical Alumni Association. This assembly of physicians and specialists of outstanding world fame who met at the American University of Beirut, May 4-7, was opened by the Minister of Public Health, Dr. Salah Salman, representing His Excellency the President of the Republic. Other speakers at the opening ceremony were Dr. Samuel B. Kirkwood, President of the American University of Beirut, Dr. Raif E. Nassif, Director of the AUB School of Medicine, Dr. John A. Malak, President of the AUB Medical Alumni Association, and Dr. Amal K. Kurban, Chairman of the 22nd Middle East Medical Assembly.

The Assembly, an annual event for the past two decades, has become an internationally recognized occasion for the meeting of men of science from all over the world. Speakers at this year's Assembly came from Australia, Austria, Canada, Egypt, France, Germany, Iraq, UK, USA, Sweden, Syria and Yugoslavia, in addition to the Lebanon.

The successful format of last year's Assembly, with plenary sessions on topics of timely interest, and simultaneous sessions covering a wide range of subjects, was retained this year. The plenary sessions were devoted to Drug Addiction, Aging and The Big Killers (cancer and atherosclerosis).

In his opening speech, the Minister of Public Health said:

I am honored to represent His Excellency the President of the Republic, Mr. Sleiman Franjeh, at the inauguration of the 22nd Middle East Medical Assembly, and to convey to you all his wishes for its success. His Excellency has on several occasions stated his conviction that the scientific method, specialization and experience in the various fields are arms necessary to face the challenge of this century and should characterize the Lebanese civilization.

The Lebanon, though small on the map, is proud of its several locales for learning where a better future is being prepared, a future in which Man's peace of mind and Man's well-being are honored.

Science should serve humanity and help wipe away prejudice and ignorance, and replace them with objective facts and methods.

At the Ministry of Public Health, I shall spare no effort and no expert available to be sure that the scientific method is and remains the basis of policy and decision-making.

I am pleased to be among you today at the Middle East Medical



Minister of Health addressing assembly, with l. to r. Dr. Nassif, President Kirkwood and Dr. Kurban.

Assembly which has become a welcome tradition and has shown to many skeptical minds that a medical Assembly is not a social occasion, or at least is not only a social occasion.

The topics you are going to discuss, the problems you are going to raise and the answers you are going to give are all vital. Disease in all its forms is a major worry for humanity and science. Thanks to investigators like you, disease should be and is gradually conquered.

Drug addiction is becoming a problem all over the world; it illustrates an escape to which unfortunately many of our fellow men resort, rather than develop the courage necessary to face reality and its problems.

Cancer is another major problem and a main cause for worry. It is hoped that research comes out with preventive and curative measures soon.

It is a duty also to look into the problems of the senior citizens or the elderly, to alleviate their suffering and make sure that their dignity and well-being are respected.

This is a debt the young owe the old.

I would like to express Lebanon's appreciation to the American University of Beirut for hosting this and other assemblies, thus achieving a major university role, namely the attraction of specialists and investigators for benefits that go beyond the geographical frontiers of a country.

I would like also to thank the

organizing committee and all those who contributed to the preparation and hopefully the success of this assembly.

In his speech of welcome, Dr. Samuel B. Kirkwood said it is always one of his truly pleasant duties to address and meet such a distinguished gathering of scientists and specialists. He referred to the Assembly's great value and service to science, stressing the universality of its studies, and pointed out that AUB is proud to offer its facilities.

He then read the following
(cont'd page 4)

AUB Alumni Give

First receipts of 31,440 L.L. in response to the appeal to 7,500 AUB Alumni in the Middle East, Africa and Europe were reported today by the Office of Development. While the mailing is little more than half completed, thirty eight alumni have contributed 31,440 L.L. This includes 20,300 in pledges in response to a special letter from Dr. Ibrahim Mufarrij AUB '48. Most Alumni, however, will receive in the mail in the next few days a personally addressed letter from Mr. Basim Faris, AUB '25, Chairman of the Alumni Appeal.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, May 14, at 9:30 a.m.

SIGMA Xi
Public Lecture
on
ELECTRICAL CORONAS
by
DR. ESSAM NASSER
Asst. Prof. of Engineering, AUB
Tuesday, 16 May, 8:00 p.m.
Faculty Lounge
ADA DODGE HALL

The Engineering Alumni Chapter at AUB is organizing a panel discussion on PARKING PROBLEMS IN BEIRUT.

Participants: Prof. Neddy Jouz, Mr. Antranik Sinanian, Dr. Usamah Abdusamad.

Moderator: Prof. Nicolas Menassah.

Time: Thursday May 18 at 7:00 p.m.

Place: Engineering Lecture Hall — AUB.

THE SEVENTH ANNUAL
DERMATOLOGY SYMPOSIUM
will be held at the
American University Hospital
on
Sat., Sun., May 13-14
at 8:00 a.m.

"And They Lived Happily Ever After"
A Show in West Hall
Sponsored by

The Engineering Student Society
at 8:30 p.m. on May 12, 13, 14
With Music by Engineering Band

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

Extension and Special Programs

Contractual Extension activities by AUB's Division of Extension and Special Programs are in progress in Afghanistan and Lebanon.

In Lebanon, two sections of English for Business Correspondence are being offered to Middle East Airlines personnel, secretaries and clerical employees, at the airport headquarters of MEA. Forty participants are enrolled. Mr. Michael Woosnam-Mills is coordinator of this program and is instructor of one section; Mr. Andrew Hamilton is the instructor of the other section.

A special full-time training course of two weeks for the preparation of a "work methods study team" is being organized for MEA. The Division of Extension and Special Programs is organizing this training course with the cooperation of an International Labor Organization expert.

Other special extension programs being planned for MEA personnel include courses in human relations and computer sciences.

The University Provost, Dr. Samir Thabet, is coordinating additional extension services to MEA. They include the possibility of developing special vocational aptitude tests where Mr. Lewis Durr of the Office of Tests and Measurements is directly involved, while Prof. Levon Melikian is developing a battery of Tests to be used as a measure of employee potential for managerial positions.

The AUB Division of Extension and Special Programs has also signed a contract with AID/Afghanistan to provide the Ministry of Education with consultative and research services in connection with English Language instruction in the country. Prof. Louis P. Cajoleas, Director of this Division was in Kabul recently for discussions with Ministry of Education and AID officials.

Prof. Neil Bratton, Director of the Center for English Language

Research and Teaching, has just concluded 2 weeks in Afghanistan on the first of three extended visits. As the AUB consultant to a top level English Language Committee, he will give leadership to the Ministry of Education in conducting an in-depth study and evaluation of English language instruction in Afghanistan. A TEFL (Teaching of English as a Foreign Language) team is assisting Prof. Bratton.

Other Extension activities include the following:

A one-year program of specialized training at AUB is being planned to up-grade Kuwaiti employees of Aminoil, American Independent Oil Company. This program will commence in July 1972.

With the cooperation of Prof. Albert Badre, Chairman of the Department of Economics, arrangements are being made for a three to four week study tour in Lebanon for Mr. Yacub Attayee, President of Revenue Department, Ministry of Finance, Afghanistan, to study Lebanese tax structure, tax revenue analysis, collection, and administration.

As part of a larger program in Saudi Arabia to improve health services, there are at AUB this semester a group of 12 "trainees"—potential candidates for a special program in hospital administration. Some of them who needed to improve their level of English were enrolled in the University Orientation Program. Four others are following a schedule of observation at the Hospital, organized and supervised by the School of Public Health, and one is enrolled in the evening University English Program.

Moreover, the Division of Extension and Special Programs, with the cooperation of the Bursary Students Office, is processing several new requests for extension services and special training programs.

50% of Students Receive Scholarship Assistance

In spite of the present AUB financial difficulties, the University still feels it essential to provide financial assistance, by way of scholarships, loans, and work scholarships, to its students.

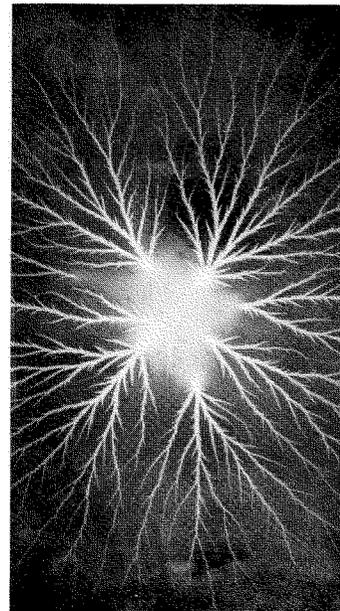
Direct AUB scholarships, amounting to LL.742,209, went to 717 students. Loans from various University Loan Funds, worth LL. 53,091 were granted to 100 students. This excludes short-term

loans from the Dean's Loan Fund. For the first nine months of this year, the Work Scholarship Program awarded LL.35,157.50 to a number of students.

Indirectly, from outside sources, another 1,092 AUB students have received assistance. This means that 50% of the student body has received scholarship assistance.

(All these figures are for the scholastic year 1971-1972.)

Sigma Xi Lecture on Electrical Coronas



The Society of the Sigma Xi for the Encouragement of Scientific Research invites colleagues to a lecture on Electrical Coronas by Essam Nasser 8:00 p.m., Thursday, May 16, Faculty Lounge, Ada Dodge Hall.

Dr. Nasser is on leave from Iowa State University and is professor of Electrical Engineering at AUB. He is the author of some 35 research papers and the book "Fundamentals of Gaseous Ionization and Plasma Electronics," Wiley — Interscience, 1971. Much of his work has been with electrical coronas, which exist in nature as the northern lights and St. Elmo's fire, as well as in the vicinity of the sun. Undesirable man-made coronas may also exist around high-voltage conductors used for power transmission and around the antennas of spacecraft.

English Communications Skill

As part of the English Department's revision and re-shaping of its English Communication Skills courses, a group of staff (A. Gordon, M. Hallab, A. Kankashian, G. Taylor) are preparing a text tailored to the rather special needs of AUB freshman students. It is essentially a "workbook": a series of usage and idiom exercises designed to remedy the common errors of students coming to AUB from countries in the area. As yet the text is embryonic, but certain parts of the material may be used experimentally in some Freshmen classes next year.

New Math \Rightarrow New Teaching

The Science and Mathematics Education Center of the American University of Beirut is organizing a conference on mathematics education under the theme:

New Math \Rightarrow New Teaching

The conference will be held on Saturday, May 13, in West Hall, AUB, and will deal with recent developments in the curriculum and teaching of secondary and intermediate mathematics in Lebanon.

The language of the conference will be English. The first session of the program beginning at 9:00 a.m. will consist of a lecture in two parts, "The Nature and Unity of Mathematics" by Dr. David Makinson, and "Educational Goals for Mathematics Teaching" by Dr. Wadi Haddad. The second session beginning at 11:00 a.m. is a panel discussion entitled "Problems Raised by Current Changes in the Lebanese Mathematics Curriculum." The panel members are Mr. Ralph Bustani, Mrs. Mona Haddad, Mr. Munif Ma'louf, and Miss

Lamia Moujais. The afternoon opens with Teacher workshops at 2:00 p.m., and ends with a panel discussion entitled "Current Trends in Mathematics Education." Panel members for this last session are Mr. Brared, Mr. Dyck, Dr. Namek, and Mr. Zayyat. Teachers attending the conference will also be free to view a number of displays on various aspects of mathematics education including texts and resource books, mathematical models, the use of transparencies with the overhead projector, and mathematical games.

Copies of the conference program and letters of invitation to all interested secondary and intermediate mathematics teachers have been sent in care of the principals of over 250 schools in Lebanon. To register for the conference or to obtain further information, teachers are urged to contact the principal of their school, or to call the Science and Mathematics Education Center, Tel. 340740, extension 2259.

Radiography Seminar

Mr. Samir Franji of the Radiology Department attended in Nairobi, Kenya, recently the Third International Teachers Seminar of the International Society of Radiographers and Radiologic Techno-

logists co-sponsored by WHO.

Mr. Franji presented a paper on the Integration of Theoretical and Practical Training in Radiography with special reference to Radiation Protection.

24 Cups Donated to Champions

The AUB 78th ANNUAL FIELD DAY is scheduled for Saturday May 20, 1972 at 2:30 p.m. when men and women athletes will compete for the AUB championships of running, throwing and jumping. The following 24 cups were donated to the champions:

Donors

President S. Kirkwood
Mrs. Kirkwood
Vice President Monnier
Mrs. Monnier
Vice President Hakim

Dr. S. Thabet
Sheikh Najib Alamuddin
Sheikh Najib Alamuddin
Dean E. Prothro
Dean R. Najemy
Dean C. Lichtenwalner
Dean S. Swenson
Dean R. Ghosn
Dr. Raif Nassif
Miss E. Moyer
Mr. John Gill
Mr. Farid Fuleihan
Mr. D. Meyer
Mrs. Meyer
Dr. H. Henderson
AUB Workers & Staff Syndicate
Engineering Students Society
Medical Students Society
Agriculture Students Society

Events

High Point winner (Men)
High Point winner (Women)
200 Meters
200 Meters (Women)
200 Meters Rope Skipping (Women)
Discus
Javelin
50 Meters (Women)
1500 Meters
Softball Throw
High Jump
400 Meters
Archery
High Jump (Women)
Long Jump (Women)
200 Meters Low Hurdles
Shot Put
100 Meters
100 Meters (Women)
800 Meters
Long Jump
Football Kick
Hop Step & Jump
400 Meters (Women)

Invitation tickets will be handed to AUB staff and employees from 4:30—6:00 p.m. at the Athletic Office, starting May 9, 1972. First come first served.

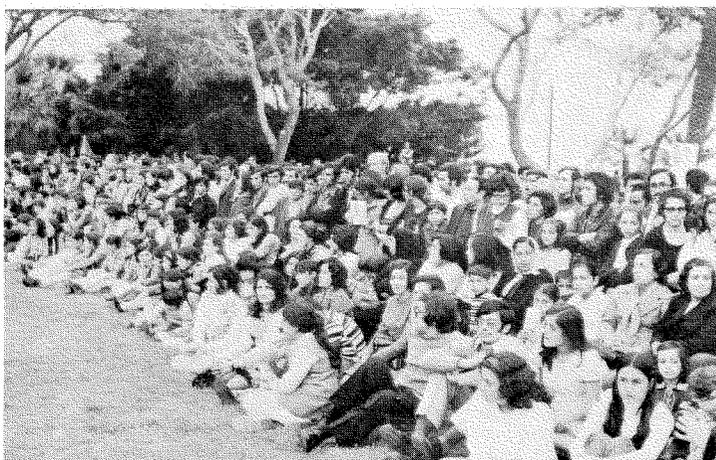
Folk Dance Festival



The Folk Dance Festival which is now an annual May Day tradition much awaited by those interested in young people and folk dance, had to be postponed to May 7 this year because of weather conditions.

In November 1950, a committee formed of teachers, secretaries and housewives invited schools to send students to take part in the first Festival in 1951. The aim was to

Sainte Famille College — Baabda; Beirut College for Women; Lebanese Evangelical School for Girls; Haigazian College; Karaguezian Social Center; National College — Schwaifat; Ahlia College; International College; Greek Orthodox School, Tripoli — Lebanon; Institution Notre Dame de l'Unité; Ma'aniyeh School for Girls; Saint Doumith — Bouar; Convent of Jesus and Mary — Rabya; Azadarmard Club.



develop a wholesome outdoor active recreation, to help them develop a fellowship with the students of other schools, and an appreciation of their own cultural background and that of other peoples.

Preparations for the Festival are a year-round activity. When a festival is over, plans get underway for the following year. This year's program was composed of three general and seven exhibition dances, all in costumes of peoples having a rich heritage of folk dancing with participants from: AUB; YWCA; Vocational Zavarian Student Association; Brummana High School; YWCA Bushrieh; American Community School; Antranik Group;

This year's Festival, which was opened by the Lebanese National Anthem, was welcomed by President Samuel B. Kirkwood, who praised the young people and the Festival Committee who work so hard every year to make the event a much looked-forward-to success.

The Festival began with three dances — two American and one Russian. Exhibition dances from Bavaria, France, Italy, America, Switzerland, Greece and Lebanon followed.

Several hundred people who attended this gay Festival were captivated by the melody and movement, and the graceful whirling and darting figures in their colorful costumes on the Green Field of AUB.

AUB's Regional Role and The Assembly's Universality of Studies



Dr. Armary receiving award from Dr. Malak.

The annual meeting of the American University Medical Alumni Association, with some 100 doctors present, was held last week at the Alumni Club. The meeting was attended by the Minister of Health, Dr. Salah Salman, and the Minister of Education, Dr. Najib Abu-Haydar.

At the banquet given for the occasion, Dr. John Malak, President of the Association, presented the Gold Medal Award of the American Medical Alumni Association of AUB to Dr. Mansour Armary currently Professor and Chairman, Department of Ophthalmology at the George Washington University Medical Center, Washington, D.C.

In his speech Dr. Malak said: This award may not match the laurels that Dr. Armary holds, but I am sure it will keep the memory of his Alma Mater and his association constantly alive in his mind.

cable from Dr. Calvin H. Plimpton, Chairman of the AUB Board of Trustees:

Greetings and all best wishes on the occasion of the 22nd Middle East Medical Assembly. These are most important occasions and I am proud that AUB has this instrument for education and the provision of life more abundantly.

Dr. Raif E. Nassif spoke on behalf of the AUB School of Medicine which, ever since its foundation, has striven to serve the Middle East in general and the Lebanon in particular. He referred to the time when there were hardly any qualified physicians in the

region, describing the school's early graduates as medical pioneers. As time went on, national schools were founded in various Middle Eastern countries and AUB felt happy at this development and was pleased to collaborate with other regional institutions.

Dr. Nassif went on to relate that the school curriculum underwent a major revision in 1946 when modern residency training was introduced in the major specialties. To better fulfil its aim to provide specialty training and research facilities to young Middle Eastern doctors, and to meet the growing demands of modern medical education, AUB launched an extensive program to build a modern medical center.

Addressing himself to the Minister of Public Health and the assembly, Dr. Nassif said their presence was proof of the universality of science and of their keen interest in medicine.

Dr. Nassif expressed the appreciation and gratitude of the AUB School of Medicine to the Lebanese Government and His Excellency President Franjeh and assured them that everything possible will be done to help in raising the standard of health care in the country.

He welcomed the representatives of sister schools and other official and university health agencies in the region, and greeted the representatives of universities and teaching hospitals who travelled far to share their knowledge with Middle Eastern colleagues.

Speaking for the AUB Medical Alumni Association, the co-sponsor of the Assembly, Dr. John A. Malak stressed the importance of this annual scientific event which many physicians from the Middle East and eminent scientists from all over the world attended. He said the Medical Alumni Association continued to be grateful to its Alma Mater and was proud of AUB's record and achievements. He also praised the achievements of many of the Association's members who have gained international or national repute in the medical world, be it in the fields of research, teaching, medical administration or community health.

He was followed by Dr. Amal K. Kurban who thanked the physicians, specialists and surgeons present for their contribution in bringing together such a distinguished group of scientists to participate in this international medical assembly in the Middle East.

He referred to the disproportionate role of the Lebanon, this small country, in welcoming think-

ers from all disciplines and in providing them with an atmosphere of freedom and scientific objectivity to meet and exchange views and information. He pointed out that the Middle East Medical Assembly has been of great scientific service to the Lebanon and the nations of this area.

During the 3 1/2 days of meetings, a variety of subjects were discussed. Attention focussed in the plenary sessions on medical problems that are of prime importance at the present time. As in the past, the Assembly offered a forum for scientists of the Middle East to present the fruits of their investigation and experience which appear to have increased to such an extent that four half days were allotted to them.

The first plenary session at the Assembly was devoted to Drug Addiction. This is a topic that has been neglected previously, though the problem is rapidly gaining in stature throughout the world.

Dr. G.M. Carstairs, Professor of Psychiatry in Edinburgh, Scotland, discussed some of the factors that contribute to drug addiction. He emphasized certain personality traits that characterize drug addicts, and some of the social problems that enhance addiction. He differentiated between hard-drug and soft-drug addicts.

Drs. Manugian and Puzantian, both of AUB, discussed the local problems of addicts and addiction in Lebanon. They stressed the lack of valid statistics and the poor state of prisons where addicts, drug peddlers and others are detained.

Two major lectures were delivered on cancer and atherosclerosis. Speaking of the problem of cancer, Dr. Philip A. Salem, the cancerologist of the American University of Beirut emphasized that: cancer is not one single disease but encompasses a large group of different diseases; smoking is the major cause of lung cancer in man; modern medicine can cure 25 per cent of all cancer patients; and public education is extremely important for the control of cancer.

Dr. N.B. Myant from Hammer-smith Hospital in London spoke of atherosclerosis—causes and prevention. He said that atherosclerosis is the disease of modern industrial civilization, and is the result of the interplay of several causes, among them the amount of saturated fat in diet, hypertension, diabetes and cigarette smoking, as well as genetic factors



Minister of Health decorating Dr. Kurban.

A banquet, given at the Bristol Hotel last Sunday at the close of the 22nd Middle East Medical Assembly, was attended by Dr. Salah Salman, Minister of Public Health, Dr. Samuel B. Kirkwood, Dr. Craig S. Lichtenwalner, Dean of the AUB Faculty of Medical Sciences, and Dr. Raif E. Nassif, Director of the AUB School of Medicine. Around 200 doctors from the Lebanon and the Arab countries, as well as the guest doctors from Europe, USA, Australia and Canada who contributed to the success of the Assembly, were also present.

At the end of the banquet, Dr. Salman presented the Chairman of the Assembly, Dr. Amal K. Kurban, with the Lebanese Order of the Cedars, officer rank, in appreciation of his efforts and those of the executive committee in organizing this international Medical Assembly.

which are also of great importance. Dr. Myant explained that the problem of atherosclerosis is extremely complex and is far from being solved.

In the plenary session on aging, Dr. Adel Afifi, associate professor of Human Morphology at the AUB discussed the historical perspective of aging and then analysed the changes in tissues and cells that are usually associated with aging. Dr. W. Ferguson Anderson, Professor of Geriatric Medicine in Glasgow, Scotland, defined the concept of aging and discussed the medical, psychological and social problems that have been created by the increasing proportion of elderly people in the community. He stressed the urgent need for planning by the authorities concerned so that adequate care could be delivered to these people.

bulletin

VOLUME XV, No. 27

THURSDAY, MAY 18, 1974

Teaching of English

Seventy teachers from the major institutions of higher learning in Lebanon attended the first inter-university conference on the teaching of English, held recently in the Faculty Lounge of AUB. The conference was opened by Prof. Edwin T. Prothro, Dean of the Faculty of Arts and Sciences, and the all-day sessions were co-sponsored by the AUB English Department, whose Chairman, Dr. S. B. Bushrui, presided over the morning session of the conference. The presiding officer during the afternoon session was Dr. Yaser Daghistani, Chairman of the English Department at the Lebanese University.

The keynote of the sessions was a masterful presentation of the

particularly concerned with the needs in English of students who had achieved the requisite level for continuation, in a field other than English language or literature. Their problem is best stated by the observation that one's competence in English often actually deteriorates as he progresses in his area of specialization. A possible solution to this problem is to restructure the program during the first two years at the University.

The greater part of the afternoon was devoted to the business meeting of the new Association of University Teachers of English in the Arab World. Dr. Bushrui was re-elected President, by acclamation; in addition, several committees were formed to carry out



"Problems and Standards of English Teaching in Lebanon," by Dr. Raja T. Nasr, Chairman of the Education Department, Beirut College for Women. Dr. Nasr summarized the current situation in the teaching of English in this country, and spelled out problem areas ranging from curricula and examinations to teacher qualifications and the place of English in the university curriculum. His presentation was followed by active discussion from the floor and the presentation by Dr. Yorkey of the Center for English Language Research and Teaching (CELRT) AUB of proposed syllabus revisions for both the primary and the secondary cycles.

A further proposal was presented during the afternoon session by Dr. Neil Bratton of the CELRT concerning the place of English at the University level. He was par-

projects proposed during the day's sessions.

Of particular significance in this respect was the presence during the morning session of Dr. Wadi' Haddad, Director General of the Educational Research and Development Center, Ministry of Education, Lebanon. In his opening remarks to the conference, Dr. Haddad asked for the active collaboration of the Association in identifying and proposing solutions to the problems of teaching English throughout the school system.

The Association further decided to plan for an area conference on the teaching of English throughout the Arab world, to be held in 1974. Tentatively, May 1974 was chosen as the date and the American University of Beirut as the venue. A planning committee was nominated during the business session.

ENGINEERING MATERIALS EQUIPMENT EXHIBITION



Minister of Public Works opening the exhibition.

Thirty-three Lebanese firms and manufacturers participated in the Engineering Materials and Equipment Exhibition at AUB, May 4-14. Held under the auspices of His Excellency the Prime Minister, Mr. Saeb Salam, the exhibition was opened by the Minister of Public Work, Mr. Kamal Khouri.

The exhibition was organized by the AUB Engineering Student Society and the Engineering Alumni Chapter.

The first exhibition, in 1965,

has now become an annual, international event. Its purpose is to acquaint students with the practical side of engineering and enable them to have direct contacts with merchants and contractors. Furthermore, the exhibition is an excellent occasion for engineers and contractors, as well as the public, to see the most up-to-date engineering equipment, whether manufactured locally or imported. Proceeds go to help AUB engineering students.

NEW DEGREES AT AUB

Ph.D. in Physics

The first Ph.D. candidate in Physics at AUB, Mr. Nabil Kassis will take his final oral examination on Monday, May 22.

Mr. Kassis' thesis in Nuclear Physics entitled "Third Order Energy Calculation in Closed Shell Nuclei and Closed Shell Nuclei ± 1 Nucleon" which concerns itself with the controversial topic of the convergence of per-

turbation theory in Nuclear structure calculations has resulted in two publications.

The examining committee will include Prof. P. Ellis from the Nuclear Physics Department of Oxford University who will be visiting the Physics Department for about ten days, and Professors Mavromatis (Adviser), Schilcher, Singh and Zahlian from AUB.

MA in Urban Planning and Design

The Department of Architecture at the AUB Faculty of Engineering and Architecture is now offering a master's degree in Urban Planning and Urban Design to help meet the problems and needs created by the rapid ur-

banisation of the Middle East.

Further information may be obtained on application to the Faculty of Engineering and Architecture, the American University, P. O. Box 236, Beirut, Lebanon.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, May 21, at 9:30 a.m.

The fourth meeting of the **Fifteenth Annual Philosophy Symposium** for the academic year 1971-1972 will take place on Monday, May 22, 1972 at 4:30 p.m. in Room 312 Nicely Hall.

Faculty of Arts and Sciences
DEPARTMENT OF
MATHEMATICS
MATHEMATICS COLLOQUIUM

Fifth meeting of 1971-72
Speaker: Professor M. Hamdan
Subject: "The **Bivariate Poisson Distribution: A Model for Physical and Biological Problems.**"

Date: Wed., May 24, 1972
3:30 p.m. Tea
4:00 p.m. Paper
Place: Room 329 Agriculture (Math. Dept.)

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1972

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OPPORTUNITY

SATURDAY, MAY 20
— SACRED MUSIC CONCERT
West Hall — Auditorium.
Tickets L.L. 1. 5:00 p.m.

SUNDAY, MAY 21
— CONCERT (Piano Students
of A. Janjikian) West Hall
— Auditorium. By Invitations. 5:30 p.m.

SUNDAY, MAY 28
— REPEAT PERFORMANCE
OF THE SACRED MUSIC
CONCERT. 4:00 p.m.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

Donation From Womens Association of AUB

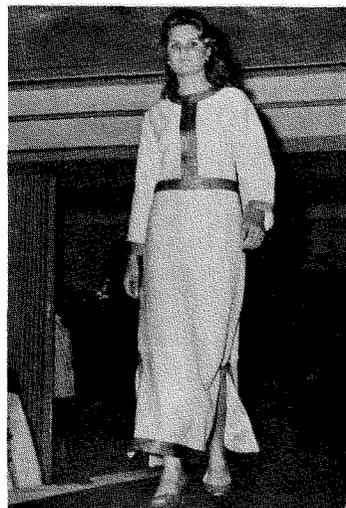


With President Kirkwood left to right: Vice President Hakim, Mrs. Snider, Mrs. Ilia and Mrs. Maksoud.

President Samuel B. Kirkwood has received two cheques for L.L. 3853 from the Women's Association of AUB. The cheques were handed to President Kirkwood at his office on May 9 by Mrs. Samia Selim Maksoud, Mrs. Leila Ilia and Mrs. Paul Snider who requested that this amount, which represents the proceeds from a Valentine Dinner Dance given on Feb. 19, 1972, be allotted to a scholarship fund for needy students.

Recently, the Women's Association of AUB met at the Bristol Hotel for a lunch-in-style followed by a fashion show to conclude the association's welfare activity for this year.

At this large meeting, new members were installed and retiring members honored. Mrs. Samia Maksoud, the association's president for this year, announced the names of the president and members for next year and received a token present from Mrs. Samuel B. Kirkwood who also handed bouquets of flowers to the new members.



The Kaftan, gracefully modelled.

Clothes were modelled by young American students from the Community School and AUB ladies. The "kaftan" was undoubtedly king of the show.

To Honor Dr. and Mrs. Mirhij

Dr. John Mirhij is retiring after 43 years of service to the University. To honor him and Mrs. Mirhij and to present them with a token gift from their admiring colleagues, a committee is organizing a dinner to be held on Saturday June 3, 1972 at 8:30 p.m. at the Alumni Club.

To cover the cost of the dinner and token gift, the sum of L.L. 15 will be collected from each guest (L.L. 30 for a couple)

Please confirm your acceptance by calling Miss Maggie Abu Shacra, ext. 2230-2231 not later than May 31st. Payment in cash or cheque should be sent to Miss Abu Shacra.

Eminent Chemist to Lecture at AUB

The Department of Chemistry announces a seminar on "Radial Extension of Orbitals and Reactivity of Transition Metal Complexes," by Pro-

fessor Henry Taube of Stanford University. The seminar will be given in Room 101, New Chemistry Building, at 6:00 p.m., Thursday, May 25th.

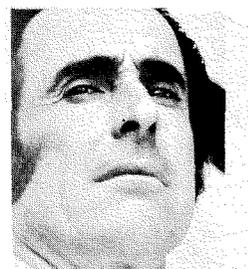
AUB Medical Alumni at Cyprus Congress

The East Mediterranean Medical Congress which was recently held in Nicosia, Cyprus, featured a whole afternoon of scientific papers presented by medical alumni of the American University of Beirut. The Congress which incorporated the 15th Annual Clinical Meeting of the British Medical Association (BMA) was organized by the BMA and was attended by about 1000 physicians from the United Kingdom and the Middle East. The AUB session was chaired by Dr. Vatche V. Kalbian (MD '46), President of the Cyprus branch of the BMA. The speakers whose papers were selected by the Scientific Committee of the BMA in London, were Drs. Amal Kurban (MD '52) and Farid Fuleihan (MD '54) of the Department of Internal Medicine and Dr. Robert Matossian (MD '52) of the Department of Bacteriology and Virology. The trip and stay of all three speakers were sponsored by the Medical Alumni Association of AUB. Also attending the Congress were medical alumni Drs. Anna Sethian (MD 37) of Baghdad, Alex Kouyoumdjian (MD '47) and John Malak (MD '56), both of Beirut.

Lecture by BCW Professor

Dr. Mubarak Amar of Beirut College for Women will deliver a paper on "Collective Religion in Plato's Laws."

All members of the University Community are cordially invited.



Boulos Merbi, the artist-craftsman

Occasionally there is the craftsman who develops a natural curiosity about the materials with which he works and who no longer takes for granted only the utilitarian purpose of his materials. This natural curiosity led Boulos Merhi in the fifties to consider the limits to which he could extend the materials of his craft.

Born in 1931 in Edjabara, the Lebanon, Boulos Merhi began as an ironsmith at the age of nineteen. Eleven years later he succeeded in emerging as an artist-craftsman. He is exhibiting his works at Jafet Library, AUB, May 16-28.

C.E.L.R.T. Programs

The Center for English Language Research and Teaching (CELRT) at AUB has, since 1964, been building up a strong graduate program in the teaching of English as a foreign language (TEFL)—a program which compares favourably with similar programs in the U.K. and U.S.A. It has now acquired a reputation which is leading many countries in the area to seek its help.

Last month, the Director of the Center, Prof. Neil Bratton, paid two quick visits to Kuwait and spent fifteen days in Afghanistan as a consultant on TEFL.

The first trip to Kuwait will result in a special program for eight Kuwaiti employees of the American Independent Oil Company (AMINOIL), who will come to AUB this summer for an intensive course in English. This is expected to be the beginning of a continuous and expanding program in Job English which will be offered by the University Extension Services (Prof. Louis Cajoleas).

The second trip to Kuwait was at the invitation of the Ministry of Education where the Chief Inspector of English is one of the Center's graduates. The proposals made in a short report will, if accepted by the Ministry, result in teacher-training seminars held in Kuwait by the Center staff and in the acceptance of current teachers and inspectors into the Teaching Diploma and MA (TEFL) programs at AUB.

The visit to Afghanistan was the first of three to be made in fulfillment of a \$14,500 contract with AID/Afghanistan and the Ministry of Education. Prof. Bratton is acting as a consultant in a survey and evaluation of English teaching throughout Afghanistan. The proposals made in the final report may lead to further help from the Center in the field of teacher-training.

Lebanon has not been forgotten in the regional assistance program. Last semester, at the request of the Lebanese Ministry of Education, committees chaired by Professor Richard Yorkey designed new English syllabi for the Elementary and Secondary Government schools. A one-year syllabus was also designed for the English section of the new Teaching Baccalaureate. Further projects with the Ministry of Education are in the planning stage.

M.D. Class of '47



Members of the M.D. class of '47 seen with President Kirkwood, Vice President Hakim and Dr. Amal Kurban.

The Medical Chapter of the Alumni Association was happy to host and celebrate the 25th anniversary of the graduating class of 1947 with a reunion in Beirut. Members of the '47 class, four of whom had come all the way from the United States, attended the 22nd Middle East Medical Assembly, May 4-7, which was an occasion for them to meet again and renew old friendships. The classmates were received by President S. Kirkwood on Thursday May 4. They are Drs. Fehmi Hakim, of Gowando State Hospital, Helms, New York; Alex Kouyoumdjian, who did his residency training at AUB and now has a private practice in Beirut; Salim Firzli who also did his residency training at AUB and is now clinical associate professor of pediatrics at the AUB; Calvin H. Hadadian, who has a private practice in Cumberland, Maryland; Jacob Araj, now an associate professor of radiology at the Medical College of

Ohio in Toledo; Joseph Debbas who has a private practice in radiology in Philadelphia, Pennsylvania; Jean Moadié, now clinical assistant professor at AUB; Jean Hayek, a lecturer in psychiatry at AUB and consultant for mental deficiency at St. Luke's Center, Beit Mery and Amal Center, Brummana.

The Medical Alumni Chapter initiated this happy activity for the first time in 1969. The class of 1944 was invited to come to Beirut for a reunion during the Middle East Medical Assembly and the Chapter undertook to pay for the accommodation of alumni coming from abroad. Unfortunately, the Middle East Medical Assembly had to be cancelled that year at the last minute. In 1970, however, the class of 1945 was luckier. In 1971 fourteen members of the class of 1946, from the Lebanon and the neighbouring countries, attended the reunion.

University Health Service

During the vaccination campaign mid March through April 1972 the University Health Service and the Hospital laboratory administered a total of 4534 doses of Small Pox Vaccine to the AUB Community and students. Some in-

dividuals developed an accelerated immunizing reaction, mainly in those who were either improperly vaccinated in the past or those who had the vaccine long time ago. No serious complications were recorded.

Professors Paul W. Copeland and Arthur Sewell Die

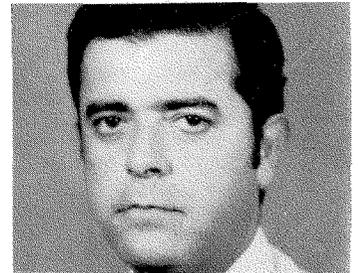
The University has recently received word of the decease of two former Faculty members.

Prof. Paul W. Copeland, who was member of the AUB Faculty in 1920 and 1921, has died in Seattle, Washington, USA.

Prof. Arthur Sewell, who taught

in both the Department of English and the Cultural Studies Program from 1957 until 1966, has passed away at the age of sixty-nine in Hamilton, New Zealand. He will be long remembered by colleagues and former students as an enthusiastic, brilliant and warm-hearted man.

Dr. Rubeiz-President of Lebanese Society of Cardiology



George A. Rubeiz M.D., F.A.C.C., Associate Professor of Medicine and Chief of the Division of Cardiology, was last month elected President of the Lebanese Society of Cardiology for a term of two years.

Prof. Saghir Attends Meetings in U.S.A.



Prof. Abdur-Rahman Saghir, Associate Professor of Agronomy, who was on sabbatical leave at the Virginia Polytechnic Institute and State University at Blacksburg, Virginia was recently invited by the Agricultural Research Policy Advisory Committee of the U.S. Department of Agriculture to participate in a symposium on "Mechanisms of Resistance in Plants" which was held in Georgetown, South Carolina. The symposium was attended by 119 scientists from all over the United States in the disciplines of mycology, bacteriology, virology, nematology, entomology and weed science. Prof. Saghir discussed mechanisms of resistance to parasitic weeds, particularly *Orobancha spp.*

Prof. Saghir had also gone to St. Louis, Missouri, to participate in the annual meetings of the Weed Science Society of America. He presented two papers pertaining to his work on the biology and control of *Orobancha* which was conducted at the Virginia Polytechnic Institute and State University, Virginia, and a third paper on the effect of herbicides on the yield and quality of soybeans which was studied at AUB.

Prof. Saghir is spending now the second part of his sabbatical leave at the Kearney Field Station of the University of California, near Fresno, where he is working with applied phases of weed control. He will return to AUB during the first week of August, 1972.

As You Like it



A rehearsal scene.

The AUB will soon be presenting the Beirut theatre public with an open-air spectacle production of Shakespeare's *As You Like It*. One of Shakespeare's most popular comedies, it promises to provide an exciting evening of "total theatre" in the thrilling setting of the terrace between College Hall and Jafet Library. Opening night is Thursday May 25; performances will continue May 26, 27 and June 1, 2, 3, 4 at 8:30 p.m. sharp. Tickets at West Hall and at the performances for 7 and 3.50 L.L.

The "Court Theatre" as this location at the AUB is called, was first used by the American Repertory Theatre in May 1970 for its highly successful production of Shakespeare's *Taming of the Shrew* directed by Bill Blakemore. Allen Hovey then followed with Marwan Najjar's operetta *AUB 1910*, directed by Jackie (Farra) Hovey. Both these productions were popular and critical successes, proving the exciting possibilities of open-air drama at this lovely site.

The forthcoming AUB Fine and Performing Arts Department production of *As You Like It* combines comedy, romance and lyricism in Shakespeare's delightful treatment of the tension between "civilization" and "pastoral innocence."

The direction is in the creative hands of David Kurani. Allen

Hovey is preparing a musical treat to enrich the production, and Naomi Gray-Wallis, whose costume designs have graced a number of Beirut productions, will once again furnish the audience with delightful visual creations. Special dances for the show are being choreographed by Carol Hashitani. The play is being produced by Peter Shebaya.

The cast is enormous over forty players, dancers, musicians and one dog. Krikor Satamian will bring his skillful comic instincts to bear on the role of Touchstone, one of Shakespeare's memorable "fools." Shadi Karam, another of AUB's talented comedians, will play Corin.

In the demanding roles of Rosalind and Orlando are Hilary Bowker and Ahmed Kayksu. Prof. Michael Murphy, Simon Hicks, Ann De Pangher, Noura Alamuddin, Samir Mirshak are only a few of the consistently talented cast that promises to give Beirut a significant theatrical event.

On the production side are the capable Craig Henkle, Michele Smith, Jean Bray, Suzy Pratt, Habib Badr, Munjid Khoury, Ann De Pangher and a generally dedicated crew.

Poster and program design is in the professional care of Farid Haddad.

7th Dermatology Symposium at AUB

The Minister of Public Health, Dr. Salah Salman, has awarded Dr. Fuad S. Farah, Associate Professor of Internal Medicine (Dermatology) and Chairman of the Committee on Postgraduate Medical Education at AUB, the Order of the Cedars, officer rank.

The award is made in appreciation of the efforts of Dr. Farah and of the committee in expanding medical education in the Lebanon and the various Arab countries.

Recently, the Committee on Postgraduate Medical Education held a dermatology symposium which was attended by dermatologists from Egypt, Syria, Kuwait, Saudi Arabia and the Lebanon. During the two days of the symposium, clinical case discussions were held, and scientific papers in clinical and basic investigations were presented and discussed.

This was the 21st Postgraduate Medical Symposium, the 7th in Dermatology, to be arranged by the Committee at AUB. Previous symposia dealt with the various fields of medicine, such as cardiology, ophthalmology, respiratory



Minister of Health Decorating Dr. Farah.

of the Community, leaves little time for the practitioner to keep abreast with the vast advances of Medical knowledge. Continuing medical education at AUB aims to bridge the gap between the knowledge front and patient care, by presenting recent advances and translating them into terms utili-

At reception on the occasion of the award, Drs. Muhiidine Selim of the Kuwait Dept. of Health, Mohammad Zawabiri of the Faculty of Medicine, Cairo University, Abdul Kerim Shehadeh of Aleppo University and John Malak of AUB.



diseases, neurology and others.

Postgraduate medical education has been given increasing attention in recent years in medical schools in general and also in the AUB School of Medicine. The need for continuing education in Medicine is more acutely felt than in other professions. The necessity of meeting the increasing medical needs

zable for patient care.

The Committee on Postgraduate Medical Education is now in its third year of operation, and has attempted to implement the above policy mainly through the organization of postgraduate medical symposia, seminars and lectures to reach the practitioner and the specialist in the Middle East.

Prof. Snider leads Journalism Seminar in Cyprus

Prof. Paul B. Snider, Visiting Professor of Journalism, served as leader of a Journalism Seminar for Cypriot newsmen in Nicosia May 15-19. About 50 Greek and Turkish senior and junior editors, reporters, and radio and television journalists attended the week-long series of lectures, discussions and panels at the Ledra Palace Hotel.

Sponsored by the American Center, the conference was designed to discuss matters faced by professional journalists. Some of the

major areas examined during the seminar were the possibility of establishing a Cypriot Press Council to deal with ethical matters, the role and responsibility of the press, and the training of journalists.

Among the participants were Murray Weiss, editor of the *International Herald Tribune*, Peter Gross of the *New York Times*, and Walter Kohl, Information Officer of the U.S. Embassy in Athens.

Instructors for Special Evening Course

The Division of Extension and Special Programs is seeking one or more competent instructors interested in organizing and offering a special evening course in "Studies of the Future."

Among other aspects, such a course might include ana-

lyses of recent selected books: *Future Shock*, *The Year 2000*, *Walden II*, *Designing the Future*, etc. The course is being considered for 1972-73.

Interested persons either within AUB or in the community are invited to contact Prof. Cajoleas, ext. 2204.

American University of Beirut bulletin

VOLUME XV, No. 28

THURSDAY, MAY 25, 1972

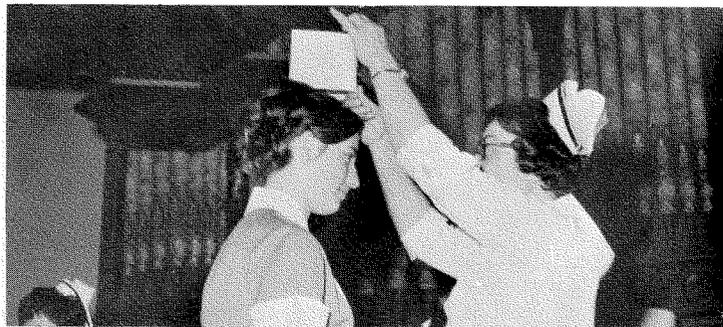
AUB SCHOOL OF NURSING

The negative attitude in the Middle East toward the field of nursing is being eroded as more people, both men and women, adopt nursing as a profession. 163 nursing students are enrolled for this year (1972) compared to only three graduates in 1908.

The School of Nursing is one of four schools in the AUB Faculty

ward practice.

Students of the second course, the Nursing Diploma course, study the same subject matters as do the BSN students, but not as extensively. The holder of a BSN can go on to specialize, working towards an M.S. or Ph.D. in nursing, while a Diploma nurse cannot.



Receiving her cap.

of Medical Sciences. Founded in 1905, it was the first organized nursing school in the area. As a member of the University, the School is committed to the philosophy and purpose of the American University of Beirut: "To educate men and women for creative, responsible lives in their own communities—not only professionally competent, but who also have breadth of vision, a sense of civic and moral responsibility, and devotion to the fundamental values of life."

Three Courses of Study

The AUB School of Nursing has done much to change this negative attitude. Directed by Miss Esther L. Moyer, the School offers three courses of study, each involving different requirements, job opportunities and salaries.

The first course of study leads to a Bachelor of Science in Nursing degree (BSN). This three-year course, including two summers, involves extensive study in the sciences as well as nursing, psychology, and laboratory and

The third nursing course is a one-year post-graduate course in administration and teaching. It is hoped that an M.S. in Nursing program can be started by 1975.

The job opportunities open to nurses are wide and varied. Besides the usual hospital nursing, they work in schools, companies (such as KOC, Aramco, Tapline, and other oil companies in the area), ministries of health—in the fields of public health and sanitation, education and administration. The work and advancement opportunities for nurses broaden with specialization, which can be pursued in such fields as surgery and anesthesia.

Nursing Better Understood

Mrs. Falak Beyhum, Recruiting Officer for the School, says the young people she talks to about nursing, as well as parents and school teachers and principals, become more receptive to nursing after they realize that it is a respectable profession which offers wide opportunities for employment and specialization.

With loyalty will I endeavor to aid the physician in his work, and devote myself to the welfare of those committed to my care.

From the **Nightingale Pledge**

The new Medical Center has contributed a great deal to the training of nurses who are availing themselves of the center's remarkable facilities and its new and modern equipment to study and treat a wider variety of patients and illnesses.

Nursing students at AUB are of various backgrounds and nationalities. The majority are Lebanese, but there are also Syrians, Palestinians, Kuwaitis, Ethiopians, and others. Many of them have relatives in the medical profession, such as doctors or pharmacists. All of them join the School of Nursing with a readiness to work hard in their field.

Nurses Speak

At a brief interview, three graduates and two graduating students have aptly described the nursing profession.

To Miss S. Azezian, taking care of a patient is a two-way relationship: the knowledge and care given to a patient are repaid by a feeling of job-satisfaction on noticing the patient's appreciation. A nurse must have a comprehensive view of the patient's illness, physical and psychological needs and social background. She believes that unconsciously every person has the vocation to help those in need of care.

In simple and serious words, they all spoke of nursing as the means to alleviate the suffering of patients. A nurse, they said, must be conscientious, tolerant, gentle but firm. A nurse must be able to make patients accept certain procedures which are essential to their diagnosis and treatment, and to teach them to follow essential instructions when they are discharged.

Miss Claudine Tali' and Miss Annie Chelebian, who will graduate this year, are looking forward confidently to their coming work; the first at the AUH because of its vast facilities as a teaching hospital, and the second at a smaller



Eager new students.

hospital where work can be more personal.

Men's attitude toward nursing has also changed over the years. More men are now entering the profession, knowing that it has so many opportunities for specialization. Almost 25% of the AUB nursing students are males.

Recruitment Tours

On their recruitment tours, Miss Moyer and Mrs. Beyhum visit many high schools in the Lebanon and Syria, whose second or third language is English. They explain at great length to students and school teachers and principals just what nursing is and is not. They have found that mass media, particularly the press and radio, can be of value and help in this respect. But the personal interviews they conduct enable them to explain fully what nursing involves.

In a box headed "The Lebanese at AUB," As-Sayyad weekly of Beirut quotes Dr. Abbas Farhat, Director General of the Ministry of Labor and Social Affairs saying the percentage of Lebanese Faculty members at AUB was 33% in 1967, compared to 67% of non-Lebanese. In 1971, the percentage of Lebanese rose to 63% against 37% non-Lebanese

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, May 28, at 9:30 a.m.

AUB Invitational Fieldday (including Brummana High School, ACS, Shouifat College and AUB) is scheduled for June 3rd, 1972.

BOOK SALE

20% — 70% REDUCTION
ON ALL BOOKS ON SALE BY
THE UNIVERSITY BOOKSTORE
AT WEST HALL COMMON
ROOM

MAY 30 THROUGH JUNE 1,
1972

9:00 — 12:30 p.m.

2:00 — 4:30 p.m.

Textbooks on all subjects

New titles

Novels

Assorted other books

DO NOT MISS THIS
OPPORTUNITY

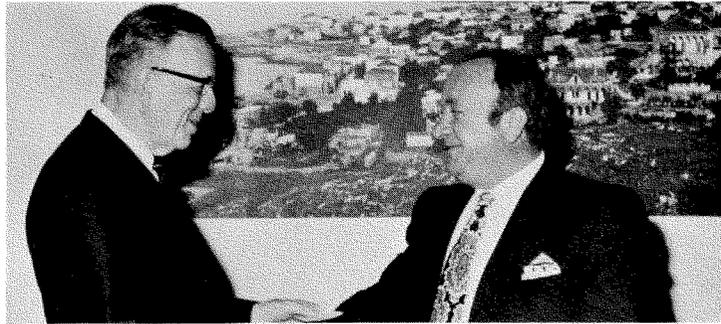
The Department of Sociology and Anthropology takes pleasure in announcing a lecture by Professor Henry Korson on "The Changing Status of Women in Pakistan." The lecture will take place in West Hall Lecture Room on Tuesday, May 30, at 7 p.m. Professor Korson is now engaged in research on family structure in Karachi, his third year of research there in the last ten years. He is Professor of Sociology, and former Chairman of the Department of Sociology, at the University of Massachusetts. Among his recent publications on Pakistan are articles on dowry and social class, selection of marriage partner, and age at marriage.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

Endowed Scholarships Given



President Kirkwood receiving cheque from Mr. Subayl Farah.

Two notables from the Jebil district, Messrs. Muneef and Suhayl Farah have donated L.L. 20,000 to the American University of Beirut to be used as an endowed scholarship for AUB students who come from their district.

This gift will be matched under a special grant from the Rockefeller Foundation which has agreed to match all donations to the university from donors outside the

United States and Europe. The donation made by Messrs. Farah will thus be doubled as AUB receives an additional L.L. 20,000 for its educational program.

Thanks to such donations from the Lebanon, the Arab countries and various parts of the world, AUB has been able to provide scholarship assistance to 55% of its students.

Personnel Office Announcements

Summer Hours For Non-Academic Personnel

With the introduction of training as a formal activity at the University, its scope and responsibility has been clearly defined in Chapter XIII of the Personnel Manual for Non-Academic Employees and Workers.

Supervisors who are introducing training programs in their areas of jurisdiction should strictly adhere to the procedures set forth for this activity. Attention is specifically called to the following sections in Chapter XIII of the Personnel Manual:

Section 3: Determining Training Needs:

"All training programs must be designed to meet the needs of the University based on specific operating requirements. Each Dean and Head of Ad-

ministrative Department will review all the jobs under his direction, identify those jobs where improved performance is required for the efficient operation of his organization, list the incumbents in such jobs for whom training is essential, and submit his recommendations for review and concurrence of the Director of Personnel and approval of the Vice President for Administration."

Section 4: Training Arrangements:

"All arrangements for training involving a financial commitment whether inside or outside the University, must be submitted to the Director of Personnel for review and approval before implementation."

Training of Non-Academic Personnel

The following arrangement will be followed for the summer of 1972:

- I. *Non-Academic Employees*
1. Faculties and Administrative Offices of the University that followed a summer schedule during the summer of 1971 will have summer hours during the summer of 1972.
2. The Hospital including the Private Clinics and the University Health Service will continue to work on the regular hours schedule during the summer of 1972.
3. All offices with summer hours are required to follow the reg-

ular summer hours, unless other hours are specifically set by the Dean or the Administrative Department Head with the concurrence of the Personnel Department for particular individuals because of essential services or of special shifts.

4. The summer hours will be from 7:00 a.m. to 2:00 p.m., Monday through Friday, starting July 3 and ending September 23, 1972.

II. *Wages Personnel*

Wages Personnel will continue to follow the regular hours schedule.

Two AUB Professors at Shiraz Congress

Prof. A. Abdul Baki, Associate Professor of Civil Engineering, presented two papers entitled "Analysis of Beams of Elastic Foundations by the Stiffness Method," and "Continuous Helicoidal Girders," the latter in association with A. Shukair, at the First Iranian Congress on Civil Engineering and Engineering Mechanics, held recently at Pahlavi University of Engineering and Architecture, Shiraz, Iran.

Another member of the AUB Faculty of Engineering and Architecture, Prof. Yeghishe Avedissian, Associate Professor of Civil Engineering, presented at the same congress a paper entitled "Stress Relaxation in Rocks and their Dynamic Properties."

Young Performers Recital Series



Participants in the series with Miss Diana Taky Deen who teaches the course.

Young Performers will be presented by the Department of Fine and Performing Arts of the American University of Beirut in a concert series beginning on May 29.

Performances start at 7:30 p.m. West Hall, Auditorium A.

NEW BOOK BY AUB PROFESSOR

KAHLIL GIBRAN, HIS BACKGROUND, CHARACTER and WORKS, is another revealing book by Prof. Khalil S. Hawi of the AUB Department of Arabic and Near Eastern Languages. The book, which has just been published in Beirut by The Arab Institute for Research and Publishing, is heralded as the definitive work on Gibran. In the words of Prof. Suheil B. Bushrui, Chairman of the AUB Department of English, and Prof. John M. Munro, Associate Dean of Arts and Sciences at AUB, "... the best and most scholarly assessment of Gibran in English has been made by an Arab, Khalil Hawi, who was able to see the poet both in terms of the West and his Arab cultural tradition."

AUB Professor On East-West Communication



Panelists l. to r., Fr. John Donohue and Professors Nabil Dajani, Stanley Smith, Michael Suleiman.

Al Bustan Hotel in Beit Mery hosted last week the Beirut Seminar on East-West Communication. Organized by the Association for International Communication Seminars, Zurich, Switzerland, the Seminar was intended to serve the interests of international understanding by creating an atmosphere for constructive dialogue on the problem of communication between the Arab and non-Arab worlds.

The Seminar was attended by a large group of specialists, about seventy, responsible for foreign news coverage, including a representative selection of Middle East correspondents of the world's leading news media, editors of twenty leading Arab media, ministers of Information of Arab states—or their representatives—Arab League representatives and public affairs or information officers of foreign embassies in Beirut.

Among representatives of well-known newspapers and news agencies were Ian Wright of the GUARDIAN, Louis Heren of the TIMES, Henry Tanner of the NEW YORK TIMES, S. H. Guebenlian of REUTERS, Wilbur Landry of UNITED INTERNATIONAL PRESS, Stanley Swinton of the ASSOCIATED PRESS and others.

The five-day seminar included analyses of the East-West communication problem from different points of view, content-analyses of the Arab, United States, Swedish and British press, discussions of the political and economic influences and limitations on the Arab and Western mass media and panel discussions by correspondents, Arab officials and journalists.

Attending the seminar from AUB was Prof. Nabil Dajani, Assistant Professor of Mass Communications who presented a paper on a research project recently conducted by him.

In his research, Prof. Dajani selected six daily Arab newspapers of influence representing a geographical and ideological distribution: An-Nahar of Lebanon, Ash-Sha'b of Algeria, Al-Ahram of Egypt, Ar-Rai al-'Am of Kuwait, Ar-Riyad of Saudi-Arabia and Al-Ba'th of Syria.

The basic objectives of the research were mainly to study the

amount of space devoted to foreign news and the relative attention paid to various foreign countries, to study the types of foreign news disseminated with regard to pattern and direction, and to try to arrive at the factors determining the flow and coverage of news.

The study was conducted in two phases. The first was a quantitative one, concerned with the entire news content of a sample of the six papers covering three non-consecutive weeks. The total amount of foreign news was further divided into several sub-categories. Daily averages of these coverages by the six papers were then percented and tabulated.

The second phase of the study concerned itself with the direction of coverage for six foreign countries. The unit used to compute the direction of the foreign news coverage was the paragraph and the measure of direction was the coefficient of imbalance as developed by Janis and Fadner.

It should be noted here that 'foreign news' in the study included both news coming directly from the West and news about foreign countries originating in the Arab World.

Five hypotheses were formulated and proved correct by the results of the research which showed that political and/or economic ties, ideological affinity and former cultural ties with a given foreign country will favorably affect both the volume and direction of news pertaining to that country; that Arab national interest (the Arab-Israeli problem) will affect the direction of news regardless of political and economic ties; and that legal-constitutional restraints on freedom of the press will affect foreign news coverage by exaggerating the direction of the news in function of ideological bias.

Besides the quantitative and qualitative content-analyses, Prof. Dajani also gathered supplementary data for his paper from questionnaires and interviews with heads of major foreign press agencies and foreign press officers, including those of three important embassies in Beirut, and from an unpublished M.A. thesis written by an AUB graduate.

AUB Professor Awarded The Said Akl Prize



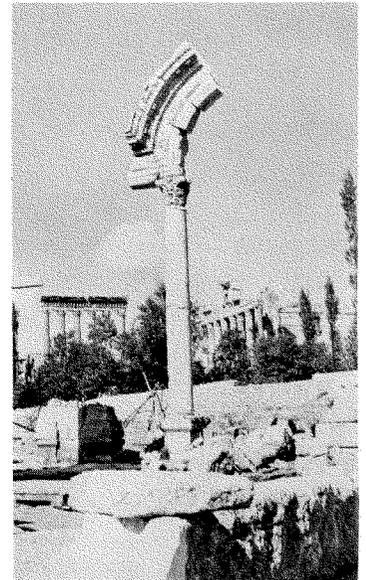
Left to right Said Akl, Prof. Kalayan holding the prize, and the President of the Press Syndicate, Mr. Riad Taba.

The SAID AKL prize for the month of April 1972 has been awarded to Prof. Haroutune Kalayan of the AUB Faculty of Engineering and Architecture (part-time).

For many years now, Said Akl—the well-known Lebanese poet, man-of-letters, author and columnist—has been awarding a monthly prize of L.L. 1,000 to prominent men and women whose work is judged by him to be of outstanding service to the Lebanon and the Lebanese heritage.

In his address at the Press Syndicate where the award was made, poet Said Akl paid glowing tribute to Prof. Kalayan's almost innumerable achievements in restoring and excavating temples and palaces which are architectural masterpieces of sheer beauty. Prof. Kalayan has also published inspiring works rich with designs which throw light on the Lebanese art history.

Said Akl mentioned specifically Prof. Kalayan's work in restoring half an arch on top of a column along a restored colonnade outside the Temples of Baalbeck, rendering it expressive of its form and the subject of admiration by visitors.



Furthermore, Prof. Kalayan has worked tirelessly since 1931 on the restoration of Lebanese monuments in Tripoli, Baalbeck, Anjar, Niha, Sidon, Tyre, Beirut, Beit-Eddin, Beit-Mery, Maameltein, Byblos, Mashnaqa, Afqa, Faqra, Bziza, Mseilha, and other spots.

Mass Communication Majors Hear Guest Lecturers

The former Official Spokesman of the Egyptian Government, Mr. Tahsin Bashir visited AUB Monday and met with mass communication majors. He also was a guest lecturer at Prof. Nabil Dajani's class on "essentials of communication." Mr. Bashir gave an informal lecture on "Problems of Credibility, or Communication Gaps facing an Official Spokesman."

On Wednesday another Arab communicator visited AUB as a guest lecturer at the introductory course in mass communications of

Prof. Dajani. Mr. Ahmad Jarallah, publisher and editor of As-Siasa of Kuwait and the Kuwait Times, lectured on the developing press in Kuwait.

Later in the semester the students of the introductory course in mass communications are scheduled to hear Mr. Ghassan Tweini of An-Nahar, Mr. Ali Amin, of Al-Anwar, and Mr. Claude Sawaya of Tele-Orient Television Station. The students will also visit the premises of these three Lebanese institutions of mass communication.

Parking Problems in Beirut



L. to r. Messrs. Sinanian, Manasseh, Jouzy, Abdussamad.

The parking problem is a world-wide problem, but in Beirut it is compounded, for besides the need to provide parking near the place of work it is impossible to find enough off-street parking near homes.

A panel discussion was organized last week by the Alumni Chapter of the Faculty of Engineering and Architecture, AUB, to discuss parking problems in Beirut. Panelists were Prof. Neddy Jouzy, Associate Professor of Transportation Engineering (AUB), Mr. Antranik Sinanian, Traffic Engineer, Municipality of Beirut, Prof. Usama Abdussamad, Transportation Engineer, and Prof. Nicolas Manasseh, the panel moderator.

The Panel discussed the various aspects of the problem and tried to evaluate the impact of a new law which allows property owners to pay to the Municipality between L.L. 500 and L.L. 1,500 per parking space instead of providing parking for their tenants on their property.

Previous building codes required of proprietors to provide about one parking space per dwelling unit either in a basement or in a breezeway on the ground level. These spaces, which were extra and above the allowed built-up area on the property, were in the majority of cases used for different purposes more profitable to the owners; and the tenants had to look for parking on the streets.

Mr. Sinanian said that since the law came into effect in November 1971 the Municipality has collected L.L. 1,250,000—this represented between 800 and 1000 parking spaces that the Municipality will have to make available in different parts of the city. He also said that the proprietors seem to prefer the payment of fees rather than provide parking spaces. According to Mr. Sinanian the Municipality will start a detailed study of parking requirements.

Prof. Manasseh was not sure that the Municipality can plan, finance, construct and operate public garages, as the cost will be 2-3 times the amounts collected from proprietors. Furthermore, those previously allowed to use their parking area as they wish against payment of a sum of money will keep doing so by paying a further sum. He considered the new law as an admission of failure to enforce previous regulations.

Prof. Abdussamad who returned recently from a tour of USA explained how parking problems are being tackled there through the relocation of business and industry and the improvement of public transport.

Prof. Jouzy explained some of the parking studies and origin-destination surveys he has carried out in Beirut. He said that every 20 families in Beirut own 16 cars which is remarkably high for the Middle East. He expects that very soon each family will own a car.

To Honor Mr. and Mrs. Fuleihan

Mr. Farid Fuleihan is retiring after 43 years of service to the University. To honor him and Mrs. Fuleihan and to present them with a token gift from their admiring colleagues, a committee is organizing a dinner to be held on Friday, June 16, 1972 at 8:30 p.m. at the Carlton Hotel.

To cover the cost of the dinner and the token gift, the sum of

L.L. 25.00 will be collected from each guest (L.L. 50.00 for a couple).

Please confirm your acceptance by calling Miss Maggie Abu Shakra, Ext. 2230/2231 not later than June 12, 1972. Payments in cash or cheque should be sent to Vice President George Hakim.

Partakers who book NOW make arrangements easier.

AUB 78th Annual Fieldday



President Kirkwood congratulating high point winners.

The AUB Greenfield witnessed last Saturday a major athletic event, the 78th Annual Fieldday sponsored by the Athletics Office of the University.

Twenty-four different championships, many of which keenly contested, were ran off in about two and a half hours. About two thousand spectators attended the event. President and Mrs. Kirkwood, Vice-Presidents, Deans and Faculty members attended. According to Prof. Tarabulsi, Director of Ath-ground music, creating a lively day was 'a top organizational achievement, staged after the Olympic tradition' where the various Faculties' representations were given different colors:

The championships were marked by many women contestants; and although the Faculty of Arts and Sciences had the lion's share of the cups, the School of Engineering and Architecture, unlike previous years snatched many honors.

Three new records were established in the women championships, two by Miss S. Amiri, also women high point winner, and the third by Miss I. Abdunnur:

High Jump (women) : Miss I. Abdunnur 1.40 m. (new record) A & S

100 Meters (women) : Miss S. Amiri 13.6 sec. (new record) Eng'g

200 Meters (women) : Miss S. Amiri 29.0 sec. (new record) Eng'g

A gold cup for every new rec-



Women contestants.

White for the Faculty of Arts and Sciences

Orange-red for the Faculty of Engineering and Architecture

Yellow for the Faculty of Agricultural Sciences

Green for the Faculty of Medical Sciences.

The Fieldday was opened by the Lebanese National Anthem, followed up by the AUB Alma Mater. The Lebanese Gendarmerie band provided the traditional background music, creating a lively atmosphere.

ord was donated by Mr. Tarabulsi to the winners. None of the already established records in the men's championships were broken this year.

The high point winner for men ended with a tie between three contestants who obtained 23 points each; Boulos Hankash (A & S), Ahmad Kamaruddin (Eng'g) and Kyriakos Kiryakou (A & S). Although normally a coin is tossed in case of a tie, President Kirkwood, the donor of the high point winner cup, promised to donate two more cups so that each of the three winners would have a cup.

American University of Beirut

bulletin

VOLUME XV, No. 29

THURSDAY, JUNE 1, 1972

AUB Telephone System and Service 1000 Calls An Hour

One of the most criticized sections of the AUB operation may be its telephone system. This criticism is not restricted to the AUB community only, but is spread among persons who deal with the university and need to call in. But if the system is to blame, the service is definitely not.

To begin with, Zakaria Shukri, AUB Communications Manager, admits that most of the complaints and criticism he receives are valid but he hastens to point out that the present system cannot adequately cope with the amazingly high

Cent) was raised to 1,000 internal lines, 75 city lines and five operators positions, (plus one zero information position and one paging operator position).

Operating Difficulties

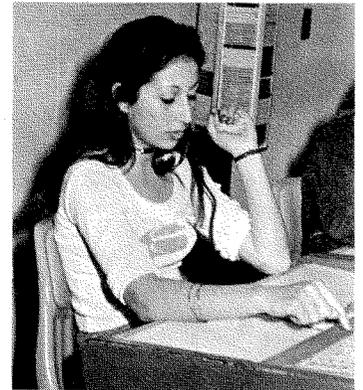
Ever since its installation, the system has given rise to complaints regarding the signalling and reception of incoming lines, the difficulty in transferring or holding these lines and the frequent loss of calls. People calling the Campus complained of having to wait

pected due to the fact that the number of operators positions during peak hours is unable to cope with the load of incoming calls which is during peak hours of the order of 1,000 calls per hour. This is about 160 to 180 calls per hour per operator, which is very high, considering that the operators are required in addition to locate patients and AUB and AUH personnel, and answer information enquiries; certain calls require thus one to two minutes.

Services

More often than not the operators are faced with incomplete or misspelled names which make the location of patients, AUB personnel or students time consuming, leaving insufficient time to cope with the high communications load. As the operators are thus most of the time engaged with a caller, the operators are naturally unable to service another caller simultaneously, which explains some of the delayed answers.

Of course, the AUB switchboard operator is liable to make a dialing mistake every now and then. But operators should be better understood. It is unfair to think that all they have to do is sit on a chair, when actually they are prob-



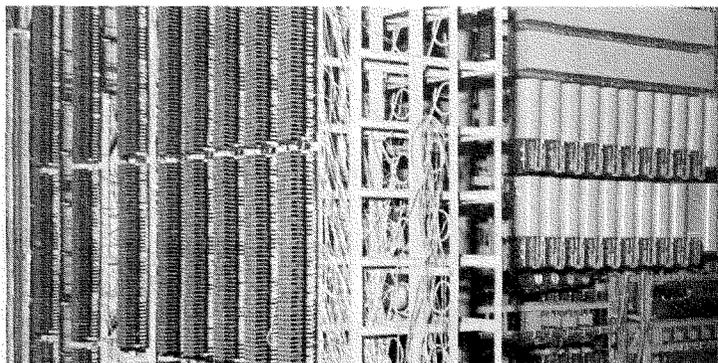
Answering and transferring a call.

vided to pay a 10-minute visit to the operators switchboard, leave that automatus spectacle of spontaneous and perpetual motion with nothing but praise.

Moreover, it should be realized that the city telephone exchange is not free of malfunctions. Because of faulty or insufficient equipment of the city exchange, a caller who dials one of the three AUB numbers, and who may even hear the ringing tone, many a time is actually not connected to the AUB operator.

Solutions

A new operator's console has just been installed, and if funds are made available to man it, the situation will improve appreciably. Another solution is under study to



Partial picture of the telephone exchange showing in the first plan the connecting terminals and the selectors (line finders) to the right.

density of the AUB telephone traffic, which is in the range of 1,000 calls per hour.

Past History

Originally, the Campus and the Hospital were serviced by one automatic exchange of 200 internal lines, 10 city lines and one operator position. In 1957, a second automatic exchange of 100 internal lines, 5 city lines and one operator position was added to serve the Hospital compound.

With the steady growth of AUB and the need of additional telephone facilities, it was decided in 1963 to replace the two exchanges by a larger unified telephone system.

Present Status

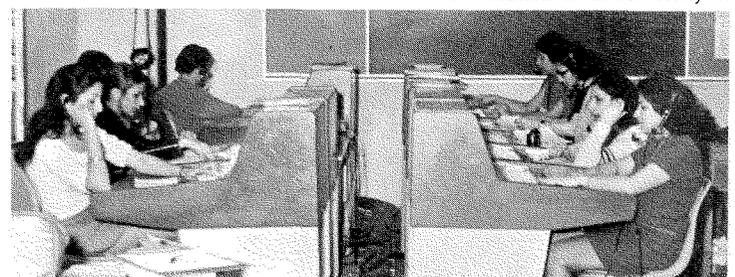
With the construction of the Medical Center Phases I & II, the capacity of the Hospital compound exchange (relocated in the Med-

too long before being answered or of not being answered at all.

Following the expansion of the system for the Medical Center and due to difficulties resulting from the addition of new and more elaborate equipment, which performed differently from the already installed older equipment and instruments, a most competent consultant was sent from USA by the Suppliers (GENTEL) to review the whole system. He conducted an extensive and thorough study, pin pointed all discrepancies, and reported directly to the Suppliers. GENTEL has promised to correct some of the system's defects at no cost to AUB (estimated cost \$20,000)

Remarkably High Load of Calls

It is thus hoped that the operation will improve. However, some operating difficulties are still ex-



Telephone switchboard of 8 operators positions.

ably the only people who do work the full sixty minutes of every hour.

On Site

Members of the AUB community who sound especially critical of the telephone system and its service and who are usually in-

relieve the high communications traffic load of the telephone exchanges and switchboards, through the installation of direct city lines to various AUB departments and facilities.

Meanwhile, AUB operators will continue their polite, pleasant and tireless service and try to compensate for the system's deficiencies.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, June 4, at 9:30 a.m.

The Alumni Club takes pleasure in announcing « **THE LEBANESE NITE** » to be held on Saturday, June 10, 1972, at 9:00 p.m.

The Program has many surprises.

Limited number of places.

Tickets to be bought before June 7th from the Alumni Club.

L.L. 25 per couple

THURSDAY-SUNDAY, JUNE 1-4

— Repeat Performances of AS YOU LIKE IT, Colledge Hall Terrace. 8:30 p.m.

WEDNESDAY, JUNE 7

— Ballet Performance (Students of Mme. Stock), West Hall
— Auditorium. Tickets: L.L. 10, 7 and 5. 8:00 p.m.

TUESDAY, JUNE 8

— 2nd Concert (Young performers recital series) by Roger Nucho (Cello). 7:00 p.m.

MONDAY, JUNE 12

— 3rd Concert (Young performers recital series) by Nassim Maalouf (Trumpet), Arpie Yacoubian (Piano). 7:00 p.m.

The AUB INVITATIONAL TRACK MEET will take place on Saturday June 3, 1972 at 3:00 p.m. Selections from AUB, Brummana High School, Choueifat National College and ACS will compete. The quality of the performance is expected to be high and interesting. Invitation tickets may be procured from the Athletic Office starting May 29, 1972. First come first served.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, Colledge Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

As You Like It

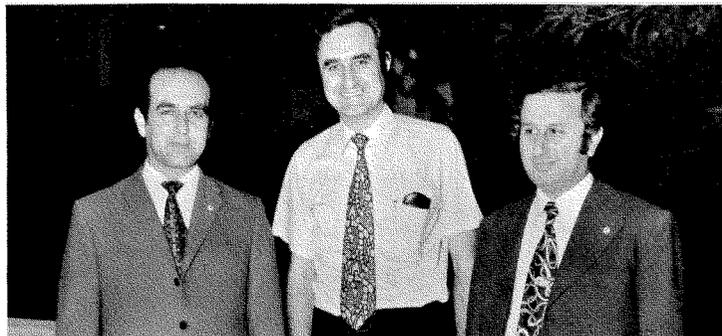


Currently playing on the thrilling site of AUB's open air theater between Colledge Hall and Jafet Library, *As You Like It* is proving to be a big success. Reviews over the Lebanese broadcasting station and in the local press have been nothing but favourable.

L'Orient-Le Jour praises David Kurani's production of this colorful, animated and truculent comedy

and his choice of the setting with the colonnades of Colledge Hall for a background.

To the Daidy Star, the actors clearly enjoy the piece and most of the smaller parts are played and projected with conviction. Moreover, the unusual setting, imaginative lighting and inventive direction revive this comedy's original spontaneity.



Dr. Nassar is seen between Mr. Joseph Shafa-Amry and Mr. Edmond Khoury.

Dr. Nabil Nassar, director of the University Health Service, presented at a private party last week the 20 year service award to

Messrs. Edmond Khoury (administrative secretary) and Joseph Shafa-Amry (practical nurse).

AUB Prof. Dodd At Moscow Seminar

The Twelfth International Seminar on Family Research, sponsored by the Committee on Family Research of the International Sociological Association, and hosted by the Soviet Sociological Association, was recently held at the Moscow Academy of Sciences.

The theme of the Seminar was "Changes in the Status of Women," and the major topic discussed was the participation of women in the gainfully employed work force. The rate of participation was highest in the Soviet Union, Finland, and the socialist countries of Eastern Europe; the

rate was high in Western Europe and the United States, and lower in the developing countries.

AUB was represented at the Seminar by Prof. Peter Dodd, of the Department of Sociology and Anthropology, who presented a paper on the rate of change in the status of women in the Arab World. Prof. Dodd's views suggested that while women are now admitted to education at all levels, there are few opportunities for employment and these opportunities are often restricted to 'all-female' environments.

AUB in US PRESS

The presentation of the University of Minnesota Outstanding Achievement Award to Prof. George S. Sherman was mentioned in the *Times* of St. Cloud, Minnesota. Prof. Sherman, chairman of the Division of Soils and Irrigation at the AUB School of Agriculture, was presented the award here in Beirut by President Malcolm Moos of the University of Minnesota.

The *Courier Express* of Buffalo, N.Y., mentioned the appointment of Alex Daoud-Mardini, an engineering graduate of the AUB, as an associate partner of the Cannon Partnership, the largest architectural-engineering firm in western New York State.

Echoes Sentinel of Stirling, N.J., mentioned lately that AUB graduate, Fadlou A. Shehadi, was to be a guest soloist in the presentation of Theodore Dubois' cantata "The Seven Words of Christ," at Wilson Memorial Church, in Watchung. Shehadi holds a Ph.D. from Princeton University and is at present an Associate Professor of Philosophy at Douglas College, New Brunswick.

The *Suburban and Times* of Wayne, Pennsylvania spoke of a joint talk on the topic "People: The Casualties of the Palestinian Conflict" by John and Mary Gault at Rosemont College. Both lived in the Middle East for many years. While in Lebanon, John Gault taught Economics at AUB and IC, and Mrs. Gault studied at AUB.

The *Star of Winchester*, Virginia, announced lately that Dr. Vicken V. Kalbian, a graduate of the AUB School of Medicine, was appointed to the staff of the Winchester Memorial Hospital. Other positions Dr. Kalbian has held include chief of the Department of Internal Medicine at Augusta Victoria Hospital in Jerusalem, and instructor at Johns Hopkins University medical school in Baltimore since 1969.

Light and Journal of La Jolla, California, reviewed "Crowell's Handbook of Classical Drama," by Richard Y. Hathorn, professor of classics at the AUB. Published in 1967, the book was written in the belief that classical Greek and Roman plays are enjoyed by a wider audience today than at any other time.

Student Council Constitution Amended

The amendments made to the Constitution of the Student Council of the American University of Beirut were approved by the University Senate on May 23, 1972.

The Constitution, which originally provided for such amendments, had several of its articles amended:

1. With regard to eligibility for election, the amended text provides that peaceful abstention from classes as well as peaceful advocacy of such abstention is not considered subject to conduct probation.

2. According to the new amendments, the Dean of Students shall advise on procedure and technical matters. The Dean's previous duties to sign vouchers for the expenditure of Student Council monies have been omitted. The authorization to sign vouchers for expenditure is now limited to the President and Treasurer of the Council.

3. As to student societies and activities, the amendments provide that no provision in the constitution of any AUB student body or student organization should contravene any provision in the Constitution of the Student Council. Nothing in this section may be interpreted as derogating from the right to freedom of expression in the University, in accordance with the fundamental policy of the University, or from the right to appeal.

4. The new amendments authorize the Student Council to amend the Constitution of "Outlook" and "Campus" by two-thirds majority vote of the entire Student Council membership, upon the recommendation of the Publication Committee.

5. The new amendments provide that all student representatives on University committees and boards shall be selected by the Student Council.

6. As stipulated in the new amendments the President of the Student Council or a Council mem-

ber designated by him, shall represent the Council upon an invitation from the Senate to the Council to send a representative to attend any Senate meeting.

7. In accordance with the new amendments, 15 members of the Student Council shall constitute a quorum. In case there is no quorum on an assigned date, a meeting shall be held 24 hours afterwards at the same time and place. At that meeting, those present constitute a quorum. All decisions taken at meetings are considered valid if passed by a majority vote of those present and voting and if they receive at least eight affirmative votes. Each member will have one vote with no proxy voting allowed.

8. The amendments also provide that the Student Council Constitution may be suspended by a two-thirds majority of the entire AUB Student body, it being understood that a confidence vote session can be petitioned by at least one fifth of the Student body. In the event of grave and/or continuing violations of the University regulations, by the Student Council, confidence in the Student Council can be withdrawn and the Council consequently dissolved either (a) by direct action of the President of the University or (b) by a decision of the majority of the entire student body as a result of a petition endorsed by at least one-fifth of the entire student body.

Should the Student Council be dissolved, the President of the University shall call for new elections within an eight-week period. In the new amendments, the previous phrase "if circumstances permit" is deleted.

9. The new amendments specify that proposed amendments to the Constitution are subject to the final approval of the University Senate and the President within a period of four weeks after submission of amendments to the President. Such a period was not provided for in the previous Constitution.

Novel By AUB Lecturer

PALESTINIAN ODYSSEY, a novel by Nedko S. Etinoff, Lecturer in Fine and Performing Arts, AUB, is very favourably reviewed by Rev. John Mann, who describes the novel's views as balanced and objective. In his opening paragraph, Rev. Mann says:

None of us can live very long in the Middle East without meet-

ing families whose lives have been changed, often dramatically, by the events which have taken place in Palestine in the last twenty-five years. Mr. Etinoff unites these historical events with a fictional story—which might well be true—of a family whose life is disrupted by events in 1948 and again twenty years later.

Oceanography Research At AUB



A chemical oceanography class on board RIVA II. L. to r. Dr. John Makemson, Mary Jo Farro, Marcia Gowan and Mammoun.

Dr. Makemson is fixing a «Van Dorn» water sampler to the hydrographic wire.

Prof. John Makemson of the AUB Department of Biology is planning a thorough study on the control of pollution along the shores of Lebanon and in the Lebanese coastal waters. Six-liter water samples are taken from different localities and different depths—varying between 10 meters and 500 meters—to measure oxygen-content, productivity and other parameters.

Philosophy Symposium

The fifth meeting of the Fifteenth Annual Philosophy Symposium for the academic year 1971-1972 will take place on Monday, June 5, 1972 at 4:30 p.m. in Room 312 Nicely Hall.

Dr. Richard Blackstone will deliver a paper on «G.E. Moore: Common Sense Beliefs and the Common Sense View of the World.»

All members of the University Community are cordially invited.

Syrian Night

The joint efforts of Syrian students and the Committee of the Syrian Student Society, as well as the contribution by Syrian families residing in Beirut of delicious home specialties, made quite a success of the annual "Syrian Night" recently held in Ada Dodge Hall.

In addition to more than 400 guests, the party was attended by Vice President Monnier, Dean Robert Najemy and Prof. Midani (advisor to the society).

Mrs. Frank R. Smith Receives Award



Mrs. Frank R. Smith, Trustee of the American University of Beirut, received an award commemorating her twenty years of service to AUB's Board of Trustees from Dr. Calvin H. Plimpton, Chairman of the Board's March meeting held at the Princeton Club in New York City.

Elected a trustee of AUB on January 16, 1952, Mrs. Smith has in her twenty years of service been a member of all but two of the standing committees on the board. In addition to being a member of these committees, she has served as either chairman or vice-chairman five times. Mrs. Smith currently serves as a member of four committees.

Born in East Northfield, Massachusetts, Mrs. Smith received her B.A. from Smith College and an M.A. in guidance counseling from New York University. Throughout her distinguished career, she has concerned herself with public service. A member of many charitable and philanthropic organizations, Mrs. Smith has given selflessly of her time to various volunteer organizations concerned primarily with welfare and social work.

After serving on the faculty of Finch College as an instructor in "Community Service," Mrs. Smith held the positions of Director of Community Service, Director of Student Organizations, Director of Public Relations, Executive Secretary of the Alumnae Association and Field Representative for the college during the years 1944 to 1950.

As adjuncts to her lifelong concern with education, Mrs. Smith has served as an instructor of the Reading Institute at New York University, and in addition to being a member of AUB's Board of Trustees, she is a member of the Board of the Northfield Mount Hermon, Massachusetts, Schools.

Mrs. Smith resides in New York City.

Religious Studies At AUB

The study of men's religions involves far more than Theology which is simply the formal description of religious dogma. In reality, Theology is only the starting-point in the scientific study of religion which is concerned more with the effect of religion in history. Religion has initiated or been a moving force in significant political and social movements and has inspired the art and literature of all civilization everywhere.

The history of religion, especially the effects and influences of religion, is therefore a basic element in the development of human society. Any student of human culture must of necessity confront this basic element at some point. The historian, the sociologist, the philosopher, the economist, the political scientist, the student of literature—all these and many more eventually meet the effect or influence of religion in their respective studies, for to a greater or lesser degree religion enters into every area of the humanities and the social sciences. Even the history and development of the natural sciences cannot be understood without some knowledge of the conflict between religion and science which has existed for two thousand years and more.

A Service Department

In the light of all this, the Department of Religious Studies was established in 1967 to teach the history of religion from ancient times to the present. One of its primary goals is to function as a "service" department, offering students in all fields of study specialized courses in a subject which they inevitably meet in the course of their work. A second aim of the department is two-fold, to acquaint students with the history of their own religion and introduce them to other religions as well. In an area where many of The World's major religions exist side by side, the educated individuals should have the opportunity to examine the history of traditions other than their own. A third goal of the department is to help this university attain a leading role in Middle East Studies for this is the field in which AUB can and should excel. Combined with the programs in Middle East history, languages, and others, the study

of the religions of the Middle East adds an important dimension to research on the Arab World.

458 Students

That these goals are realistic and are being achieved is amply proved by the students of this university. In 1967-68, the department's first year, 80 students elected courses in religious studies. During the current academic year, this figure has risen to 458. It is evident that students throughout the university consider such courses a helpful supplement to research in their own fields. Even more significant is the fact that there are no religious barriers. No course offered by the department is elected only by members of one tradition, and in all but the highly technical subjects The Muslim-Christian ratio, for example, is approximately half and half.

Outside Interest

That interest in the department's program is not limited to the AUB community. Numerous scholars in the Arab World, in Europe and America have expressed the hope that the Department of Religious Studies will eventually develop into a center for research on the history of the religions of the Middle East. Outside interest in promoting this goal is already tangibly evident in that two of the full-time positions in the department are now supported financially by donors who wish to encourage the growth of religious studies as an academic discipline. A third position will eventually be similarly supported.

The current program of the department covers three major fields: Ancient religions (Dr. John Montegu), Islam (Dr. Husain Jafri) and Christianity. The latter position has been temporarily vacant, but the addition of Dr. Dikran Kouyoumjian to the staff in the coming academic year will complete the full-time personnel. Other than the resident staff, the department is able to add several part-time lecturers each semester who offer courses in specialized topics. Among the internationally known scholars who have participated in this program are Dr. Kenneth Gragg, Dr. Martiniano Roncaglia, and Dr. Roland Baiuton.

AUB Symphonic Band At BCW



The AUB Symphonic Band presented three concerts last week at BCW's Irwin Hall under the direction of Allen Hovey of the Fine and Performing Arts Department. The Assembly Hall was unavailable

due to preparations for the new organ, and BCW kindly consented to help present the concerts. The photograph above shows the Band's woodwind and brass sections.

Grant by the Helene Fuld Health Trust

A grant of \$22,000 to the American University of Beirut by the Helene Fuld Health Trust has been announced by Mr. Gordon A. Philips, attorney for the Trust. The grant is made for one year and will be used to purchase and install audio-visual training equipment at the University's School of Nursing.

This equipment will completely furnish the School of Nursing with material for the videotaping of training procedures for use by student nurses in their courses. In addition, the grant will completely equip a student study center where videotapes, films, and slides can be viewed by the nursing students.

The Helene Fuld Health

Trust is an outgrowth of the Helene Fuld Health Foundation. The late Leonard Felix Fuld, LL.D., Ph.D. and his sister, Florentine M. Fuld established the Foundation in 1935 by contributing \$10,000 each. Today the Trust is valued at more than \$40 million. Dr. Fuld had consistently been concerned with the health, education and welfare of student nurses, during his lifetime, and today the Helene Fuld Health Trust bestows grants to state accredited schools of nursing affiliated with an accredited hospital. These grants are made for the health, education and welfare of student nurses who must be taught to administer bedside care to the sick and injured.

AUB Alumni of North America

The AUB Alumni Association of North America, Inc., was present at a recent alumni get-together at the University of Southern California (USC) Faculty Center.

Dr. Malcolm Kerr, who presided over the program mentioned that all universities were in great need of moral and financial support, but he said AUB was more so than others as it is the closest to the hearts of its friends and alumni and because of its unique position in the Middle East.

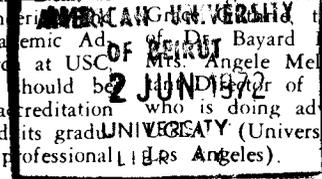
Dr. Zohrab Kaprielian, Dean of the School of Engineering, Vice President for Academic Administration and Research at USC, said one of the tasks should be to establish a higher accreditation of AUB and its graduates in the different professional

fields in the State of California.

Dr. Nasri Kawar, Associate Professor of Entomology on AUB's Faculty of Agricultural Sciences, spoke about what's being done at AUB to solve the problems of pollution and pesticides in the Middle East.

Mr. Richard Schaplowsky, the new Communications Director of AUB, gave a narration of slides of the campus and the new Medical Center. The audience watched them with interest and alumni relived nostalgically their student days at AUB.

Among the audience were Mrs. Gracie Verah, the granddaughter of Dr. Bayard Lodge, and also Mrs. Angele Melkian, the Assistant of Nursing at AUB, who is doing advanced studies at the University of California, Los Angeles.

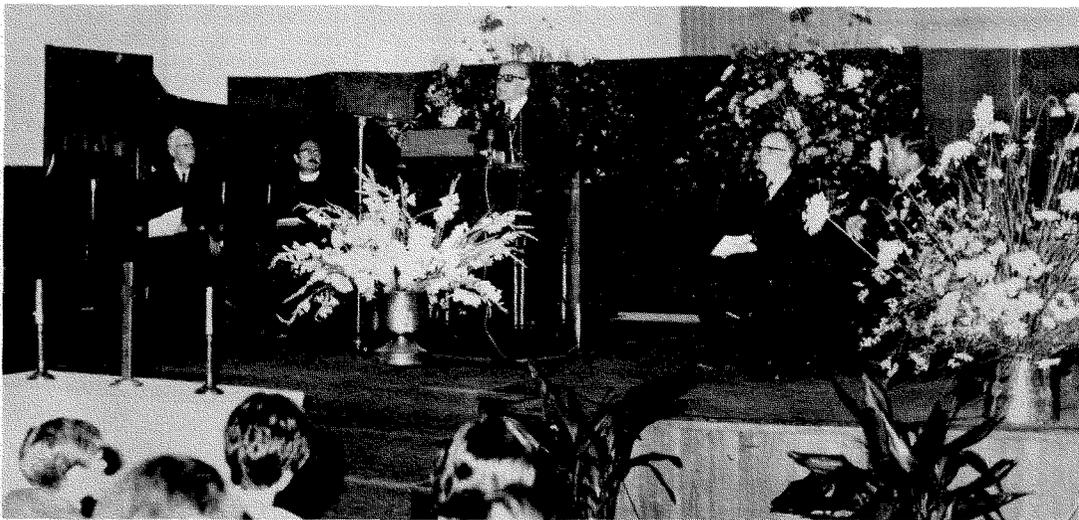


American University of Beirut bulletin

VOLUME XV, No. 30

THURSDAY, JUNE 8, 1972

Dr. Bayard Dodge Dies Prime Minister Attends Memorial Service



H.E. Prime Minister Saeb Salam speaking, with l. to r. Mr. Archie Crawford, Rev. Robert Walker, University Chaplain, President Kirkwood and Dr. Thomas C. Schuller President of International College.

A memorial service for the late Dr. Bayard Dodge, former President of the American University of Beirut, was held on Tuesday, June 6, at the AUB Assembly Hall.

The memorial service was attended by H.E. the Prime Minister, Mr. Saeb Salam, and by Cabinet Ministers, Members of Parliament, religious leaders, ambassadors, senior Government officials, Deans and faculty members of AUB, and a large group of friends. It was broadcast live over Radio Lebanon.

Eulogy

The service began by a musical prelude, followed by an invocation and hymn, and the eulogy was delivered by Mr. Archie Crawford who said:

"We are sad that he is no more with us, but we must thank God for the life he lived and for our good fortune to know him and to be stimulated by his life. Bayard Dodge was a generous warm-hearted man, and fortunately he could exercise philanthropy, but he always did it secretly... He and his wife lived simply and unostentatiously."

Mr. Crawford went on to cite incidents of Dr. Dodge's deep humane feelings he personally witnessed, and concluded saying:

"Dr. Dodge was first a humane man, a hard working, humble, generous, committed man, but above all, a humane man, a great man."

Pure in conscience and spirit

H.E. Prime Minister Saeb Salam paid glowing tribute to the late Dr. Bayard Dodge, saying:

In loyalty to the great man we have lost, I am here with you to eulogize him. I am honoured to be speaking in my capacity as Prime Minister, and on behalf of my fellow alumni.

It was with deep sorrow that we heard of the loss of the late Dr. Bayard Dodge whom we remember with a deep feeling of appreciation, love, and loyalty. I also want to speak of my personal feeling towards our dear and great friend, and of my admiration, affection and respect.

Bayard Dodge was a true and free American. In his life, he was a Lebanese-Arab who rendered much service to the Lebanon and the Arabs.

He was a true American, a humane man, and most generous. He added much noble deeds to the heritage of his noble family, and proceeded along the path set by the great founders of this great institution—Daniel Bliss and Howard Bliss.

In his Americanism, and similar to his two predecessors, he represented all that is pure in conscience and spirit, freedom of thought and generosity. He and his predecessors were a magnificent example in this country of the relation of man to man which is not spoiled by egoism or politics. Bayard Dodge understood the Lebanese people, and the Arab peoples. He was one of them and lived their social, educational and national causes.

The Prime Minister went on to speak at length of the welfare work done by the late Dr. Dodge and his financial aid to the needy during World War I. He also spoke of Dr. Dodge's efforts to strengthen the American University of Beirut, give it a solid organization and pull it out of its financial difficulties.

Prime Minister Salam added: In the days of Bayard Dodge, AUB

prospered and flourished as a fort of patriotism, as well as a lighthouse radiating knowledge to the Levant. It should be recorded as a historic fact that AUB produced leaders and men of patriotism during the Ottoman colonialism, and the severe French mandate. The era of Bayard Dodge was a golden era.

H.E. Prime Minister Salam, in the name of H.E. the President of the Republic of Lebanon, Mr. Sleiman Franjeh, then announced that the late Dr. Bayard Dodge was posthumously awarded the Lebanese Order of the Cedars, of the Grand Officer rank.

Before ending, H.E. Prime Minister Salam presented the condolences of H.E. President Franjeh and the Lebanon to the family of the late Dr. Dodge, and to AUB—President, Deans and students.

(cont'd p. 4)



Prime Minister Salam presenting Lebanese Order of the Cedars to Mr. David Dodge.

OUR NOTICE BOARD

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, June 11, at 9:30 a.m.

An exhibition of "Shells From The Red Sea" will be held at the Jafet Library from June 9 to 18, 1972. These shells from the collection of Mrs. Candy Baker are being presented under the auspices of the Division of Extension and Special Programs.

While Mrs. Baker lived in Jeddah, Saudi Arabia, with her husband, Curtis Baker, and her three sons, she spent much of her free time snorkeling for mollusks. Running up the coast of Arabia is a high coral reef inside of which the shell communities live out their busy times. From these she has personally collected numerous species and subspecies, many differing from habitat to habitat. These have been carefully cleaned, polished and labeled. The Jafet exhibit is a representative sample with relevant information from the interesting 2000-shell collection resulting from this engrossing hobby.

The total results of the AUB Quadrangular Track meet of Saturday June 3, 1972 were as follows:

MEN	
AUB	82 points
Brummana	70 points
ACS	55 points
Choueifat	23 points
WOMEN	
AUB	40 points
ACS	33 points
Brummana	11 points
Choueifat	0 point

3 NEW AUB RECORDS

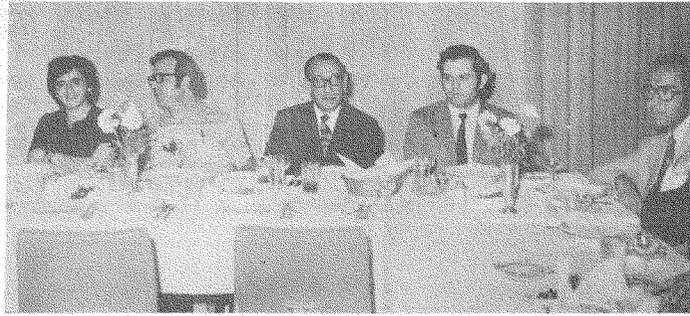
Robert Paeth 1500 Meters
Squad Amiri 200 Meters (Women)
Ingrid Abdunnur High Jump (Women)

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

Medical Chapter Invites Graduating Class



Dr. J. Thaddeus and guests.

The Executive Committee of the Medical Chapter of the Alumni Association invited the fifth year graduating class of the AUB School of Medicine to lunch last week at the Alumni Club. Firmly convinced that graduating students should be initiated into being good alumni before they leave the University, the Chapter introduced this activity for the first time this year. Twenty two members of the class attended the luncheon and were welcomed and toasted by the

President Dr. John Malak. The Secretary Dr. J. Thaddeus next gave a brief address emphasizing the meaning and the lofty spirit of an alumni association, and Dr. John Malak presented the class members with membership cards for three years. He also offered the Chapter's assistance to those who are going abroad for training, by having "our representatives" in the different locations welcome and help the new comers.

English Department Syllabus

In response to suggestions by both students and faculty members, the Literature Committee of the Department of English undertook a detailed study and modification of both course offerings and majors' requirements in the Department.

New Syllabus

The syllabus for the 1972-1973 academic year offers more complete coverage of the field, a more logical and progressive program for literature majors, and greater flexibility in the development of individual programs. The new syllabus is expected to be increasingly responsive to student interests, yet will continue to provide a sound foundation for students proceeding to graduate study at AUB or elsewhere. The revision of limiting dates for period surveys now insures continuous coverage of English literature from Old English to the present. English 223, for example, has been retitled "Contemporary Literature in English" and structured to include both English and American writings since 1940.

New Areas

New courses include English 246, "Gibran and His Contemporaries," and a wide variety of upper division seminars to be offered on student demand. Seminar topics consist of major author and genre studies as well as new areas such as Myth and Folklore in

American Literature, African Literature in English, Islam in 19th Century British Literature, and Arabic Poetry in Translation. Requirements for majors have been raised from thirty-three to thirty-nine major credits, but the prescription of courses has been considerably liberalized by reducing the number of courses required in criticism and philology and increasing the number of electives.

Communication Skills

The English Communication Skills courses are also undergoing extensive revision. The new syllabus for English 103 was used experimentally in the first semester, and gave general satisfaction. It has now been adopted for the year 1972-73. A new English 104 syllabus was tried out in the second semester. Next year it is planned to separate English 201 students into three groups:

- i. students who took Freshman English at AUB,
- ii. students who entered AUB as sophomores or juniors,
- iii. students who scored over 700 on the English Entrance examination, and English majors.

The Communication Skills program also plans to start next year a pilot "writing clinic" for students who have exceptional problems in writing English. It will be a non-credit supplementary course for those already taking a Communication Skills course with the English Department.

President - Faculty Meetings

On May 30, President Kirkwood completed over 20 informal weekly meetings with all members of the faculties, a series which he has been conducting since December 1970. The response from the faculty has been one of enthusiasm and genuine interest, with many expressing the desire to see these meetings continue next year. Dr. Kirkwood feels "...these meetings have brought out many facets of thinking among the various members of the faculty and have given me an opportunity to know the faculty here at AUB better." "I expect to resume these meetings next year," Dr. Kirkwood said.

Several meetings were also held with various groups of students.

New Book By AUB Dr. A. H. Halasa

The last few years have witnessed significant additions and important modifications of our knowledge of the various aspects of the glaucoma.

During his Sabbatical leave and while serving as Director of the Glaucoma Service at the Department of Ophthalmology, University of Iowa, USA, Dr. Adnan H. Halasa became aware of the need for a book that discusses the basic aspects of the glaucomas in the light of new information.

In order to make such information available to the students and practitioners of ophthalmology and at the same time review the clinical implications of new findings, and evaluate older concepts so that the various clinical types of glaucoma are presented in a meaningful and comprehensive manner, Dr. Halasa wrote this book.

The book is divided into Four Sections: Section One is introductory and deals with the history and classification of the glaucomas. Section Two discusses the theory of tonometry and tonography. Section Three deals with the primary glaucomas i.e. chronic simple glaucoma, angle closure glaucoma, and congenital glaucoma, and Section Four with the secondary glaucoma.

An up-to-date list of references is included at the end of each section so that the reader can refer to the original text for more detailed information. The book is a helpful reference to the students and practitioners of ophthalmology.

Prof. John Mirhij Honored



L. to r. Prof. Mirhij, President Kirkwood, Mr. Edouard Honein Minister of Education, and Dr. Najib Abu Haydar.

On the occasion of the retirement of Prof. John Mirhij of the AUB Department of Biology after forty years of service, the Minister of Education, Mr. Edouard Honein, awarded him the Lebanese Order of the Cedars.

The medal was pinned to Prof. Mirhij's lapel by Dr. Najib Abu Haydar, former Minister of Education at a party held in the Alumni Club and attended by President Samuel B. Kirkwood, Vice President George Hakim and a large group of professors and friends.

The Minister of Education, Mr. Honein praised the efforts of Prof. Mirhij in the service of AUB and the Lebanon.

President Kirkwood, as well as Prof. Edwin Prothro, Dean of the Faculty of Arts and Sciences, Prof. Joseph Butros and Prof. Aziz Abdul Karim spoke during the dinner party which followed.

Prof. Mirhij obtained his M.S. from Berkeley, California in Plant Pathology in 1938 and his Ph.D., also from Berkeley in 1948.

Prof. Mirhij was Chairman of the Biology Department for eleven years. He introduced new courses in the curriculum and helped establish the M.S. program in the Department. Prof. Mirhij is member of many professional societies in USA.

Yet Another Donation From Women's Auxiliary



L. to r. Mr. David Egee Director of AUH, President Kirkwood, Mrs. Kamal Khouri President of Women's Auxiliary, Mrs. Monnier Vice President of Women's Auxiliary.

President Kirkwood received in his office last week Mrs. Kamal Khouri, President of Women's Auxiliary and Mrs. Dwight Monnier, Vice President, who presented him with a cheque for L.L. 10,000, a gift from the Women's Auxiliary for the Heart Program conducted by Dr. Ibrahim Dagher at the AUH.

Women's Auxiliary is a voluntary group which offers services to AUH, through donations of gifts and humanitarian activities. L.L. 3,500 to social services and rehabilitation and about L.L. 1,500 for emergency cases of needy patients are monthly donated. All these

gifts are matched by the Rockefeller Foundation Special Grant.

Women's Auxiliary sponsors two major activities annually; a Card Party and a 'Toy-Tea', where money is raised and toys are distributed to children in the Pediatrics Department of the AUH. Mrs. William Buffum, wife of the American Ambassador in Beirut, was hostess to the Tea-Toy Party last March.

A forthcoming activity of Women's Auxiliary will be a lecture on jewelry by Mr. Nabil Tabb'a, to be given in West Hall on June 12th at 3:30 p.m.

Student Council Elections



General view of a voting post.

The AUB Student Council elections were carried out last week in perfect calm and sportsmanship.

Election committees had been set up under the supervision of the Student Council for each of the four University faculties. Each committee was composed of four members—the President and Vice President of the Faculty student society, the Faculty advisor to the society and a representative of the Student Council. The elections, by secret ballot, were supervised by these committees in ten different places assigned on campus for this purpose.

At closing time, the ballot boxes were moved to the Computer Center at AUB where ballots were counted in the presence of the four election committees. The following were elected:

Election Results

School	Eligible Voters	Voters	Elected
A & S (Arts)	1148	572	Nabil Sawabini, Ali Khreinou, Ali Assaf, Yasin Jabir, Muhammad Finj.
A & S (Sciences)	891	480	Imad Kaddoura, Mahmoud Shurayh, Mou'tasim Dimashkia, Fouad Srouji.
A & S (Graduates)	488	155	Mona Abu Azza, Riyad Ashkar, Namir Kurtas.
AGR. (Undergraduates)	112	104	Adil Is.
AGR. (Graduates)	127	110	Mohammad Choudhary, Ali Hammad.
ENG'G. (Undergraduates)	414	385	Mahmoud Dalal, Sinan Sina-nian, Fadi Takiyyuddin.
ENG'G. (Graduates)			Basim Sayigh (unopposed).
ARCH. (Undergraduates)	69	57	Asuman Turbah.
MED. (Undergraduates)			Nidal Sa'b (unopposed).
MED. Sc. (Graduates)			Adnan Abla (unopposed).

(cont'd from p. 1)

Memorial Service For The Late Bayard Dodge

A Tall man in any land

The Prime Minister was followed by Dr. Thomas C. Schuller, President of International College, who paid homage to the memory of the late Dr. Dodge.

"Bayard Dodge has touched the lives of us all by word and by deed, and by his very concern for our well-being. His love for mankind was not constrained by limits of geography," he said.

Dr. Schuller referred to the late Dr. Dodge as a tall man in any land, saying the example of his service will have its positive impact upon countless students of many ages who will follow in his footsteps—for, wherever he walked, the grass became greener.

...A vacant place against the sky

The last to speak was Dr. Samuel B. Kirkwood, President of the American University of Beirut, who said:

Humbly, I speak to the memory of Bayard Dodge, the third president of the American University of Beirut.

How can one measure the influence of a man?

By his deeds, of course. But certainly by something more: by his own spirit, by whatever it is that adds up to the motivations of his actions, to the thoughts he expresses, to the meaning he unconsciously gives to himself in the eyes of others.

Bayard Dodge was chosen president of our institution in 1922. He was, in fact, the *first* president of the American University of Beirut, for it was in 1920 that the SPC became the AUB, that the College became a University. He was a young man of 35 then.

He took into his hands a school still suffering from the effects of a World War, in financial difficulties, and with many of its most outstanding teachers gone. It was a time, too, when the nature of its work was changing, for the post-war world promised to be a vastly different one. The old empires had disappeared and new mandates had come—and life in Beirut and elsewhere would change. Bayard Dodge wrote in his first annual report, "The year 1923-24 marks a new chapter in the history of the AUB."

He saw this more than anything else as an opportunity. Bayard Dodge said, as he accepted the presidency.

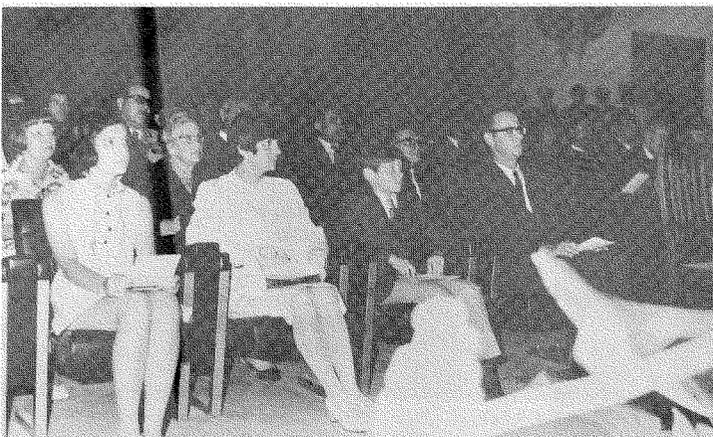


General view of the Assembly with Prime Minister Salam and Mr. and Mrs. David Dodge in first row.

"Our University must have no share in tearing down the intellectual structures of the past, so as to leave ruin in their place. It should be our part to respect the great historic dogmas of mankind, and to interpret them to the youth of our day in a language which they can understand, that they may know that God is still in His heaven, and that we still live and move and have our being with Him. It is not our part to destroy but to fulfill."

So he built:

He sought students from the Middle East, Africa and beyond, and



Mr. and Mrs. David Dodge and family.

they came in increasing numbers.

He developed the spectrum of education from elementary school to University—as you have heard, he brought I.C. to Beirut and AUB—with what was then a dramatic reorganization of the academic life of the University, a new concept of the inter-relation of disciplines.

He brought change into the course of work that recognized the needs of the people of the Region—in fact, he practiced *relevance* long before the word became a world-wide cry.

He added a new dimension to college study at AUB with his emphasis on social work—the Village Welfare Service, the Institute of Rural Life, the West Hall Brotherhood, the Civic Welfare League.

He instituted the concept of "honors" work, leading to the M.A. through seminar and tutorial conferences, library reading, and participation in research—methods dedicated to the reach for excellence.

He brought strength to the Faculty to meet the needs of increasing student enrollment and of the insistence upon a program of high stan-

He maintained a remarkable financial stability in the face of almost continued financial urgency—and how many of the anonymous contributions of that time were his own, no one will ever know.

So, Bayard Dodge served AUB as president for 25 years, and after leading the University through another World War, he retired.

He was a vigorous man, he was tall, and he saw far.

He was a scholar. He studied throughout his life, and he wrote with a sure and practical pen.

He was a man for whom others gladly worked because he worked *with* them.

He was a man of faith, and it was a faith so simple that it could include all men, no matter what their own beliefs. "Religion seems to be a consciousness of God," he said.

The world granted him many honors—and justly so—and when he passed he left, as a poet said, "...a vacant place against the sky."

But "vacant" only in the knowledge that no one can fill his place. For Bayard Dodge—and for all of us—the University will always stand in his stead:

«God grant,» he said, «that the American University of Beirut may continue to uphold the ideals which have made it honored for a hundred years, and that the graduates may have no small share in bringing to our confused and dangerous world peace on earth, good will to all mankind.»

Those were the last words Bayard Dodge spoke to a public gathering at AUB.

At the end of the memorial service, Mr. and Mrs. David Dodge stood in front of the Chapel entrance and received condolences.

He opened the halls of Arts and Sciences to women for the first time—a bold step in those days.

He established the Institute of Music with Alfred Cartot as its Honorary Director and Mentor.

He raised new buildings—Chemistry, Van Dyck, the old OPD, Dale House, and a new hospital facility.

American University of Beirut bulletin

VOLUME XV, No. 31

THURSDAY, JUNE 15, 1972

New Organ For Assembly Hall

A Donation From Mr. B.D. Eddie, AUB Trustee

During the memorial service at the Assembly Hall last week for the late Dr. Bayard Dodge, people were surprised not to see the old organ in its usual place. Several weeks ago, the careful dismantling of the old organ was completed. It is to be replaced by a new organ which only arrived a few days ago.

THE NEW ORGAN

The new organ is huge and grand. It weighs four tons, twice

feet, up to the high, bright mixtures. To facilitate the registration task of the performer, adequate coupling and combination pre-sets are provided, and for variation of dynamics large areas of the organ are under expression through foot-operated swell boxes. The installation of this fine instrument will constitute an event of the greatest significance in the musical life of the University, the Lebanon, and the Middle East.

Three experts from the firm of Marcussen and Son have arrived

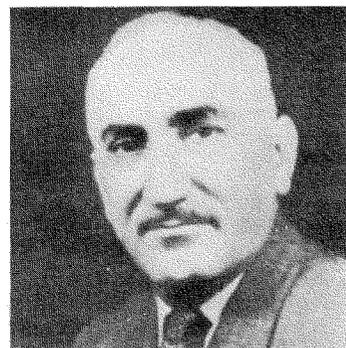
gan to replace the old one—estimated cost \$60,000.

THE OLD ORGAN

The dismantled parts of the old organ are being preserved in special crates. The old organ which weighed two tons was installed in 1890. It was constructed by the firm of Alexander Young of Manchester.

In his annual report of July 1891, Dr. Daniel Bliss said of the old organ: "At Mr. Monroe's suggestion, the maker of the organ came and set it up in its place; in our inexperience, and with the limited means at our disposal, it would have been impossible for us to have erected it properly. Those who are judges of music pronounce the organ to be a fine sweet-toned instrument."

Mr. Elbert B. Monroe, son-in-law of Frederick Marquand, noted the inadequacy of the original chapel in College Hall when he visited the campus in 1886. In



Mr. B.D. Eddie

From 1923-1948, the organ was played by the Director of the AUB Institute of Music, Mr. A. Kouguell. Since 1949, Prof. S. Arnita has been the University organist and director of the University choir.

A special committee has been formed to supervise the installation



The three Danish experts opening the crates which contain the parts of the new organ.

the weight of the old one. It was built by one of the most distinguished firms in the world, Marcussen and Son, of Aabenraa, Denmark, founded 166 years ago, and consistently noted throughout this long period as leaders in the design and manufacture of baroque instruments. All such organs are, of course, custom made, and once the specifications are completed and the contract signed, the purchaser must expect to wait in the queue, as it were, about two years before the building, requiring six months or so, can begin. Our Marcussen organ has three manuals: the Hauptwerk has eight stops, the Oberwerk nine, the Brustwerk seven, and the pedal nine. All of these ranks of pipes and volume together comprise an instrument of considerable scope of timbre, with proportional balance of diapason, reed, flute, mixtures, and one soft string. The range of pipe lengths extends from the deep sixteen-foot sounds through the unison eight-

in Beirut to supervise the installation and tuning of the new organ. This is expected to take three months, when the new organ will be ready for performing.

RESTRICTED GIFT

The new organ is a restricted gift to AUB. It is donated by a member of the AUB Board of Trustees in New York of Lebanese origin, Mr. B.D. Eddie—formerly Adib 'Eed from Marjoun, Lebanon.

Aside from his activities as a prominent entrepreneur, Mr. Eddie has devoted an extensive amount of time and energy to educational, welfare and civic endeavors. He has been awarded many honorary degrees.

Mr. B.D. Eddie was elected to AUB's Board of Trustees in April 1954. In 1965 he established the B.D. Eddie Organ Fund at AUB to finance specifically the construction and installation of a new or-



The Old Organ, now dismantled.

1888 he provided for the building of the present chapel or "Mahfell" as it was then called, together with the old organ and other equipment.

Prof. Anis Makdesi told the Bulletin that for almost thirty years after the old organ was installed, the "occasional organists" were Prof. Day of the Department of Biology and Mr. Frederick Bliss, brother of Daniel Bliss.

of the new organ. It is headed by Provost Samir Thabet, with Miss Diana Taky Deen, Prof. Salvador Arnita, Mr. Tom Weaver and Mr. Nedko Etinoff as members. Provost Thabet expects the new organ to be ready early next November.

Preparations are already underway for the inaugural ceremony and for a series of musical organ performances by world famous organists from Europe and USA.

Faculty Briefs

PROF. HALLAB OF AGRICULTURE

Prof. A.H. Hallab was invited by UNICEF to attend the First WHO/FAO/UNICEF Seminar on Food Control which was recently held in Tehran where he presented the following three papers:

i. Importance of Food Control in setting standards of quality for raw materials, ingredients and final products.

ii. Inspection and sampling in food control.

iii. Laboratory facilities and analysis.

In addition to representatives of the United Nations Agencies, the seminar was attended by official delegates from Afghanistan, Bahrain, Iraq, Iran, Kuwait and Saudi Arabia.

PROF. JAFRI OF RELIGIOUS STUDIES

Prof. Syed Husain Jafri of AUB's Department of Religious Studies has contributed to the new edition of the second volume of *al-Munjid fi'l-'Alam* which deals with historical, religious, cultural and social terms. In this widely used dictionary Prof. Jafri has

written all the historical terms and names pertaining to India, Pakistan, Afghanistan, Mongoles, Central Asia, and the Turks. *Al-Munjid* is published by the Catholic Press, Beirut and the new edition will soon be on sale.

PROF. SABAH OF ELECTRICAL ENGINEERING

Prof. Nassir Sabah, associate professor of Electrical Engineering, was invited by the Society for General Systems Research to deliver a talk on "Aspects of Cerebellar Computation" at its European Meeting on Cybernetics and Systems Research which was held

in Vienna recently. Professor Sabah's main topic concerned the functioning of the brain as a special purpose computer. On account of the interest shown in the subject matter, Prof. Sabah was asked to give a short talk on the same subject on the Austrian radio.

PROF. SAKKAL OF MECHANICAL ENGINEERING

A paper entitled "A Fiber Optics Probe for Measurements in Emitting-Absorbing Flames" by Prof. F. Sakkal, AUB Associate Professor of Mechanical Engineer-

ing—with Mr. J. Heberlein and Prof. E. Pfender, as co-authors—has appeared in the April 1972 Issue of Transactions of the ASME Journal of Engineering for power.

PROF. DAJANI OF MASS COMMUNICATIONS

Prof. Nabil Dajani of Mass Communications will participate in a UNESCO Workshop on Communication Policies and Planning which will take place in Paris next month.

The purpose of this workshop is to bring together a number of experts in the field of communication research, the design of media systems, the economics of communication and the planning of national economic and social development programs.

Prof. Dajani, together with other participants, will explore the means and methodologies

which might be applied to the formulation of national communication policies and the preparation of communication strategies as an integral part of social and economic development planning.

Later in November Prof. Dajani will attend two other UNESCO meetings. He will participate in a two-day panel of consultants on communication research and will also read a paper on "new communication models" at a five-day UNESCO symposium on communication research which will precede the panel.

While the new organ is being installed in the chapel, university worship services will be held in the Faculty Lounge of Dodge Hall, Sunday, June 18, at 9:30 a.m.

Sec. Gen. of National Research Council At Sigma Xi Banquet



L. to r. Mrs. Naffa', President Kirkwood, Mrs. Farah, Dr. Naffa', Dr. Farah.

The AUB Society of the Sigma Xi recently held its annual banquet at the Carlton Hotel. Dr. Joseph Naffa', Secretary General of the National Research Council, was the speaker at the banquet which was attended by President Samuel B. Kirkwood and about 100 members and guests.

Dr. Naffa' discussed the problems of financial support for basic and applied research in Lebanon as well as the dearth of opportunities for young science and engineering graduates. He said that the attention given by a country like Lebanon, despite its limited potential to scientific research, is indicative of the appreciation shown by the State for science and for the right scientific orientation of the people.

Dr. Naffa' spoke of the importance of scientific research in supporting the country's industry and its growth and development, and of the resulting favourable effects on its economy. He praised the efforts of the Society of the Sigma Xi in the field of scientific research, pointing out that members of this Society include a large number of scientists and specialized professors.

President Samuel B. Kirkwood made a statement in which he stressed the challenge for careful

balance at a university between research effort and good teaching. A total of 16 scientists were initiated as new members to Sigma Xi, all of whom hold the Ph.D. degree or the M.D. degree with additional training in basic science. Publication and research intent are the important criteria for membership. The admissions committee this past year was chaired by Prof. F. Heineken of AUB's Department of Physics. The President of Sigma Xi, Dr. Fouad S. Farah reviewed the year's activities which sponsored 5 lectures by internationally known scientists and an especially successful symposium on Energy Resources. The program committee, chaired by Dr. Gordon Sweatman, and composed of Professors Enid Pascoe, Niel Hulings and Essam Nasser was responsible for the year's activities together with the society's Secretary-Treasurer Prof. Frank Regier. The past president of Sigma Xi, Prof. Landry T. Slade, presented the Master's Thesis Excellence Awards to three MS students at AUB—Mr. Zaydan Abul-Hayja in Plant Pathology; Mr. Asbed Vassilian in Chemistry; and Mr. Ioannis G. Karis in Food Science. The banquet ended with Dr. Fouad Farah turning over the presidency to Dr. Gordon Sweatman.

Chairmen of Alumni Standing Committees

The Council of the Alumni Association elected last week the chairmen of the various standing committees. The following members were unanimously elected:

Club Committee — Samir Abu Jawdeh, B.Sc. Agr. 1958.

Scholarship Committee — Alfred E. Diab, M.D. 1932.

Relations & Welfare Committee — Adib Kaddourah, Ph.C. 1938.

Publication Committee — Jacob Thaddeus, M.D. 1950.

Finance Committee — Nassib

Mroueh, B.B.A. 1953.

The Managing Board which is the executive body of the Association consists of:

President: Najib Alamuddin
Vice President: Fawzi Malouf
General Secretary: Khalid K. Musfi

Treasurer: Samir Abu Jawdeh
Member at large: Samir Mishalany

All above members will be in office for one year ending May 1973.

Alumnus Revisits AUB



"I used to sit here 61 years ago."

The bare-headed stocky old gentleman of 76 with a black walking stick who daily roamed the campus for almost three weeks in May and June, and who must have been seen by hundreds of us, was a student here in 1911.

Andrew Young, alias one of those difficult names which must be spelled out letter by letter, had his name chosen for him by a US Judge when he was made a citizen of the United States of America. "Son", the Judge said to him, "Why don't you choose a simple American name?" As he stood before the Judge unable to think of a name, the Judge relieved him of his mental agony, saying: "You shall be known as Andrew Young. How do you like that?" And Andrew Young has been happy with his name ever since.

Mr. Young who lives in Maine, USA, with his two sons and grandchildren told the Bulletin that he had been dreaming all these years of seeing the "Syrian Protestant College" again. He did, this year, when he came to Beirut on a chartered trip. He stayed at a hotel near AUB, and spent almost every hour of every day either rediscovering the campus or resting on a bench. He did not go anywhere else.

He was fifteen years old when he was sent by his parents in Europe to study here for three years. His sharp memory saw the old buildings he knew, the campus of those days, the "tunnel where we used to hide and smoke!" No women were allowed on campus in his days. When his sister travelled to visit him in 1914, she stayed with a family for about three months not far from the campus.

Just before he left Beirut at the end of the trip he said he was thinking of bringing his grandson to study here at "my college." He left with plans to come back again, on another pilgrimage to the campus of his boyhood.

In Recognition of Highest Attainment of Scholarship During First Semester 1971-1972

The Dean's Honor List of the Faculty of Arts and Sciences has been announced and distributed. To be eligible for the list a student must (1) be a full-time student, (2) have achieved an average of at least 80, (3) rank in the top ten percent of his class, (4) have no failing grades in courses which carry credit, (5) have no incomplete grades, (6) have no disciplinary action against him, (7) be deemed worthy by the Dean to be on the Honor List.

Of the 203 students on the Dean's Honor List, the following have attained averages of not less than 90:

Senior Class (52 in all)	
Jakaman, Henry	96
Sabri, Miss Amal	95
Atik, Samir	94
Haddian, Miss Eileen	94
Tawil, Mark	94
Mayla, Michel	93
Karakashian, Ohannes	91
Samarah, Miss Samya	91
Baramki, Alexander Anwar	90
Dold, Miss Adrienne Elizabeth	90
Hani, Miss Sarar	90
Kassarjian, Garabed	90
Ourfalian, Peter	90
Junior Class (58 in all)	
Istfan, Nawfal	95
Rajabi, Muhammad Rifai	95
Akil, Samir	94
Baalbaki, Ramzi	93
Shuayb, Samir	93
Khuri, Miss Layla	92
Krummacher, Miss Sybille Dorothea	92
Neat, Patrick Ludwig	91
Sakr, James	91
Yff, Philip Nicholas	91
Andrews, Charles Bryce	90
Hunaykati, Miss Samya	90
Hush, Jubran	90
Janin, Yves	90
Sophomore Class (69 in all)	
Spurr, Stephen G.	93
Subaytani, Usamah	93
Fletcher, Miss Madeleine	92
Bazzy, Miss Alla	91
Abu-Haydar, Miss Rina	90
Darakjian, Nazareth	90
Khattar, Miss Camille	90
Makarun, Michel	90
Sumat, Ilyas	90
Freshman Class (22 in all)	
Banda, Ramzi	94
Antipas, Aristo Misel	93
Dajani, Miss Aida	91
Hashwah, Miss Nahlah	90
Kanawati, Isa	90
Tukan, Khalid	90
Special (Full-Time) Students (2 in all)	
Nukhkhuh, Roger Nimah	95

A & S Final Exams

The final examinations of the Faculty of Arts and Sciences for the second semester of 1971-72 will begin Saturday, June 17, at 8:00 a.m. and will continue through Monday, June 26.

Proctoring the examination of a course is the responsibility of the teacher of that course.

Prof. Edwin T. Prothro, Dean of the Faculty has reminded teach-

ers of the practice to submit semester grades to the Registrar not later than 72 hours after the final examination.

Make-up final examinations for students who were absent from the examinations for *valid* reasons will be given at the end of summer, or, within two weeks after the final examinations if teachers are available and are willing to give the examinations.

Alumni Giving Reported

The Office of Development reports gifts and pledges from Alumni of L.L. 142,844 as of June 14th. Donations which are being received daily are in response to an appeal to 7,500 AUB Alumni in the Middle East, Europe and Africa. Alumni in North and South America have already contributed \$30,553.81.

The letter appeal from Mr. Basim Faris, Chairman of the Alumni Appeal was sent airmail during the month of May. A follow-up letter from President Kirkwood was sent surface mail with the President's Annual Report, but this is not expected to reach some alumni in distant areas until July.

Because of the distances involved and in some cases complicated currency regulations the response to the appeal is expected to extend over the next several months. The initial response is considered good by the Office of Development with 1.7% of the alumni or 130 persons contributing since the beginning of the appeal on May 1st.

A number of Alumni have pledged L.L.1,000 per year for the next three years in reply to a special letter to "600 Friends of AUB" from Dr. Ibrahim Mufarrij. One alumnus telephoned from Amman to say that he was giving \$500 immediately and pledging a similar amount for 1973 and 1974. A recent graduate of the Nursing School came into the office with L.L.50.00 to express her support of the University, her only regret being that she was unable to give more.

Many thoughtful statements have accompanied alumni contributions but perhaps most moving of all was a letter from a Medical School graduate who confessed that family obligations over the years has left him unable to write a valid check for L.L. 1,000. However, he had discussed the matter with his family and they had agreed that they would send a negotiable check for L.L. 100 for the next 30 months. "We are doing this," the doctor wrote, "because we believe it is time to do something materially for the AUB; we also hope that many of the 600 will be able to do more than the bare minimum that we have been able to do ourselves."

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

The Late Dr. Bayard Dodge A Way of Life

The memorial service at the AUB Assembly Hall on June 6 for the late Dr. Bayard Dodge, President Emeritus, was fully covered in last week's Bulletin and by the various local news media. Several articles extolling his achievements have already appeared. The following article pays further tribute to his memory.

Bayard Dodge D.D., LL.D., *honoris causa* from Princeton, Yale, Occidental and a number of other universities—the keen scholar, skillful administrator, dedicated President, tireless and shy philanthropist, family man, modest, selfless, understanding—is perhaps better remembered as a way-of-life, so difficult to copy because it is so demanding.

Dr. Bayard Dodge, a good American and good Samaritan, spent three quarters of his 84 years of life on active service in and for the Lebanon and the Middle East. Together with a number of other Americans, he was the Arab lobby in the US.

His first association with work in this part of the world began in 1913 as Director of West Hall and executive secretary of Y.M.C.A. Besides his splendid service to the College community during World War I, he gave much material assistance to relief work in the famine stricken Lebanon. His services in 1920 as Director of the Near East Relief which was set up by private American effort, including that of the Dodge family, mainly for the relief of Armenians, are a saga of vivid and moving narratives. The Near East Relief later became the Near East Foundation which has a broad educational purpose and is run by private American contributions to help particularly in Agriculture.

On Aug. 22, 1922, Bayard Dodge was unanimously selected president of AUB. He was "magnificently equipped" for the presidency, both by nature and experience. Son of Cleveland H. Dodge and great nephew of D. Stuart Dodge he carried on the family tradition of service to the Near East.

The attitude of the faculty toward the new appointment was expressed in the last annual report of the acting-president Edward F. Nickoley who said of Bayard Dodge:

"He is optimistic and buoyant with hope for the future, he is endowed with an unusual capacity for continuous application and arduous labor, and, best of all, he has the good-will and the confidence of the entire University community in Beirut, as well as of



Bronze Portrait Bust of Bayard Dodge at Jafet Library
donated by his daughter

The inscription reads:

BAYARD DODGE
PRESIDENT 1923-1948
Bronze Portrait Bust
by Malvina Hoffman
Gift of Mrs. Johnson Garrett

all the friends of the University throughout the Levant. With the newly inaugurated President thus equipped, it is more than a mere formality or the expression of a pious hope to prophesy an era of success and prosperity for the University during the years to come."

MACEDONIAN CALL

In his first annual report to the Trustees, President Dodge wrote: "The year 1923-24 marks a new chapter in the history of the American University of Beirut." Stephen B.L. Penrose, Jr. who describes President Dodge as a natural diplomat, refers to this passage in his book *That They May Have Life* in the following terms:

"Without any question the statement was true. The University faced such an opportunity for augmented service to its constituency as has rarely occurred in the annals of higher education. The Macedonian call was heard from no less than ten countries, created *de novo* since the war or wakened to new life by its jarring influences."

"Send us men," they called, "leaders to man our public offices, guide our development, educate us in a way of life that may make us strong. Send us men of vision, men we can trust, men with principles, men who know what is right with courage to do the right."

"From Lebanon and Syria, Palestine and Transjordan, Iraq, Arabia, Bahrein and Kuwait, Persia, Ethio-

pia, Zanzibar and the Sudan came the call." It came to the American University of Beirut with special force because for fifty-eight years the Syrian Protestant College had been supplying just the kind of men who were needed for the new countries, men equipped to man public services, care for the sick and teach, and Bayard Dodge and AUB saw this dire need, and at once took up the challenge.

The list of AUB graduates in key and leading government positions and other walks of life in these new nations began to grow rapidly, and continues to do so now of course, almost half a century later.

AUB — LINK BETWEEN EAST AND WEST

In his inaugural address on June 28, 1923, President Dodge provided an excellent guide to an understanding of the view which the American University of Beirut takes of its spiritual responsibilities. He said: "The University does not have the negative aim of tearing her students from the formal affiliations and ceremonies of the ancient East, but rather the positive aim of sharing with them the spiritual experience of the growing West. The institution forms a link between East and West; a channel for the exchange of ideas between the two."

Commenting on the above, Amin Rihani, the well-known man of letters, said:

"We think of Education as training in every phase of life, and we shall strive to turn out a well-balanced type of manhood."

President Dodge in his
inaugural address,
June 28, 1923

"When you listen to President Dodge you feel assured that the American University of Beirut leads the world universities in freedom and tolerance."

The remarkable growth of AUB during his 25 years of service as president is known to all. He sought students, developed education at the University, strengthened the faculty, established institutes and raised new buildings.

MORE WORK

When he retired, he applied his piercing mind to more work connected with this part of the world which he loved. He helped set up UNRWA and wrote and spoke a good deal on the Arab cause.

Dr. Dodge has left numerous publications to his credit. He completed his translation of *Al-Fibris*—by Muhammad Ibn Ishak Al-Nadim—which he had begun many years ago as a hobby, as far back as the thirties while President of AUB. His other well-known publications are: *Outline of History from Cyrus the Great to the Emperor Hadrian*; *The American University of Beirut*; *Al-Azhar, a Millenium of Muslim Learning*; *Muslim Education in Medieval Times*.

In a long interview conducted by John and Elizabeth Starkey for the *Aramco World*—to be published soon in the July-August 72 issue—Dr. Dodge is quoted saying:

"It was easy to see we had a great deal to share with the Muslims—much more than we had to differ with them on. A really good Muslim and a very good Christian have a lot in common."

"Actually, the university is fortunate to be located in Lebanon. Lebanon is a unique country and the Lebanese are very broad minded and independent."

The man who loved horseback riding, camping and hiking in the Lebanon, remained active all his life, a life which came to a peaceful end in Princeton, N.J. on May 30, 1972.

In World War II he lost a son. He is survived by his widow, who is as affectionately remembered as he is, by two daughters, one in Paris and one in California, and by his son David—who lives here in Beirut—and whose son is named Bayard Dodge Jr. The Dodge saga and way-of-life will go on.

bulletin

The Best Things in Life Are Not Free

The appointment by President Kirkwood of a faculty committee to review and evaluate all activities—both academic and support programs—of the American University of Beirut is felt to be a most serious step particularly when it is certain that during the review process major questions will have to be asked regarding the basic mission of AUB, and consequent priorities. Evidently, financial difficulties have prompted the appointment of this committee.

For more information on the subject, the BULLETIN sought an interview with Vice President Dwight C. Monnier who talked at great length of countless interconnected problems to be considered before a solution can be adopted.

Dr. Monnier began by the cheerful remark, "AUB has weathered crises of all types during its distinguished history as imagination and innovation are part of its heritage."

He then proceeded to explain the present situation in AUB:

Difficulties

The financial difficulties which AUB sees ahead are common to higher education everywhere.

Since the causes are diverse and complex, the solutions sought by many colleges and universities will of necessity demand much greater scope than merely accelerated fund raising campaigns. The problem is related to rising costs everywhere and to basic economic factors, and it would be naive to assume that a simplistic solution is possible.

There are at least four basic causes of the dilemma confronting AUB and other institutions of higher education.

Dr. Monnier went on to elaborate on the first cause, *Pure Quantitative Growth*: In 1970-71 AUB had 3,997 students compared with 2,177 in 1957-58. The pressures for admission to AUB are steadily increasing and ceilings have been revised upwards. In 1971-72 AUB admitted only one out of ten applicants to the freshman and sophomore classes.

Q. How has this quantitative growth increased the University's costs?

A. Very simply, since tuition and fees amount to only 20.3% of AUB's revenues, the balance must come from other sources such as endowment income, gifts, grants, and sales of services.

There are other important factors. At the University hospital, the number of out-patients has increased tremendously—by 15% over the past five years—and the additional 105 beds in the new medical center have resulted in approximately a 26% increase in in-patients, and in a 50% increase in the number of AUH employees—from 636 in 1967 to 956 in 1972.

Moving to the second cause, *Expansion of Physical Facilities*, Dr. Monnier pointed out that the Medical Center and the Chemistry Building were constructed and furnished recently entirely by grant funds awarded by the U.S. Government, but that the responsibility for operating and maintaining these sophisticated building lies in the Physical Plant Department.

Q. What does this mean in costs?

A. More sophisticated labor is required, and replacement parts cost more, but perhaps more important of all there is a great deal more of everything to be operated and maintained which means more people to do the jobs. In 1971-72 the physical plant has 54% or 74,000 more square meters of floor space to take care of than it had in 1964.

Of the third cause, *Upward Push for Increased Salaries and Wages*, Dr. Monnier had this to say: Everyone at AUB knows that salaries and wages have increased tremendously over the past few years, and that living costs have risen equally dramatically. But unlike industry or private business, the university has not passed its increased costs directly to its principal consumer—the families of students.

Coming to the fourth and unmanageable cause, *General Inflationary Pressures*, Dr. Monnier said: Every year everything costs more. This is a phenomenon to which world economists devote a great deal of time.

At AUB, the problems of infla-

tion are compounded by increased courses and programs and particularly by new required government programs relating to social security, health, medical care and retirement benefits. For example the cost of the National Social Security Fund sickness and maternity scheme added nearly \$175,000 yearly expense to the university at one full swoop.

Q. Can you tell us how you balance your budgets?

A. There are two major ways by which budgets can be brought into balance. Each is simple to state; neither is simple to achieve. One way is to increase income; the other is to decrease expenses.

To increase income is not quite as easy as it sounds. Annual giving to AUB by its alumni and friends is but a fraction of what it might be.

Tuition

The very small percentage of the actual costs of education which AUB students pay is very low by comparison with any U.S. private institution but high by comparison with state supported universities in the area. It is obvious therefore, that AUB tuition and fees must be increased over the next several years as the financial problems of the university continue to develop.

In this connection, two caveats are offered. The reasons for the increased costs to the student and his family must be explained as clearly as possible; sums must be allocated for additional scholarship and student employment programs. The latter is of particular importance, for otherwise, students from low income families will be priced out of an AUB education.

Solutions

Other possibilities are being examined, such as an increase in hospital and private clinic rates. Losing food services must be brought to at least a breakeven basis, otherwise alternatives must be found. We are gradually reducing our work force whenever possible, but this action is not taken lightly, considering the human element and the relatively limited opportunities for semi-skilled workers in Lebanon.

To ease the personal hardship inevitably caused by such a policy, we are attempting to reduce the work force, insofar as possible, through attrition. Where this is not possible, a seniority system operates so that for the competent worker "within the scale" the last one hired, is the first to be laid off. Members of the Syndicate Council have pointed out quite rightly from their point of view, that the University can save as much money from the termination of a single member of the faculty or administration as from the discharge of several workers. In fact, major savings will have to come from the Personal Services portion of the budget, for that is where the majority of expenses are incurred.

Q. What solutions are being contemplated?

A. The basic problem is that inflationary pressures are increasing expenditures faster than we, (and many other institutions) can increase income. As stated earlier, there is no one single, simple resolution, and a complete program review must be undertaken.

Careful consideration will have to be given to student-faculty ratios, possibilities for increasing the teaching load, faculty rank mix and support staff ratios. Perhaps, just perhaps, finances will force AUB to concentrate on fewer academic areas, to selectively prune its course offerings, or to provide graduate studies only in areas where it can clearly lead the way.

Dr. Monnier concluded by saying: Yet, the position the university holds still has hope and promise. Even now, as faculty, students, alumni and friends become aware of the financial crisis, ideas are being generated. Indeed, even in the non-academic areas, plans are being developed for generating additional income while continuing to serve the needs of the area. For example, the Business Services Office, in cooperation with the University Extension Office and a private foundation, is developing a series of short-term training programs for supply management personnel of the Gulf area. Although AUB does not give college credit for this level of training, it is nonetheless an education venture.

OUR NOTICE BOARD

Various receptions in honor of the AUB 1972 Graduates are being arranged.

Prof. and Mrs. Amin F Haddad are giving a reception in honor of Pharmacy Graduates at their home on Tuesday, June 27th, 6-8 p.m.

Dean Raymond S. Ghosn has sent invitations for a reception on the East Terrace of the Bechtel Engineering Building from 5:00 to 6:15 p.m. on Sunday, July 2nd in honor of the Graduates of the Faculty of Engineering and Architecture and their parents.

Dean and Mrs. Edwin Terry Prothro are holding a reception on Sunday, July 2nd, 5-6:15 p.m. in the Nicely Hall garden in honor of the Graduates of the Faculty of Arts and Sciences.

Preparations are underway for the AUB Commencement Exercises on Monday, July 3, 6:30 p.m.

The program of performance rating for Non-Academic Personnel which was introduced in 1969 was successful due to the cooperation of the supervisors concerned.

Departments which have not yet submitted the Rating Reports of their employees—due on April 30, 1972—are requested to do so immediately.

The Lebanese Government has announced that Lebanon will go on Daylight Saving Time as of Thursday, June 22.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.

Editor: George Salhab.

AUBites in USSR

A good number of AUB students visited the Soviet Union during the Easter holidays. On her return to AUB, Mona Audeh of Mass Communications described the trip in the following story:

The activities of our group of 35 were co-ordinated by Prof. Thomas Stickley of the School of Agriculture. During our 10-day visit to Moscow and Leningrad, he was lively and energetic, and took what disappointments we had in his stride.

Majestic Structures

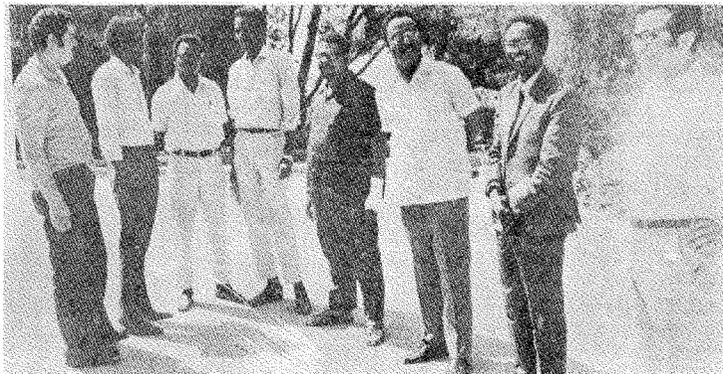
The palaces, cathedrals, and fortresses were very impressive. They were representative of the splendor of the royal families and the aristocracy. We continually asked ourselves how these majestic structures had been built, and in such a short time—Catherine's Palace, in Pushkin, was built as we were told in less than 10 years, by nearly half a million laborers.

These architectural structures are elaborately decorated with precious gems and stones from the various regions of the USSR. Some of the pieces on display in the palaces and museums were gifts from the monarchs of great European nations of the past. They are also rich in paintings by Russians and foreigners. Many of the precious icons have been transferred to museums, where they are well preserved.

But we were more interested in the people themselves.

Three Natashas

It was difficult finding people who could answer our endless questions on this subject. Very few Russians we met could speak a second language. We were forced to rely on our guides in this respect. All three of our guides were named Natasha, and we were lucky that Natasha no. 3 proved to be most open and responsive when it came to our endless questions.



Delegation of students from the University of Khartoum who visited AUB recently.



The Kremlin Bell

Muscovites

Our first impression was negative. Travelling in the metro on the first evening of our arrival in Moscow, the people seemed so disinterested in everything around them. We waved and smiled to them, but received no response, except passive stares. We had forgotten that it was late at night, and everyone was tired from a hard day's work.

... and Leningraders

Leningrad's people were more friendly. After comparing, we could better rationalize the behavior of the Muscovites. In any country, the populace of a large city is more distant, and constantly in a hurry with no time to waste on trivials. Leningrad is smaller than Moscow, and the difference is obvious in the behavior of its people who are more exposed to foreigners, due to its nearness to the Scandinavian countries—Helsinki is only a 6-hour bus drive from Leningrad.

The trip was an interesting experience for most of us. We learned some truth about a country we had only been exposed to indirectly, and saw a different way of life.

AUB in US PRESS

Dr. J. Paul Leonard, former president of the AUB (1957-1961), spoke on "The Near East Situation" at a meeting of the Mt. Diablo Chapter No. 524 of the American Association of Retired Persons in Sun Valley, (*Contra Costa Times* of Walnut Creek, California).

Celebrating the 105th anniversary of its founding, the Alumnus of the American University of Beirut, together with the Southern Federation, sponsored a reception two months ago in Houston, Texas. Alumni from several states attended the reception which included cocktails and a Lebanese buffet followed by a discussion of foreign affairs by Dr. Robert W. Crawford, Vice President of the University. The committee was headed by Dr. Wadi Suki, surgeon at Methodist Hospital and an alumnus of AUB. Others on the committee were Mary Helen Bosby, Eileen Cook, Rose Zwan and Lorise Mansur. *Heritage*, N.Y.

"The Boys of Baghdad," a children's book written by Mrs. Bahija Lovejoy and illustrated with photographs of life in Baghdad, was reviewed by the *Franklin News-Record*, Somerset, N.J., and *Manille N.J. News*.

A native of Iraq, Mrs. Lovejoy was the first Iraqi woman to leave the country to receive a college education. She did her undergraduate work at AUB, and graduate study at Radcliffe College, USA. She is also the author of "Other Bible Lands," and "Land and People of Iraq."

Two New York City newspapers, the *Riverdale Press* and the *Bronx Press-Review*, mentioned the election of Alfred H. Howell, vice-president of First National City Bank, as treasurer of the AUB Board of Trustees. He succeeds Alfred H. Hauser, who retired.

Prof. A.J. Barakeh, assistant professor of economics at the University of South Alabama, USA, spoke about Lebanon at a meeting of the International Club of Mobile. He said that Lebanon, with its strategic position and intensely nationalistic spirit, has little chance of being dominated by outside ideologies. The strong political balance maintained prevents any one political group from dominating the others. Lebanon is also characterized by freedom of thought and a very liberal immigration policy, Prof. Barakeh added. (*The Mobile Press* of Mobile, Ala.).

AUH Women's Auxiliary

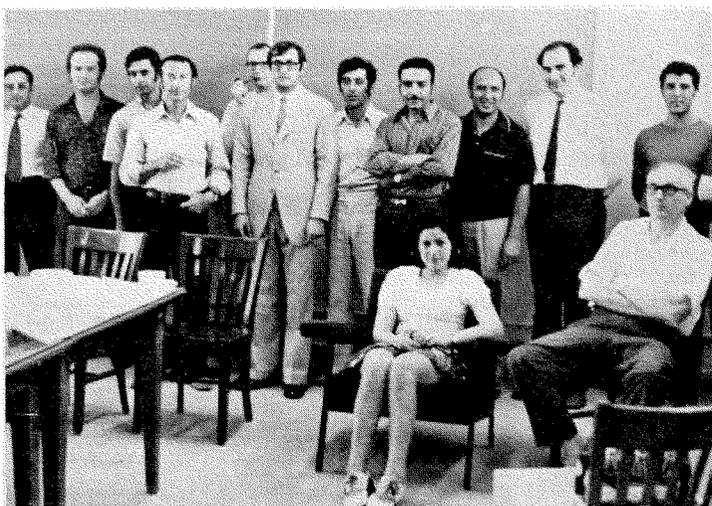


Mrs. Jacky Drucker was elected President of the AUH Women's Auxiliary for the forthcoming season. Mrs. Kamal Khoury retiring President and Mrs. Drucker are shown surrounded by members of the Executive Committee.

New Student Council



The new Student Council holding its first meeting. Mr. Mohammad Dajani has been re-elected president of the Council.



Mr. Pierre Abu Jamous (6th from left) was recently presented a ten-year service pin by his supervisor, Professor John W. McClain, Chairman of the Physics Department (4th from left).

Equivalence of the B.A., B.B.A., and B.S.

Decisions were taken by the Equivalence Committee of the Lebanese Government on May 24, 1972, regarding the recognition of Bachelor's Degrees which are not preceded by the Lebanese Baccalaureate Part II. The decisions, which were approved by the Minister of Education two days later, May 26, provide what follows:—

I. The B.A., B.B.A., and B.S. Degrees of the American University of Beirut, which are not preceded by the Lebanese Baccalaureate Part II or its equivalent as stipulated in the decision of the Government Equivalence Committee of April 10, 1969, shall be considered as equivalent to the License provided the holder of the Bachelor's Degree shall have fulfilled one of the following two conditions after receiving this degree:

- i. Taught in intermediate or secondary schools or institutes of higher education for a period of at least four years.
- ii. Successfully completed all the subjects required in a year in

universities which follow the system of years, or 12 credits in universities which follow the American system, or 2 certificates towards a License in universities which follow the system of certificates for the License.

II. The B.A. and B.S. Degrees of the American University of Beirut with the Normal Diploma, which are not preceded by the Lebanese Baccalaureate Part II or its equivalent as stipulated in the decision of the Government Equivalence Committee of April 10, 1969, shall be considered as equivalent to the Teaching License, provided the holder of these degrees shall have fulfilled one of the above conditions of this decision, and specialized in subjects included in the Official Program of Secondary Education.

III. The decision shall apply to all Lebanese who registered at the American University of Beirut prior to the date whereon this university began requiring the Lebanese Baccalaureate Part II or its equivalent for admission, i.e. prior to October 1966.

New Book By Prof. Ward

Egypt and the East Mediterranean World, 2200-1900 B.C. the new book by Prof. William A. Ward, Associate Professor of History at AUB examines in detail Egypt's foreign relations during the First Intermediate Period.

tion" of Egypt which supposedly took place at the same time. These events are said to have combined to break off Egypt's former trade contacts and more or less isolate her from the east Mediterranean world.

It has long been held that the catastrophic destructions which occurred toward the end of the early Bronze age in Syria—Palestine circa 2200 B.C. were linked historically with an Asiatic "inva-

This volume is essentially a complete re-examination of this theory. The author's general conclusion is that the theory of broken trade relations, an Asiatic "invasion" and political and economic isolation is not valid.

AUB Professor on Pesticides

Prof. Nasri Kawar, Associate Professor of Entomology at the AUB Faculty of Agricultural Sciences has spent an active sabbatical at the University of California where extensive research on pesticides is carried out. Prof. Kawar has been mainly working on pesticide residues on citrus trees.

During his stay in USA, he took the opportunity to attend the annual meeting of the American Chemical Society in Washington, D.C. and visited the Food and Drug Laboratories in this town.

He also visited the Pesticide Laboratories at the Louisiana State University and the Food and Drug Laboratories in New Orleans. In Oklahoma City, he visited the Department of Environmental Health at the University, and the Environmental Protection Agency in Miami, Florida, where he attended the annual Sigma Xi meeting in Daytona Beach as the delegate of the AUB Club. He also attended the annual meeting of the Entomological Society of America in Los Angeles, California.

AUB Food Technology Pilot Plant



Variety of Pickles

Lebanon is at present undergoing a genuine industrial revolution in food processing, Dr. Abdul Hamid Hallab of the Department of Food Technology and Nutrition (FTN) of the AUB Faculty of Agricultural Sciences told the Bulletin. New food industries are springing at a rapid rate: juice industry, vinegar salt industry, processed meats, oil seed and meal, custard powder and jello mixes, yeast packaging, apple cider vinegar, and formulation and processing of trout feed. These industries are frequently faced with problems. The Department of FTN is, in the opinion of Dr. Hallab, equipped to undertake the solutions of these problems.

The Department renders many services to the food industries in Lebanon, through consultation and research projects. In addition to helping these food industries in the formulation, processing and preservation of food stuffs, the Department is often consulted by the Ministries of Economy and National Planning. Members of the Department also serve on the National Committee for Food Standards and Measures, the National Research Council Committee, and others.

Food technology is a field of specialization that deals with processing foods for the sake of their preservation. Several means of preservation are utilized at the FTN Pilot Plant, which is geared to study sample products at the semi-industrial scale ranging between 50 kgs. and 1 ton before final mass production is carried out by food industries. Dr. Hallab explained that "the establishing of the Food Technology Pilot Plant has helped greatly in our instructional and effective assistance in formulating and developing new food formulas, and solving various problems for the food industries."

The means of preserving food stuffs used at the Department are several:

- i — *Refrigeration*: Maintaining the temperature of food stuffs at 4°C.
- ii — *Freezing*: Maintaining the

temperature of food stuffs between —20°C and —30°C.

- iii — *Dehydration*: Artificial drying through heating.
- iv — *Freeze-drying*: Drying of food products while in the frozen state through sublimation process. A new freeze-dryer has recently been introduced into the Pilot Plant.

The FTN Department has so far graduated 43 Bachelor of Science and 40 Master of Science students. The majority of students are non-Lebanese: Pakistanis, Jordanians, Turks, Iraqis and others. Due to the new increase in the food industries in Lebanon, however, more Lebanese students are enrolling in the Department. Lebanese graduates of the Department encounter no difficulty in locating a job. The present industries are demanding much more than the Department supply can accommodate. Non-Lebanese graduates, on the other hand, normally go back to their home countries, and many of them hold important positions in food industries and government offices.

Besides the above-mentioned services rendered to the Lebanese food industries, other studies and tests are also being performed by the Department of FTN:

- a. — Laboratory enrichment and supplementation of Arabic bread with vegetable proteins, minerals and vitamins, so as to make the quality as well the quantity of these proteins, minerals and vitamins nutritionally adequate.
- b. — Development of ready-to-eat baby foods made from local products. These baby foods ought to be superior in nutritional quality to local commercial stuffs.
- c. — Detection of adulteration in food products, such as olive oil, vegetable oil, powdered and fresh milk, through chemical analytical methods.
- d. — Olive processing and pickling is a recent introduction, and many companies have already shown interest in commercializing this process.

Mr. Farid A. Fuleihan Honored

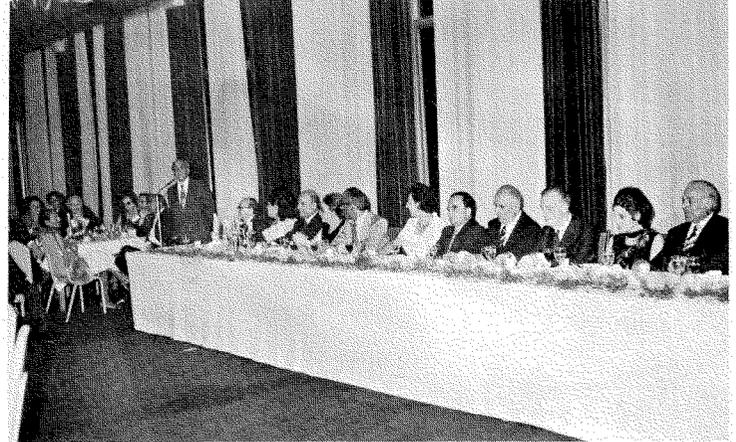


Table of honor with Provost Thabet speaking

On the occasion of his retirement after 43 years of service to the American University of Beirut, around 400 friends of Mr. Farid A. Fuleihan, headed by the Minister of Public Health Dr. Nazih Bizri, gave a big dinner in his honor at the Carlton Hotel.

Speakers at the banquet were Vice President George Hakim, Provost Samir Thabet and Vice President Dwight Monnier. The last to speak was President Kirkwood. All speakers had high praise for Mr. Fuleihan's service in the various posts he occupied at AUB, particularly that of Registrar in which he was distinguished through his valuable services to generations of AUB students.

In June 1969 Mr. Fuleihan was awarded the Lebanese National Order of the Cedars of the rank of Commander in appreciation of his educational service. He also holds the Jordanian Order of Independence, Grade I.

Before the banquet was over Mr. Fuleihan spoke briefly of his life and work at AUB, and thanked the speakers and friends for their affection and their valuable present which was offered to him and his wife on this occasion.

President Kirkwood has asked Mr. Fuleihan to remain in his post as Director of Personnel and advisor to the Office of the Registrar at AUB.

The late Dr. Bayard Dodge in the local and US Press

Obituaries with the biography of the late Dr. Bayard Dodge have appeared in local and U.S. papers which all dwell on his lifelong interest in the Middle East.

The New York Times refers to his fund-raising trips back home to the United States where he would repeatedly tell of the need to train teachers, doctors and government officials for the "modern renaissance which was transforming" this part of the world.

The Evening Bulletin, Philadelphia, Pa., said in 1960 he received the Woodrow Wilson Award, Princeton's highest honor for an alumnus, as best exemplifying "Princeton in the Nation's Service," and was decorated by the governments of Syria, Lebanon, Iran, Egypt, Greece, Great Britain, Poland and France. This paper mentioned as well that he wrote several books on Muslim education and translated a 10th-century Arabic encyclopedia.

The Evening News, Newark, N.J., said he was the author of a history of the American University

of Beirut (1958); Al-Azhar—A Millennium of Muslim Learning (1961); Muslim Education in Medieval Times (1962); and Al-Fihrist which he translated and edited.

The Lebanese press devoted much space to reports on the decease of the late Dr. Dodge and gave extensive coverage of the memorial service held at the AUB Assembly Hall.

A long article highly praising his service to this area occupied two pages of the Sunday Supplement of *An-Nabab*.

Letters eulogizing his memory have started to arrive. Mr. Amin Abu-Izzeddin of Abadiyyeh, Lebanon, wrote of his deep appreciation for the late Dr. Dodge. He proposes that thousands of copies of Dr. Dodge's portrait be printed and sold, and that the proceeds should go to either establish a Bayard Dodge endowment fund in aid of deserving AUB students, or to raise a statue of Dr. Dodge as an expression of gratitude to his memory and the Dodge family.

American University of Beirut

bulletin

VOLUME XV, No. 33

THURSDAY, JUNE 29, 1972

Course in Cardiovascular Nursing

The American University of Beirut School of Nursing is offering a course in cardiovascular nursing, June 26-July 7.

The following subjects are to be treated by a good number of lecturers:

- The major cardiac problems of the Middle East.
- Genetics, embryology and congenital anomalies.
- Cardiac catheterization and other diagnostic tests.
- Implications for Nursing.
- Introduction to patient assessment and plans for care.
- Congestive heart failure.
- Fluid and electrolyte imbalance with emphasis on sodium, potassium and calcium.
- Nursing intervention in care of patients in congestive heart failure.
- Dietary intervention in cardiac disease.
- Ways of presenting materials visually.
- Surgical intervention.
- Patient assessment and nursing care plans.
- Problems of coronary vessels.
- Cardiac arrhythmias.
- Demonstration and practice of rehabilitative measures used with the patient who has had a cardiovascular accident.

Aramco Gift

The Arabian American Oil Company (ARAMCO) has recently presented a check for \$30,000 to the AUB School of Nursing. This contribution like the 1971 gift of \$15,000 has been given "in support of the Nursing Program at the American University of Beirut." In an accompanying letter, Dr. J. W. Taylor, Medical Director of ARAMCO Hospitals, pointed out that AUB graduates employed on their nursing staffs had given "outstanding services." The use of part of this grant for faculty education and development is viewed by the School as a significant means of enhancing a gift given "in support of the nursing program at AUB."

103rd Commencement Exercises

The AUB 103rd Commencement Exercises will be held on Monday, July 3rd, at 6:30 p.m.

H.E. Prime Minister Saeb Salam and members of the AUB Board of Trustees will be present.

About 1,000 degrees and diplomas are to be awarded for the 1971-72 academic year. 285 already have been awarded; 166 in October and 119 in February.

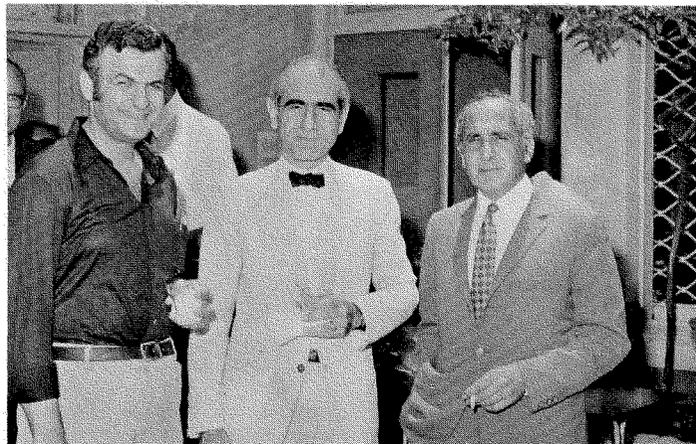
Of the total number of degrees awarded this year, 671 went to students earning bachelors degrees, 281 to those earning masters degrees and 5 to those who have earned the doctorate. In addition, 44 medical degrees and 19 nursing diplomas were awarded, as well as 86 teaching diplomas.

President Samuel B. Kirkwood will deliver the Commencement address.

Mr. Farid A. Fuleihan, AUB Registrar and Director of Personnel will speak in Arabic.

Mr. Mohammad Dajani, President of the Student Council will be speaking in the name of AUB students.

Reception in Honor of MP Ali El-Khalil



Left to right MP El-Khalil, Dean Ghosn, Provost Thabet.

Dean Raymond S. Ghosn held a reception last week at the Bechtel Engineering Milk Bar in honor of Prof. Ali El-Khalil, MP, lecturer in Cultural Development, on the occasion of his election deputy for Tyre.

Vice-President Hakim and a number of professors and students of the AUB Faculty of Engineering and Architecture were present.

In a speech on this occasion, MP El-Khalil said:

As a part-time lecturer at the American University of Beirut and at the Lebanese University, and having grown up in an academic community, I believe that our educated young people should partake in of-

ficial responsibility and contribute towards the building up of the state. The new Parliament includes a number of deputies who are supposed to introduce new styles and new blood for a better standard and to help attain national aspirations.

In concluding, he pointed out: The American University of Beirut has played a major role in graduating groups of young Arabs who occupied posts of leadership in the Arab countries and the Lebanon. I do hope AUB will go on with this role and that its function in this area will be better portrayed and better understood.

Vice President R.W. Crawford Resigns



Dr. Samuel B. Kirkwood, President of the American University of Beirut has announced the resignation of Dr. Robert Webb Crawford, AUB Vice-President responsible for public relations and development at the AUB New York Office. Dr. Crawford's fund raising and development activities for AUB covered both USA and the Middle East.

Since he joined AUB as Vice-President in 1967, Dr. Crawford has exerted great efforts in fund-raising and in plans for the AUB Second Century Fund Campaign.

Prior to his AUB appointment, Dr. Crawford was with the Rockefeller Foundation. He is an authority on Arab affairs and holds M.A. and Ph.D. degrees in Islamic Studies from Princeton University where he had Dr. Philip K. Hitti for advisor. His resignation takes effect as of July 31, 1972.

Dr. Crawford has accepted the appointment to the position of President of the Spring Hill Conference Center in Orono, Minnesota beginning Sept., 1, 1972.

President Kirkwood has expressed his regret at the resignation of Dr. Crawford who during the past five years has given much to AUB in New York and Beirut. President Kirkwood added that Dr. Crawford's remarkable background and ability have been of great value and significance in his outstanding service to the University.

OUR NOTICE BOARD

Invitations are going out for receptions and banquets in honor of the AUB Board of Trustees.

President and Mrs. Samuel B. Kirkwood have sent invitations for a Coffee at Marquand House on Monday, July 3rd, 10:00 a.m. to meet the Board of Trustees.

Mr. and Mrs. Fuad Es-Sa'id are giving a banquet at their home in Sofar on Wednesday, July 5, 8:00 p.m.

Vice-President and Mrs. George Hakim are holding a reception at their apartment on campus, on Thursday, July 6, 7-9 p.m.

The BACCALAUREATE SERVICE will be held at the AUB Green Field on Sunday, July 2 at 7:00 p.m.

A city breakdown of all telephone trunk lines connected to the Hamra exchange occurred on Sunday, June 18, 1972 for a duration of three minutes (09:27 to 09:30).

For seventeen minutes before the breakdown (from 09:10 to 09:27) it was impossible to service incoming calls because of mixing and overriding several city calls on the same line.

At 09:30 everything was back to normal.

The reason of this malfunction was not known. It is reported that this is the third outage in 60 days.

Following a recent sudden visit to the AUB telephone operators' room during the off-peak load period, Dr. Ibrahim Dagher made the following remarks to the Communications Manager:

"Your girls work real hard. While I was there they could not cope with the load. Why is it that we have so many incoming calls by comparison with other hospitals?"

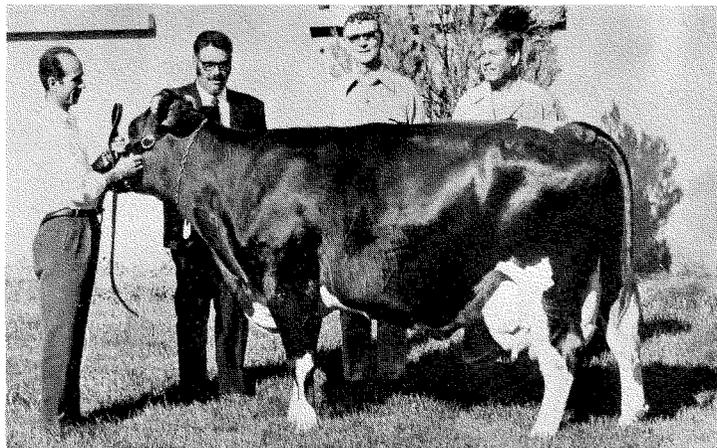
When it was pointed out to Dr. Dagher that he would have been more impressed had he visited the Operators' room during the high peak hours (09:30-12:30 a.m.) he replied:

"I have seen enough to change my former view of the operators."

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Sahab.

"Lina" Produces 40 Kg of Milk A Day



Lina watched by Dean Stanley P. Swenson who appears in the middle with the Farm manager, Mr. Khasbadurian to his left.

A crossbred Holstein Friesian-MRY cow, AUB *Lina* recently completed a milk record in a lactation of 365 days or less that is believed to be the highest to date in Lebanon and perhaps the Arab World. *Lina* produced 9105 kg (20,054 pounds) of milk, 316 kg (697 pounds) of butterfat and 725 kg (1596 pounds) of non fat milk solids in 354 days on twice daily milking. Her highest daily production was 40 kg, and she averaged almost 25 kg per day for her lactation. Her milk, which had a value of about L.L. 4,000 could be churned into 400 kg of butter and 1700 kg of cheese. She earned more than L.L. 2500 (\$800) over the cost of her feed, and was alone capable of supplying milk for all of the students living at AUB's Agricultural Research and Education Center at Hoche Sneid during her lactation.

Lina came by her production honestly — her mother was another high producing cow at the

University's Research Center, although her grandmother left the herd in her youth for putting too much fat on her back and not enough milk in the bucket. Her sire was a part Dutch Friesian from the Government research station at *Turbol*.

Lina is now bred to the world's highest proven Holstein sire, and will freshen in late July after only 5-week rest. She also has a year-old daughter in the AUB herd sired by another top American Friesian bull.

Prof. Anderson of the AUB Faculty of Agricultural Sciences has declared that this high record of lactation is due to the extreme care of the herdsman at the AUB farm and to *Lina's* proper feeding. Prof. Anderson advises farmers in Lebanon who wish to increase the lactation of their cows to give more care to these cows, feed them properly and not feed them all the time with *tibn* which is not always a good or adequate feed.

Dr. Sweatman on Parasitic Diseases

The book *Parasitic Diseases of Wild Mammals* was recently reviewed in the Journal of Wildlife Diseases by Dr. J.C. Holmes of the University of Alberta, and an authority in wildlife parasitology, who says:

"This is one of a series of three volumes published by Iowa State University Press on the parasitic and infectious diseases of wild birds and mammals. Together, they comprise the most comprehensive treatment of the diseases of wild birds and mammals available in English."

"This volume includes seventeen chapters by a total of nineteen authors. The ectoparasites are covered in two chapters. In 'Mites and Pentastomes,' one of the best chapters in the book, Dr. Gordon K. Sweatman of the AUB De-

partment of Tropical Health provides an excellent summary of each of the major groups, with specific examples important to wild mammals. In addition, he indicates problem areas and suggests specific further studies in some of the groups."

In bringing this review to the attention of the Bulletin, Dr. L. Verhoestraete, Director of the School of Public Health explained that each of the remaining chapters was written by an American or European authority and that in their preface, the editors emphasize the increasing appreciation of the roles parasites play in the diseases of wildlife, and hope that this volume will be a useful reference on the subject. Anyone interested in parasites or diseases of wild mammals will find this book indispensable.

Traffic on Campus

The University Parking and Traffic Committee recently put forth a proposal under which vehicular traffic would be prohibited from parts of the campus on weekends.

The committee responded to frequently voiced concern from the University community over the safety of pedestrians and children at play but also expressed hope that the following measures would add to the enjoyment of the scenic beauty on the AUB campus.

Specifically the recommendations by the Parking Committee are:

— That the Sea-Gate be closed to all vehicular traffic from Saturday 1:00 p.m. to Monday 7:00 a.m. and thus preclude through traffic in the lower campus for this period.

— That the Faculty Apartment Gate be opened on Saturday afternoon after 1:00 p.m. and all day Sunday only to residents of Faculty Apartments Buildings I and II and to residents of campus residences Nos. 30 and 39.

— That a barricade be erected on the roadway between the Food Pilot Plant and Building 58 after 1:00 p.m. on Saturday to 7:00 p.m., and from 7:00 a.m. to 7:00 p.m. on Sunday.

— That on Sunday additional barricades be placed across the roadway at the south west corner of Engineering Buildings No. 57 and across roadway between NW corner of Bldg. 57 and campus residence No. 41 during the hours of 1:00 p.m. to 7:00 p.m.

— That this traffic-free area will be limited to pedestrians and the use of bicycles, tricycles, roller skates and scooters by children.

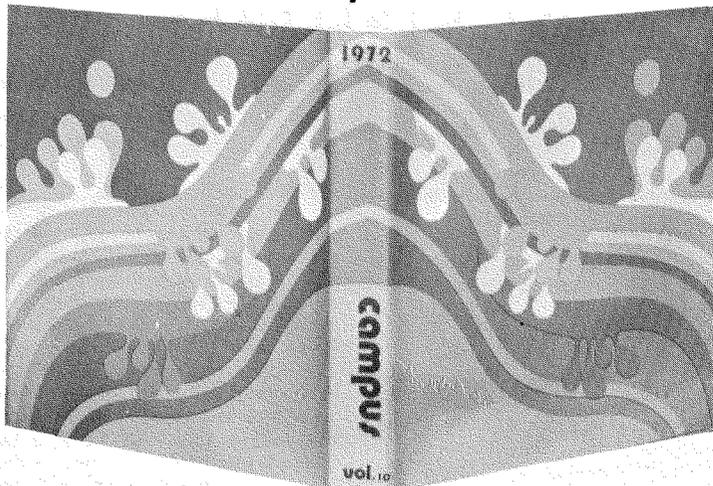
— That the use of all types of motorized conveyances and skate boards be prohibited.

— That all other areas of the campus be prohibited to bicycles and other above-mentioned conveyances except to gain access to the traffic free area in which case such conveyances must be walked. The campus as a whole (except the immediate area of faculty apartments) will otherwise be free of bicycles, skates and other vehicles except on the days as above designated.

After due consideration by members of the Administration and prior to adopting these recommendations as official policy, it was agreed to put the various traffic restrictions into effect in stages during a trial period of two or three months.

Mr. H. K. Ruetzel, Director of Business Services and Chairman of the Campus Parking Committee is encouraging all concerned and interested to submit their comments and suggestions.

Campus 72



Campus 72, AUB's Yearbook smacks of originality. Its colorful cover design by Mrs. Ida Alamuddin Diab, its novel pagination, informal pictures, cute "peanut" cartoons, agreeable still-life photos, resourceful contents and presentation were evidently given a good deal of time by the University Yearbook Committee.

4300 copies of *Campus 72* have been printed, and the Yearbook Committee is now launching a campaign to sell copies to Faculty members and the AUB community (L.L. 20 a copy) to be able to allot L.L. 8,000 — L.L. 10,000 to scholarships for needy students.

Ziad Taky-Deen, the Yearbook's editor-in-chief told the Bulletin:

I am very happy with it and consider it a very successful production, as well as a thrilling experience.

But never more! He will never do it again because it consumes a great deal of time.

Ziad Taky-Deen went on to explain that the theme of *Campus 72* is controversial and revolves around Student Administration relationship which is treated in four articles by Provost Thabet,

Prof. Walid Khalidy, Ziad Taky-Deen and Mohammad Dajani, President of the Student Council.

He concluded by pointing out that the students are not after power but rather after student participation in university affairs.

In a foreword to *Campus 72*, President Samuel B. Kirkwood, who speaks of tolerance and self-control as the essence of university and academic life, states:

These are truths that have become self-evident in our experience together here at AUB, more particularly during the past year—the year of your Yearbook. This book now tells what you have done during your years here at AUB and so it stands as your record.

But these are truths also for the future. They are the foundations for living itself in any community—within the university, AUB, and without, in the wider areas of your own cities and countries.

You have your opportunity here at AUB to study and to learn. Now, in the years ahead it is your opportunity to build.

Housing Advisory Committee

Mr. A.K. Barbir, Director of Housing, has announced the election of a new Housing advisory committee of the following members who take up office on Oct. 1, 1972:

Faculty Building I

Mrs. Gerald Obermeyer 1 year
Mr. Amin Hajj 2 years

Faculty Building II

Mrs. Donald Meyer 2 years
Prof. Frank Schwulst 1 year

Faculty Building III East Wing

Mrs. John Seeger 1 year
Prof. Ray Nightingale 2 years

Faculty Building III West Wing

Mrs. Asok Bhattacharya 1 year
Prof. Abdul Hamid Hallab 2 years

Campus Residences

Mrs. Craig Lichtenwalner 1 year
Mrs. Robert Walker 2 years

Members are elected annually for periods of one or two years.

The committee's function is to advise the Director of Housing, ensure that compliance with regulations is observed in the assignment of Faculty apartments and receive suggestions from the families living in Faculty buildings.

85 families live on campus and about 100 live outside the campus, mostly in Ras Beirut.

Mrs. S. Es-Sa'id Announces Baalbeck Festival Program



Mrs. Es-Sa'id surrounded by Messrs. Abela and Karam, and members of the Festival committee.

Mrs. Salwa Es-Sa'id, the first local lady member of the AUB Board of Trustees, is the head of the International Baalbeck Festival committee.

Last week, Mrs. Es-Sa'id held a press conference at the Carlton Hotel to introduce the 1972 summer program. Members of the Festival committee were present.

Mr. Robert Abela, Deputy Chairman of the Press Association who opened the conference by praising the efforts of Mrs. Es-Sa'id and

members of the committee, was followed by Mr. Milhem Karam, Chairman of the Editors Association who described the Festival as the Lebanon's ambassador to the world.

Mrs. Salwa Es-Sa'id began by thanking the local and foreign press for their incessant support to the Festival and by a review of the Festival's achievements during the past seventeen years.

She then went on to give details of this summer's Festival program.

LA MAMA EXPERIMENTAL THEATRE CLUB "MEDEA"

6 and 8 July — Temple of Bacchus

ELLA FITZGERALD

and the

TRIO TOMMY FLANAGAN

with pianist

OSCAR PETERSON

13 July — Temple of Jupiter

THE MODERN JAZZ QUARTET

JAZZ AT THE PHILHARMONIC:

ROY ELDRIGE — DIZZY GILLESPIE

and

EDDIE LOCKJAW DAVIS

15 July — Temple of Jupiter

LEBANESE NIGHTS

FEYROUZ — NASRI CHAMSEDDINE

21-23, 25-29 July — Temple of Jupiter

THEATRE FRANCAIS

"POUR SAVOIR QUI ... QUI ... QUI SERA MANGE"

by Gabriel Boustany

World Première

3, 4, 5 and 6 August — Temple of Bacchus

NICANOR ZABALETA

Harp Récital

10 August — Temple of Bacchus

PRAGUE CHAMBER ORCHESTRA

Purcell, Telemann, Dvorak, Prokofiev, Beethoven

Mozart, Martinu, Vorisek

17 and 19 August — Temple of Bacchus

LE BALLET DU XXe SIECLE of MAURICE BEJART

24 August: «Actus Tragicus», «Angel Heurtebise», «Firebird»

26 and 27 August: «Romeo and Juliet»

Temple of Bacchus

Performances start at 8:00 p.m.

Jafet Library Revisited

"I don't think you can find an academic library between Rome and Bangkok better than the Jafet Library," P.C. Kilburn, Chief Acquisitions Librarian told the Bulletin. "Our library follows the latest precepts of management," he added.

He admitted however that Jafet is operating under strained conditions because of budgetary restrictions.

During the past year 1970-71, 24,800 volumes were added to the library collections, bringing the total holdings of all AUB libraries, including the Medical Library, as of June 1971, to 344,563 volumes. This figure is 7.76% higher than that of the previous year and double that of June 1963. In the same eight-year period, current periodicals increased from 2,800 titles to the present figure 4,900.

Nevertheless, as a result of budgetary cuts, the acquisitions program of the library is seriously affected. While book prices rise by approximately 10% a year, the libraries have about \$30,000 less to spend on acquisitions in 1971-72 than in 1970-71.

Total projected acquisitions expenditure for 1971-72 is \$214,650. Moreover, Jafet Library cannot make inter-library loan arrangements with any other library in the area, which is a disadvantage because such arrangements could greatly increase the library facilities.

"Some people complain that our facilities are not adequate for post-graduate work," Ritchie Thomas, Associate University Librarian pointed out, adding: "We are aware of that, but there is little we can do about it. It is all a problem of money."

The construction of the proposed new General Library has been deferred as a result of the financial problems which the University is facing. However, studies have been made of alternative methods to meet space requirements during the coming few years. In Jafet Library the book-stacks have already been rearranged to gain as much space as possible. At the same time obsolete material is to be removed to make room for new acquisitions. The construction of the new Medical Library is proceeding according to schedule.

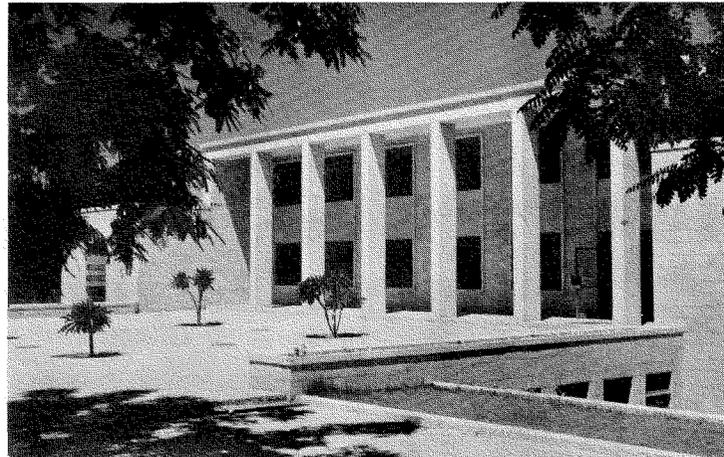
New Acquisitions

Despite its budgetary difficulties, Jafet made several notable acquisitions during 1970-71. One such acquisition was that of the Human Relations Area Files which contain primary source material on many ethnic and political so-

cieties. These microfiles provide AUB with a major resource for cross-cultural, comparative and specific research, and for teaching and training in research.

Another acquisition of special interest was that of the English and Arabic versions of the *Mid-east Mirror*, a current press record of events professionally and objectively recorded. The English set is now complete from vol. 1, 1949 to vol. 20, 1968; of the Arabic version, the Library holds the volumes for the period 1957-1963 only.

Jafet Library also possesses a fine collection of early travel books which is steadily increasing. An important addition was announced in Oct. 1970, when 180 titles were bought from a private collection. These works are primarily



concerned with Egypt and the Near East in the 19th century and include valuable items on the Suez Canal.

Notable Gifts

Mrs. Hans Braun presented about 150 volumes of books and periodicals on plant pathology from the library of her late husband Prof. Hans Braun, the former director of the Institut für Pflanzenkrankheiten at the University of Bonn, with which the Faculty of Agricultural Sciences has maintained close relations for the past decade.

At the opening of the Syngé exhibition, Sir Desmond Cochrane, Honorary Consul-General of the Irish Republic, presented on behalf of his government an important collection of 80 books and records relating to Ireland.

The Australian Ambassador presented a valuable collection of 30 Australian reference works and books about Australia.

Publications

Several publications have been completed by Jafet Library in the past two years. The 1969, 1970 and 1971 volumes of *Arab Political Documents (Arabic Edition)* were issued. This valuable material is used by Middle East governments and scholars, and is the only comprehensive collection of official documents on important political subjects in the Arab world.

In August 1970 a new edition, the sixth, of "Serials Currently Received" was issued by the Serials Department. This included all western language serials and periodicals currently received by the University libraries — except those separately listed by the Medical Library — about 3,500 titles in all.

Four supplements subsequently appeared, containing some 750 additions, changes and corrections. Two publications were also issued by the Reference Department: "Masters Theses: 1909-1970" listing some 1,500 AUB theses in English and Arabic, and an "Annotated Bibliography of Subject Indexes and Abstracts in AUB Libraries."

The Librarian's annual report for 1971-72 is expected early next month.

Library Orientation Course

In addition to its other activities, Jafet is giving an 8-week library course which is non-credit and compulsory for all Arts and Sciences students. The purpose behind this course is to inform students how to avail themselves of Jafet's facilities. It is subject to continuous improvements and changes, such as the utilization of slides, to make it more interesting and relevant to the system used at the AUB libraries.

Survey of Student Opinion

In Dec. 1971 a questionnaire was sent to a sampling of one third of the student body, 1375 students. 300 replied. From the answers received, 50% of the students use the library almost every day, principally as a study hall. The majority of students do not borrow books often, and when they do it is mainly reserve books and books relating to their courses.

Respondents were asked to make comments on the questionnaire. 94 commented, or 7% of the sample. Of these, 39.4% complained that most libraries, especially Jafet reserve room, are too noisy. 43.6% were critical of the Jafet Library Circulation Department personnel, and a few criticized the staff in general. 10.6% requested longer opening hours and a similar proportion were critical of the organization and availability of serials and, to a lesser extent, of book resources. 11.7% of the comments were complimentary.

The following comments sent by respondents are quite revealing:

— "Really, I am proud of the Jafet Library. I can find in it every help. It is my favorite and best location."

— "Spending more time at the library than at home; I find the library a better home. Thanks."

— "The reserve room is a zoo."

— "Chairs are not comfortable. Tables should be lowered a little to enable short people sit more comfortably."

— "The fact that your stacks close at seven is outrageous. They should be open until eleven and certainly should be open on Sundays. Your periodicals room should be open on Sundays."

— "The library should have a regular column in the Outlook to inform students of library resources. Many only know their textbooks."

— "The rest rooms are disgusting."

— "I think that Jafet should be provided with sound insulators, to keep the noise from disturbing the peace-loving campus pedestrians."

— "As for the carrels, I suggest — I might be crazy — that a music system be introduced, playing very soft and low music."

— "The library should be open until at least 2:00 a.m., if not round the clock."

Mr. Francis Kent, University Librarian, commented: "There are few criticisms that could not be met by more acquisitions, more staff and more buildings. But all these need increased capital and operating funds."

The problem of longer hours of service is complicated by social practice."

bulletin

VOLUME XV, No. 34

THURSDAY, JULY 6, 1972

103 Commencement Exercises

The 103rd Commencement Exercises of the American University of Beirut were held on the AUB Green Field in the late afternoon of Monday, July 3rd.

"Stern and Sober Times" was the theme of this year's traditional and great ceremony with its usual splendid procession of professorial talent and eager graduates.

Cabinet Ministers, Members of Parliament, senior Government officials, religious leaders, presidents of universities and colleges, men of the Press, parents of graduates, friends, notables and alumni from the Lebanon and the Arab world, as well as the Chairman and members of the AUB Board of Trustees, were present.

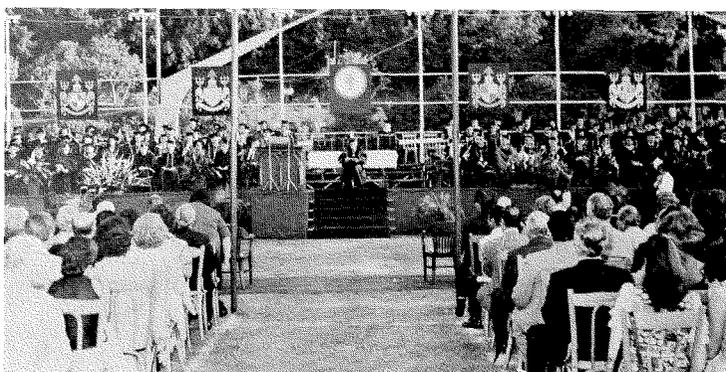
The Commencement program began by the Lebanese National Anthem. When row after row of front seats were filled by graduates to the tunes of the Processional March and the applause of the audience, the University Chaplain, Dr. Robert Walker pronounced the Invocation.

Mr. Farid A. Fuleihan, Director of Personnel delivered the Commencement address in which he stressed that AUB has not deviated and will not deviate from its function to educate its young men and women, and to train them to like work and serve their nation and society.

"The University," he said, "like every other university cares for both the theoretical and practical sides of its function. AUB educates its students and trains them in scientific research and in seeking the truth."

He went on to explain: "AUB continues to have the major proportion of its students from Lebanon and the Arab World. 51% of its students come from Lebanon and 30% from Arab countries. AUB is keen to attract a chosen elite of students and when they are unable to pay the fees, offers them scholarships."

In concluding, Mr. Fuleihan said: "Undoubtedly, the atmosphere of freedom in Lebanon and the encouragement AUB has received over the past hundred years of its life, have sustained the University's continued efforts to convey its message in the fullest sense of the word."



President Samuel B. Kirkwood then pronounced his *Charge* to the Graduating Classes (see box).

The day before, Sunday July 2nd., President Kirkwood had delivered the Baccalaureate Address which we are reproducing in full as an *insert*.

The last to speak was Mr. Mo-hammad Dajani-Dawudi, President of the AUB Student Council, who began by saying:

It is a great honor for me to address you officially on behalf of the Student Council and in the name of the AUB student body.

Two years ago, a student who attempted to address (from this rostrum) a similar audience gathered for similar Commencement Exercises was prevented from doing that. In his Annual Report, President Kirkwood subsequently described the said attempt as "a sign of the times."

Although the student was prevented then from delivering a speech, he nevertheless succeeded in expressing and conveying a mood. And after a crisis-year of strikes, demonstrations and the occupation of buildings, the decision-makers of AUB had no other healthy recourse, but to react favorably to the sign of the times.

Mr. Dajani went on to state:

We, the students of AUB today, like students all over the world, carry the vehemence of youth, the seed of challenge, and the inalienable right to question, to do, to ask, to seek, to attempt and to dare.

Students came to AUB not only to "acquire knowledge," but to persist in testing it, — to persist in questioning the efficiency of the system they follow, the theories they learn, the relevance of the courses they are offered and the competence of the people entrusted with the task of offering them.

At the end of the exercises, members of the audience rose as the *Alma Mater* was being played and remained standing until after the recessional.

PRESIDENT KIRKWOOD'S CHARGE TO GRADUATES

Traditionally, this is an occasion for joy.

Today we can not forget that in recent weeks people of Lebanon have been killed and injured, families disrupted, and many towns and villages attacked. We remember that among our students and faculty and staff there are those who have suffered by this. To all afflicted we extend our thoughts of comfort and sympathy and concern.

These are stern times.

You are graduating into a world that is torn apart. Conflict seems to be the order of the day throughout the world. But it is our world and you are now joining us in the active practice of being citizens, in the fullness of your new opportunities.

It is a long task. The world is not to be remade in a day. Our individual contributions are momentary, in comparison to the span of the ages.

Yet it is a world worth working in. Perhaps it is the greatest privilege we can ask — to be able to make our small offering to posterity. Pray that when that opportunity comes we do not miss it. It may well be that a lifetime of seeking is necessary for one moment of opportunity.

Yet seeking itself is not without its own risk. Your lives will permit a good deal of error, but let the harm fall on you and not on others.

You now step into a new beginning. Your judgments will be your own but as you grow in responsibilities your decisions will be more and more important to increasing numbers of people, who knowingly or unwittingly put their trust in you.

If I leave with you what I would say — as Hippocrates said it — it is sober, but these — your times and ours — are sober times:

«Life is short
And the Art long
The Occasion instant
Experiment perilous
Decision difficult.»

I wish you well.

As responsible educated people you deserve the opportunities you have earned and that lie ahead. The world needs to have you in it.

(SEE INSERT FOR BACCALAUREATE ADDRESS)

10-Year Service Pin



Prof. E. Kennedy presenting the 10-year service pin to Mrs. K. Shomar.



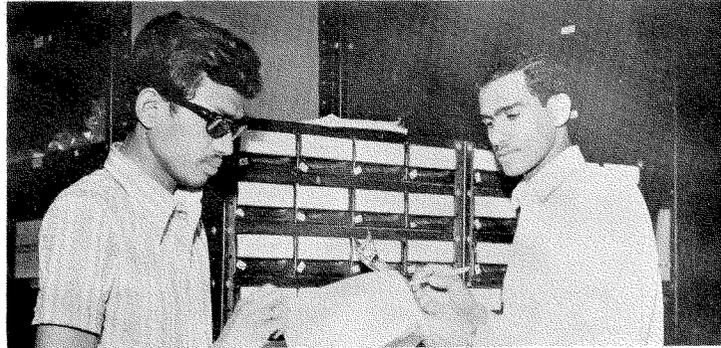
... and to Miss M. Jabbour.

Recently the Mathematics Department held a reception in honor of Mrs. K. Shomar and Miss Mona Jabbour on the occasion of presenting them with the 10-year service pin.

The AUB Bulletin is the official news publication of the American University of Beirut, Beirut, Lebanon. It is published weekly, except during University holidays, by the Office of Information, College Hall, 306.

Director of Information and Responsible editor: Redwan Mawlawi.
Editor: George Salhab.

Training Courses for Saudis



Two trainees at work.

Five Saudi Government employees are currently on a special storekeeping training course at the American University of Beirut. The course, under the auspices of Ford Foundation, is designed to offer teaching and training on the receiving, storage and issue of supplies.

This 4-week course is part of the "Training Program in Supply Management for Saudi Arabians" which is prepared by AUB.

28 employees, chosen from the various Saudi Government departments are expected to come in five groups to attend training courses this summer. Trainees will be receiving certificates at the end of their courses.

Mr. Arif Abdul Khalik, the coordinator delegated by Ford Foundation in Saudi Arabia, says the system of supply followed at this AUB training course is similar to the system used in Saudi Arabia, and will naturally benefit the Saudi employees in applying the most modern methods in this field.

Mr. Ali Faiz, one of the trainees attending the first course and an employee at the chemical plants and supplies stores at the Saudi Ministry of Education, thinks the course is "very useful to my work and will help us reduce red tape formalities." Mr. Faiz added that the trainees will be acquainting their fellow employees in Saudi Arabia with the experience they get from these training courses.

Division of Extension and Special Programs



Profs. Cajoleas and Eid surrounded by graduates.

The newly established Division of Extension and Special Programs graduated last week its first group of 15 students. President Kirkwood, Prof. Nimr Eid, Chairman of the Business Administration Department, and Prof. Cajoleas, the initiator of the Program were present.

In his opening word, Prof. Eid said that the main objective of this Program is to train participants in the essential fields of business.

President Kirkwood expressed his appreciation for people who are willing to study in the evening.

In an interview Prof. Cajoleas explained:

"This is one of a number of programs given in the evening; but

at present it is the only one which grants a certificate. The Program offers two courses each semester, and is open for working people. The minimum requirement is a high school diploma, but people with a B.A. or M.A. in other fields than business are also accepted."

"The Division of Extension and Special Programs hopes to offer additional programs leading to certificates in various areas in the near future."

Before concluding, Prof. Cajoleas pointed out that the AUB Board of Trustees has stipulated that all the extension activities and evening programs must be financially self-supporting.

Suggestion Box

Purpose

To promote more effective communications within the AUB Community, a "Suggestion Box" will be established to act as a communications media whereby constructive suggestions by any member of the community to improve on AUB facilities, procedures, regulations, etc. may be proposed to the administration for consideration and if possible implementation.

Type of Box — Location

The use of separate boxes to be fixed in various buildings on campus has been discarded because of possible misuse; high cost; and the maintenance involved. Instead, it is recommended that any letter posted in the AUB postal system and marked "Suggestion Box" will be delivered to the Office of Development. Publicity will be prepared in the "Bulletin" and "Outlook."

How to Make Suggestions — Qualifications / Reservations

All suggestions must be made in writing to "Suggestion Box." Suggestions should be constructive in nature and should be signed. While the University welcomes all suggestions, it reserves the right to consider or reject any suggestion presented.

Responsibility for Program

It is recommended that the responsibility for administering the program should be with the Office of Development. Suggestions mailed to the "Suggestion Box" will be delivered daily by the Post Office and they will then be processed to the respective departments for consideration, study and/or action.

Once the suggestion has been referred to the department concerned, it will be the responsibility of that Department to act on the suggestion.

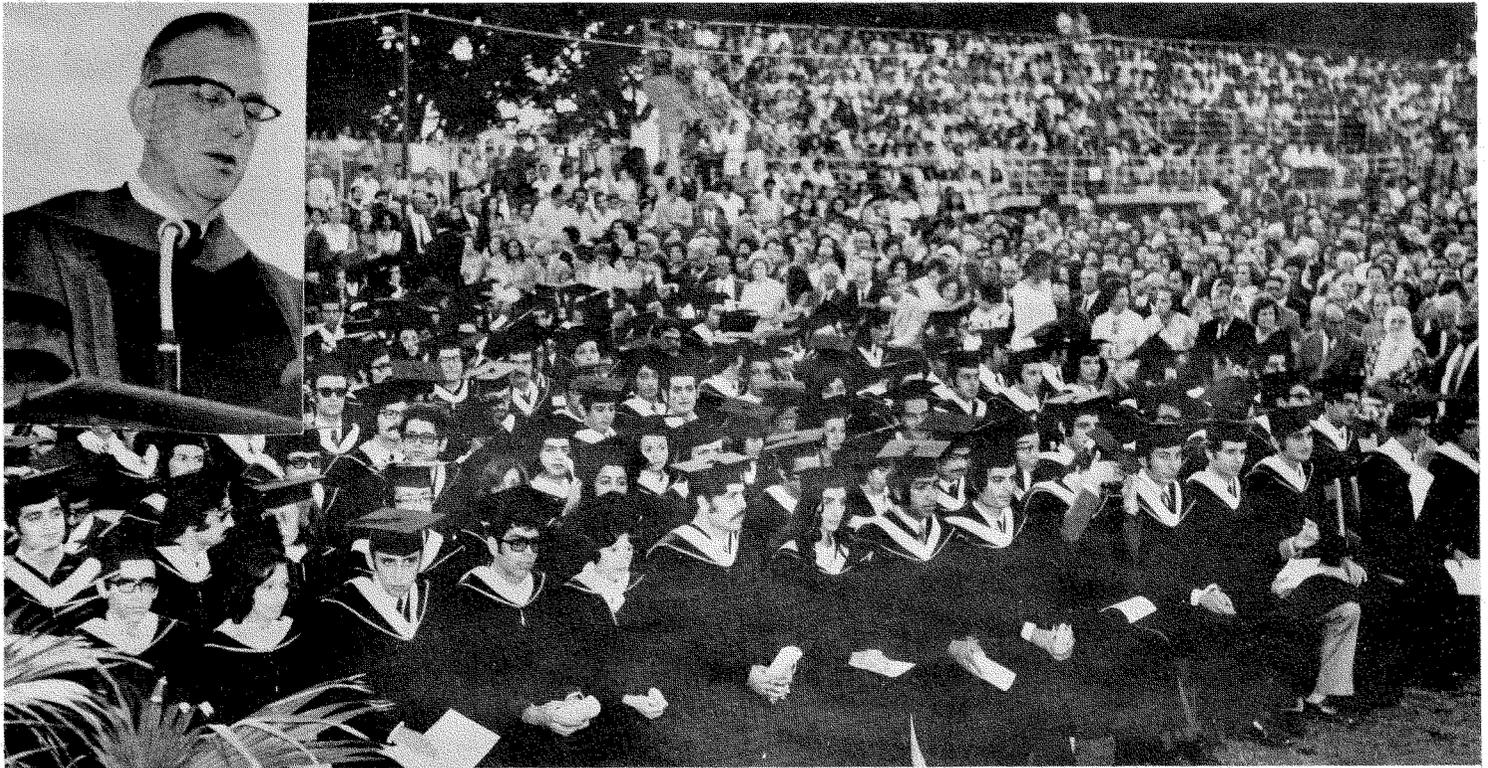
Publicity

Regular publicity should appear in the "Bulletin" or "Outlook." Administrative Departments may wish to invite suggestions on a specific problem or a problem area by identifying it to the community.

Incentives

It is felt that the University should not adopt the practice of monetary incentives. An alternative to this, is to publicize the good suggestions that have resulted in a benefit to the University. This could be done by interviewing the suggesting party and preparing an article to be published in the AUB "Bulletin" and "Outlook" showing how this specific suggestion helped to solve a given problem.

President Kirkwood's Baccalaureate Address



RE-ASSESSMENT

In many ways this was a year of re-assessment for the AUB. That it coincided with your senior year and your graduation brings me to give it a particular emphasis, for graduation from college is one of the natural points of personal re-assessment. You are now stepping into the serious business of becoming Alumni of your University. Whether you continue in the academic halls or turn to the business of the world, your assessment now of what you have learned, of your own interests and your long-range endeavors inevitably comes in the light of your new responsibilities.

The University, like you, faces this same need. The changing scene brings constantly new roles before it which must be assessed with the University's own sense of purpose. This is a continuing process, of course, but this year, I believe, will prove to have had a significance beyond the ordinary, when the University moved from one phase to a new period, laden with the unusual challenges, risks and opportunities.

As students you have been for years part of AUB and now as alumni you will continue so in expanded relations. We have common hopes and aspirations.

Re-assessment can be made properly only in the light of great objectives. I would suggest that for us those objectives that guide this University are two — to seek solutions of the practical problems of daily living and to nurture in the broadest sense a style of life.

PROBLEMS

There are problems in Lebanon, the Arab World and the larger Middle East that must be solved. There are major political problems that have caused misery and injustice, there are large social problems that hinder development, there are serious economic problems that perpetuate poverty and restrict growth, there are problems of health and education.

STYLE OF LIFE

Our second objective is no less important — to nurture a style of life and culture worthy of the great cultures that

have flourished in this part of the world since history was recorded, and one worthy of the aspirations of all generations. When problems are solved one still has to live. The University must provide that degree of living in which freedom prevails, rights are assured, truth is obeyed, precision is applied, the arts are encouraged and the morality of the more abundant life is cultivated.

Let us therefore look at our University.

CRISES

We have had crises which have forced us all — students, faculty, alumni and administration — to rethink our roles. It is no consolation for us to know that we were not alone in these trials, that all universities experienced this unrest. But each must live his own crisis and find his own solution. If, however, «a crisis is an opportunity,» as Whithead declared, then I believe we did use the period of our difficulties as an opportunity to search for better ways of living and working together.

The past year is evidence of that.

The crisis of last year continued to a degree into the present. Strikes, fights, interference with classes and occupation of buildings did occur. But in the aftermath a consensus of opinion grew among students that more effective mechanisms could be found, consistent with the purpose of a university.

PARTICIPATION

Long deliberation by student groups, University committees and by the University Senate led to the drafting of a new Constitution for the Student Council and for broad participation of students at departmental, faculty and University levels. A newly elected Student Council proposed amendments to the Constitution that would provide a workable base for their responsibilities. The Council supervised the Speakers Corner, Outlook, and the Campus yearbook, and it further vigorously pursued the adoption and implementation of the participation formula. With a new Council Constitution and with student participation established, the

University looks forward to more vigorous participation by students.

One can hope that the lessons learned from the crisis will not be lost; all of us have learned something:

The need for communication;

The awful consequences of violence in the fragile contest of a university;

The need to restrain passion;

The need for clarity of vision lest one loses the whole in his concern for the part.

INVOLVED FACULTY

Next is the matter of an involved faculty.

Over the past year I have held informal discussions at Marquand House with almost all members of the four Faculties and with representative student leaders.

These meetings served well to involve more of the University's community in its problem. Interesting — and surprisingly consistent — patterns emerged from these evenings: the concept of mission, of dedication, of excellence, responsibility of breadth of program. There were bold thoughts as to re-organizations, and many who felt that the program outline, constantly refined, should not be essentially altered. Almost all believed that the University's program had to be relevant to the area's needs. But, most, also, attached to their statements qualifications: the humanities must not be lost, there must be a place for pure scholarship, in fact, were not the humanities just as relevant as some of the more obviously pragmatic courses — and why could they not be made so in their teaching.

The involvement of the Faculty in planning the future of the University is essential and accepted. We must develop this involvement to make sure that all diverse opinions are heard and channelled to become part of the decision-making process. We have in this University one of the greatest associations of talent in the entire Middle East. It is our duty to use it effectively.

RETHOUGHT PROGRAM

This leads me to consider a rethought program.

My meetings with the Faculty and my consultations with the Trustees and studies we had made in the administration all pointed to the need to rethink the entire University program. Partly this is based on financial stringencies but more even on the concept of a constantly renewed university — at once closely responsible to the times and yet preserving the values of scholarship.

STERN TIMES AHEAD

It had become apparent at the beginning of the year that future income of the University most likely would be limited. The increases we had been able to obtain in the past could not be expected in future years. The steadily increasing inflation of costs accounts for most of the difficulties. In recent years the University's budget has been kept in balance, even with a limited expansion of program, due to a moderate increase in income but principally to economies made in the expenditures of the University. It is clear this year that we are approaching the end of the effectiveness of such measures. While the critical year for the continuing balance of income and expenses is still two or three years away, measures must be taken now to anticipate these stern times ahead. So the critical year for the initiation of planning is 1972-73.

Through many studies and consultations we have held within the Administration, we have learned much of the relative values of different procedures and organizations. Out of this has evolved already a degree of efficiency that did not previously exist and promise of much more as further re-organizations, decentralizations, and simplifications can be accomplished.

ACADEMIC PROGRAM

The academic program has remained essentially the same for the past year. But the discussions calling for change — sometimes for radical change — were directed to the future, immediate and distant.

Accordingly, I asked the Faculties and the Administration to form committees to re-assess the University program

from the perspectives of structure and finance. The Provost was delegated to coordinate these studies with the help of a four-faculty committee, a committee from the Student Council, and individual alumni.

These reports may well lead to the most important decisions to be made by the University in its recent years.

Finally, let us look at our breadth of service.

SERVICES

In this year we offer our largest contribution to the bloodstreams of culture and development of the Middle East. 447 of you graduates are from Arts and Sciences, 98 from the Medical Sciences, 92 from Engineering and Architecture, and 34 from Agriculture. This constitutes our input into the body politic and our contribution to its manpower.

Our faculty published pioneering studies in many fields, our students conducted service programs in Lebanon and sponsored sophisticated social and cultural programs, the Extension Program of the University reached many students who could not otherwise participate, and the University through its own efforts and those of its friends became a center of music and the arts.

The University lived in its community during the year and reflected much that happened to Beirut and Lebanon and the Middle East at large. It offered itself as a forum for discourse on the problems of the area. It was not always an uneventful period for at times tempers were high and opinions widely separated. But generally the underlying attitude was one of serious work, with a sense of considerable urgency, and therefore interruptions were not readily accepted. The problems of the region remained urgent. There seemed to be acceptance of a need for preparation in solving them and the University's offering thereby became important.

We could expand our services to the region, but this calls for greater financial support from the region. Our Alumni have responded generously to our call for help — an essential part of expanding our scope of fund raising in the region.

Although the situation in the Middle East has not changed much toward one more favorable to fund raising, the University has decided to raise the level of its campaign in the area, seeking major contributions.

NEW CONFIDENCE

As I look back at this year that has just ended and at the developments that have taken place in it and in the wake of a major crisis, I feel that the University can look forward to its program with expectation. There seems to have developed a new confidence in the University as an institution. We have learned many things which we shall pledge ourselves to put at the service of the University.

We found an interest in the thinking of others as the several parts of the University community met in discussions throughout the year. I believe we found a sense of ownership in our institution as we saw the implications of the problems we confronted in these meetings. Somehow we acquired a more personal feeling of urgency toward the University and its programs. We accepted the responsibility placed upon us by the high concept of our University's purpose. We wish to work with a new vigor.

WORD TO GRADUATES

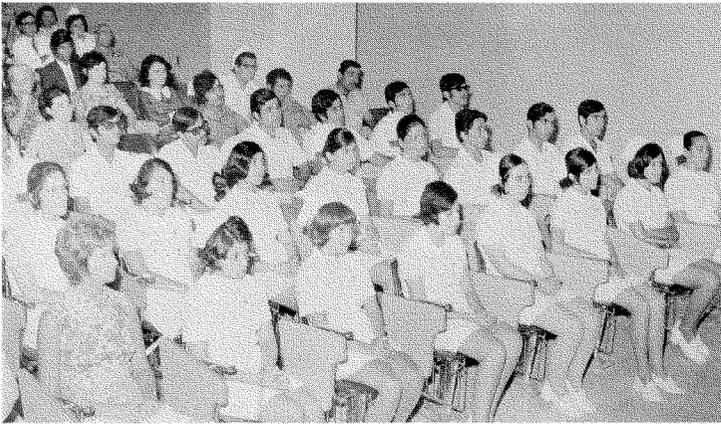
As you yourselves now leave the University we hope we have prepared you for your tasks, that where there is vitiating fragmentation you may provide integration, where there is anarchy and confusion you may provide authenticity, where there is isolation you may provide a liberating humanistic outlook, rooted in your own culture but open to the rest of the world, where there is ignorance of nature and reticence to technology you may spread information and objectivity.

We need to maintain contact with you. We need your ideas and support, and a University dedicated to the solving of the area's problems and to the nurturing of a culture rooted in the ideals of this region and yet in harmony with other cultures is deserving of your support.

I feel that we all are stronger within the University community now to do what we must do — build the future into AUB. It is our future.

It is your future, too.

7th. Group of Practical Nurses



Miss A. Carter and graduates.

The Commencement ceremony last week of the Practical Nurse Program graduating class was attended by H.E. the American Ambassador, Mr. William Buffum; President Kirkwood; Dean Lichtenwalner; Mr. Farid Fuleihan; Mr. D. Egee, Hospital Director; Mr. Rayes, Assistant Hospital Director; Miss Carter, Director of the Nursing Service; Mrs. M. Abboud, Program Coordinator; and families and friends of the graduating class as well as members of the Hospital personnel.

Mr. D. Egee who opened the ceremony by a word of welcome to the 7th graduation of the Practical Nurse Training Program of the American University Hospital Nursing Service, told the graduating class: "This modest ceremony does not represent the end of your training. As Dean Lichtenwalner said to the medical students only last week, your training and education will never end. You are now members of a very special group called the Health Care Team. Your role as members of this team is now firmly established as being essential. The Practical Nurse functions in all areas in the Hospital: in the Kidney Dialysis Unit; in the Coronary Care Unit; in the Intensive Care Unit; in the Operating Room; in the delivery suite. The Practical Nurse even assisted in the care of a recently completed Kidney transplant."

"You have even had some fame. We have received several letters from Khobar (Saudi Arabia), Lahr (Pakistan), Muscat-Oman, Amman (Jordan) requesting information and asking if their hospitals may send people to join this Program. You are part of a new idea, only seven years old, but you have already gained an excellent reputation."

In his Commencement address, H.E. Mr. William Buffum said: "I am sure that fame is not what you are looking for, but rather the satisfaction that you are helping people who really need your help."

Ambassador Buffum concluded by saying: "I extend to you my sincerest admiration for the choice you have made and wish everyone of you happiness and success."

In a special interview, Miss Carter, Director of the Nursing Service, told the Bulletin:

This is the 7th group of Practical Nurses to be graduated from the AUH and it is the only group of its kind in Lebanon and the Middle East at present.

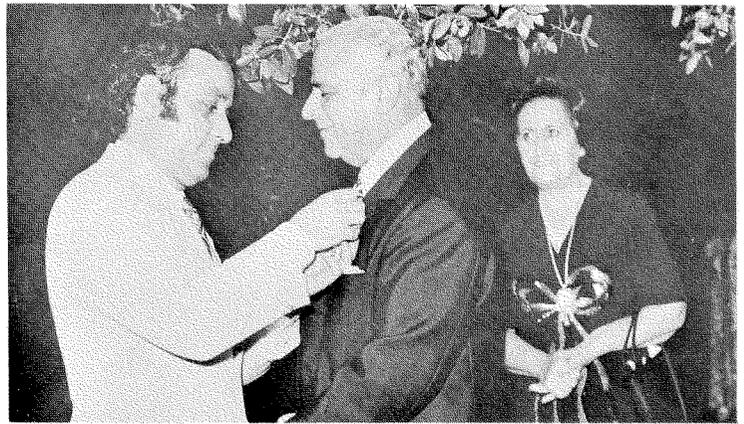
The number of people who have shown interest in the Program has been increasing each year, and we have already had 125 applicants for the next Program in October. This is a big change in response over the years. Our best recruiters are our graduate practical nurses who have had much influence over other potential nurses.

In the beginning we had more boys applying than girls, but now we are more towards a balance in male-female applicants, so to speak.

Each nurse contributes in her or his own special way. We find that male practical nurses have been able to make a good contribution in our operating rooms, while females are developing in special areas as delivery suites and nursery. All have a contribution to make in general medical-surgical areas.

This group is proving a valuable member of the Nursing Team who can contribute considerably to direct patients care under the guidance of the graduate nurse. At present, we do not have enough to meet the Hospital needs but it is hoped that in the future we will be able not only to meet the needs of our Hospital, but to assist other Middle Eastern countries by preparing practical nurses.

Mr. Aziz Nahhas Honored



From l. to r. Dr. R. Chemali, Mr. Nahhas and Mrs. Nahhas.

Dr. Roger Chemali, Director General of the Ministry of Education and Fine Arts handed a few days ago the Lebanese Order of *Commandeur*, to Mr. Aziz K. Nahhas, Director of the AUB Physical Plant.

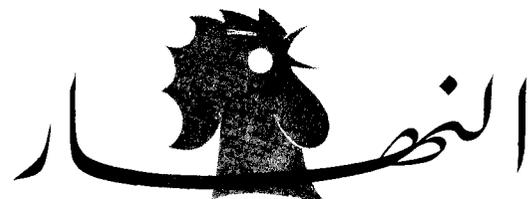
For this ceremony Vice-President Dwight C. Monnier gave a private party which was attended by President Kirkwood, members of the Board of Trustees and AUB faculty and senior employees.

In a word on this occasion Dr. Chemali referred to the service of Mr. Nahhas during forty years

with AUB, and praised the educational function of the University in the service of Lebanon and the Arab World.

President Kirkwood also spoke of the long service of Mr. Nahhas. Lastly, Mr. Nahhas thanked Their Excellency President Sleiman Franjeh and Prime Minister Saeb Salam, the Minister of Education and Dr. Chemali, and praised the services rendered by AUB to successive generations in Lebanon and the Arab World. He also thanked President Kirkwood and Vice President Monnier for their continued support and advice.

Leading daily assesses Academic Year



At the end of last week and a few days before the Commencement exercises, *An-Nahar*, one of the leading dailies, had this to say:

THE AUB ACADEMIC YEAR BEGAN BY AN ENCOUNTER BUT ENDED IN CALM

Contrary to what happened last year when studies were suspended on May 13, the present academic year has ended in calm at the American University of Beirut.

The "encounter" which marked the Administration/Student relations and started the (1971-1972) academic year, ended by being the theme of the AUB Yearbook.

Classes continued to the very last and examinations were held on time.

The students who were deprived of the graduation protocol ceremonies when the 1971 Commencement exercises were cancelled, have a tryst on Monday (July

3rd.) with the traditional ceremony which this year includes a speech by the President of the AUB Student Council.

What is the outcome of this academic year vis à vis students and Administration?

Some students say they have achieved something: the dismissed students have been re-admitted; the Student Council is back; many Administrative attitudes were confronted with force.

The Administration, for its part, has a number of achievements: the suspended students were re-admitted after they had been dismissed for a period long enough to discipline them; the Student Council is back; and except for an occasional brush between various student groups the campus has been quiet.

The past year began normal and ended in an encounter; the current year began with an encounter and ended in calm.

Colloquium on Problems of University Administration

The fifth annual summer Colloquium on Problems of University Administration will be held from July 19-August 2, 1972.

The issues which will be discussed center around "Expansion of Higher Education — Causes, Consequences and Control."

One of the outstanding developments in the Middle East has been the great expansion in higher education in enrollment, facilities and personnel.

It is estimated that in the last 25 years student enrollment in higher educational institutions has increased by around 1,000% compared to about 55% in total population increase. For example, in the Arab world, one out of every 300 Arabs is either a university graduate or student or former student. Significantly, out of every five university students, one is a girl. If the present rate of growth is maintained, which is likely, university enrollment in the Middle East will double its present size by 1980.

Moreover, during the period between 1960-1961 and 1967-1968 total secondary enrollment more than doubled. Enrollment of girls in secondary schools during the same period tripled in size. This phenomenon is not only true of the Middle East, but applies to most developing countries.

These developments are pregnant with possibilities for the future of the Middle East, because they carry within them the seeds of progress or social unrest. In an attempt to think through some of these developments in higher education, and consider their challenges and possible dangers, this colloquium has been organized.

It is hoped that the exchange of views will assist the delegates to profit from one another's experience and thinking, and enable them to submit useful suggestions which will assist the authorities in their respective countries to deal more effectively with the problems of expanding higher education.

The participants are drawn from senior officials of institutions of Higher Education in Afghanistan, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Pakistan, Saudi Arabia, Sudan, Syria, Tunis and Turkey.

The Colloquium is organized as a part of the program of University Extension and Special Programs headed by Prof. Louis P. Capleas with the cooperation of AID and the Ford Foundation. The Coordinator of the Colloquium is Dr. Habib Kurani, Emeritus Prof. of Education.

AANA Increases Giving to AUB



President Kirkwood and Dr. N. Khuri.

The Alumni Association of North America recently presented to AUB a check for \$5,500, a gift given in loving memory of Dr. Bayard Dodge, President of AUB 1922 to 1948. During a ceremony in the President's Office, Dr. Nicola N. Khuri, a director of the Association and a Trustee of AUB, made the presentation to President Samuel B. Kirkwood. Dr. Khuri is in Beirut to attend the meeting of the University's Board of Trustees which immediately followed the Commencement activities.

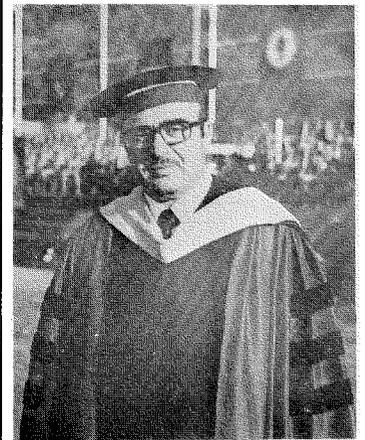
This check brings to \$10,500 the total amount given to AUB by alumni of North America this year. Mr. Victor H. Bisharat, (Alumnus-1940) and noted architect personally donated \$5,000 to endow a scholarship fund in memory of his father, Hanna Bisha-

rat. The Association's gift which was raised through their annual appeal will be used for scholarship aid to deserving Arab students at AUB.

The Association is composed of only 1,900 alumni, former students, and former members of the faculty and staff residing in North America.

The Alumni Association of North America has annually increased its contribution to the University for scholarship support; during 1969-70 the AANA gift was \$4,000; for 1970-71 it was \$4,500. The total of \$10,500 contributed to AUB this year by the membership of AANA indicates the increasing dedication of the University's alumni in North America to help AUB meet increasing financial needs.

Prof. Haddad New Registrar



President Samuel B. Kirkwood has announced the appointment of Prof. Fuad Haddad as Registrar of the American University, effective July 1, 1972. Prof. Haddad succeeds Mr. Farid Fuleihan who has served in this position since 1939. Prof. Haddad has been working closely with the Registrar's Office this year. Last year he went on a three-month visit to the United States where he had an opportunity to survey and study this particular field.

Prof. Haddad received his B.A. and M.A. degrees from AUB and Ph.D. from the University of Chicago. In 1960 he joined AUB as an Instructor in Education and has been in that Department since that time, advancing to Associate Professor in October 1971. Prof. Haddad is married and has one child.

Dept. of Education Honors Dr. Wadi' Haddad



From l. to r. Vice President Hakim, Dr. and Mrs. Wadi' Haddad, Dr. R. Chemali.

On the occasion of the appointment of Dr. Wadi' D. Haddad as President of the Educational Research and Development Center at the Ministry of National Education and Fine Arts, the AUB Department of Education recently gave a

cocktail party in his honor.

Vice-presidents George Hakim and Dwight C. Monnier, Dr. Roger Chemali, Director General of the Ministry of Education, and a large number of friends and AUB faculty members were present.

Publications Advisory Committee

The newly formed Publications Advisory Committee concerned with the representation of AUB through its non-academic publications recently elected Mrs. Rita Hunt of the School of Public Health as its Chairman.

Four subcommittees were established to look into ways and means to improve the *University Catalogue*, *Annual Report/Research Report*, *AUB Bulletin/Al-Kulliyah* and other brochures. These subcommittees are expected to meet during the Summer months and throughout the year.

Faculty are invited to communicate their own suggestions for the improvement of AUB publications to the secretary for the Committee, Mr. Arthur Whitman, Director, Office of Development, College Hall 301 or to members of the committee.

American University of Beirut

bulletin

VOLUME XV, No. 35

THURSDAY, AUGUST 17, 1972

AUB Management Development Program

The annual Management Development Program which AUB has been preparing for the past 15 years, is over. This year's program was well received by many firms, companies and Government organizations. 25 managers and directors representing the following oil companies, private and public firms, ministries and government departments in Saudi Arabia and Kuwait participated:

ARAMCO, Kuwait Oil Co., College of Petroleum and Minerals, S.A., Riyadh Electric Co., Saudi Arab Agricultural Bank, TAPline, the U.S. Geological Survey Saudi Arabian Project, Ministry of Pe-

troleum and Mineral Resources, S.A., Ministry of Finance and National Economy, S.A., Ministry of Commerce and Industry, S.A., and the Ministry of Agriculture and water, S.A.

The objectives of the program, which was held for three weeks at the Beau Rivage Hotel, were to promote the administrative potential of executives and middle managers in national and foreign firms operating in the Arab world and the Middle East area.

During the past 15 years a good number of directors and managers of government departments and private and public firms in the Lebanon and several

Arab and Middle Eastern countries participated in this program.

Designed and executed by the AUB Department of Business Administration with the cooperation of the university's Division of Extension and Special Programs and some guest professors and lecturers, this program is one of several other AUB programs which contribute towards the development and service of the area's important sectors, such as agriculture, administration and education.

In a declaration, the program director, Prof. Nabeel Shaath said that the program has become a highly participative

(cont'd on page 7)

Board of Trustees Meeting on Campus



Board of Trustees Meeting on Campus attended by:

David Dodge, Mrs. F. es-Said, Mrs. S. Fisk, Parker T. Hart, Herge Holst, Alfred Howell, Nicola Khuri, Samuel Kirkwood, Howard Page, Calvin Plimpton (chairman), James Pritchard, Shukri Shammas, Mrs. F. Smith, Hamilton Southworth, Mrs. P. Wagley, Rudger Walker, Samuel Woolley.

Three days — July 5, 6 and 7 — of formal meetings were held in the Faculty Room of Marquand House, during which time reports were submitted from the various committees of the Board. A substantial amount of time was spent in reviewing the first phase of The Program Study, as presented by Provost Thabet, in conjunction with the three months' study prepared by the Advisory Planning Committee.

Seminar on Structure of Planning Process

The Director General of the Ministry of Public Works and Transport, Engineer Mohammad Ghaziri, represented last month Mr. Sabri Hamadeh, Minister of Public Works, at the opening ceremony of the Seminar on the *Structure Of The Planning Process*.

The opening ceremony, which took place at the AUB Faculty of Engineering and Architecture, was attended by AUB President Dr. Samuel B. Kirkwood; Vice President George Hakim; the Chairman of the Association of Engineers, Mr. Bahaudin Bsar; H.E. the British Ambassador, Mr. Paul Wright; the Dean of the AUB Faculty of Engineering and Architecture, Prof. Raymond S. Ghosn; the Director of Roads and Construction, Engineer Farid Salhab.

The ceremony was also attended by the distinguished team of participating professors from the University of Sheffield, UK, a number of experts from UNO and the Ford Foundation, and 50 experts representing 13 Arab States as well as Turkey and Cyprus.

Fruitful Seminars

Engineer Mohammad Ghaziri, who delivered the speech of the Minister of Public Works, referred to the previous successful seminar, in 1970, on "Development Planning and the Machinery of Government," and thanked participants in this year's seminar for their planning and development studies in urban organization in the Lebanon and all Middle Eastern countries.

He expressed his strong hope that the joint efforts of participants and particularly their scientific and technical debates would result in recommendations which could be successfully implemented.

He concluded by wishing participants all success and by assuring them of the present Lebanese regime's interest in such fruitful seminars.

The Director General of the Ministry of Public Works and Transport was followed by the Dean of the AUB Faculty of Engineering and Architecture, Prof. Raymond S. Ghosn, who began by thanking the Lebanese Government, and particularly the Ministry of Public Works for placing this post-degree course seminar under its auspices, saying:

This is a testimony of the consideration the Government of Lebanon has always had for this University



Opening ceremony.

and in particular a testimony of the appreciation the Ministry of Public Works has always shown to this Faculty of Engineering and Architecture for its services in the fields of public works and planning.

Up-dating Post Degree Education

Dean Ghosn went on to say in his introductory welcome:

Conscious of the vital role that engineers and architects of the Middle East have to play in the real improvement of economic and social conditions of their countries and of its responsibilities, in this period of rapid development of science and technology, the Faculty of Engineering and Architecture of the American University of Beirut has taken on itself to establish a program of up-dating post degree education in the various fields of interest to the area, in the form of short full-time courses to be offered to practicing engineers or architects who cannot stay away too long from their responsible activities.

Staggering Increase in Urbanization

The present course seminar takes into consideration the dire need for the man of the Middle East to control his physical environment in the face of a rapid development of Science and Technology and of a staggering increase in population and urbanization.

In many instances the affluence brought about by the exploitation of newly discovered natural resources such as oil or other deposits or by the indirect effects of such resources, has created the sudden jumps from

the peaceful needs of a virgin society to the boisterous needs of a boom society.

For this part of the world we are experiencing today the phenomena which have changed the environmental conditions of the western world more than a hundred years ago. It took the west many decades to realize the need of planning philosophies and of planning organizations. It also took the west a fairly long time to coordinate development and planning. Now the west has to grapple with the explosive intensification brought about by its own development but at least it has started a machinery of planning which can help it meet and solve the problems of its physical environment taking into consideration its socio-economic evolutionary conditions.

Planning

In our countries of the Middle East, today, we cannot afford to wait many decades before coming to the realization that we need to strengthen our planning machinery and organization let alone establishing a machinery and an organization when virtually non-existent or stifled from existence.

However, we stand the advantage of being able to learn from the experience of those who went through similar conditions. Hence the justification of our encounter today. At this moment I am addressing professionals who I am sure are conscious of the dangers of self destruction that loom over our horizon if we do

(cont'd on page 3)

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Planning Process Seminar

not proceed diligently at strengthening and widening the scope of our planning programs. This danger is imminent and bound to become catastrophic if a more dynamic planning policy is not introduced.

«It Is Your Everest, Not Ours»

In his speech at the opening ceremony, Prof. John R. James, of the Department of Town and Regional Planning, University of Sheffield, began by expressing his pleasure at being here again, and referred to the University of Sheffield's relationship with AUB as "sisterly."

Prof. James, under whose leadership the seminar was held, announced that Sheffield University has introduced a 2-year course in planning for Middle East Engineering and Architecture graduates.

Speaking of the planning tasks which lie ahead of M.E. countries, he told participants:

"We help to carry part of the burden, but the real effort must come from you. The ascent and final conquest must be yours; it is your Everest, not ours."

Before concluding he outlined at length aspects of regional, national and local planning problems which confront national policies, describing them as only the barest outlines to be covered at the one week seminar.

Planning must be implemented

President Samuel B. Kirkwood, who was the last to speak, pointed out that the planning process has become utterly essential in the field of development, but that such planning must be implemented.

Following the opening session, participants moved to "Dar el-Muhandiss-el-Lubnani"—the premises of the Lebanese Association of Engineers in town—where the seminar was held.

This seminar was organized with the assistance of the American University of Beirut, the Ford Foundation, the M.E. Development Division at the British Embassy, the U.N. Economic and Social Office, the University of Sheffield and the Lebanese Association of Engineers. It provided a demonstration of how thinking on town and regional planning has developed in UK and discussed how experience there can be useful in the analysis and solution of planning problems in the Middle East. Speakers also explained how the United Kingdom has

come to work out certain methods and techniques and examined with the participants how far these can be applied in Planning in the Middle East.

As was the case with the first Seminar, this one was intended for administrators and senior professionals engaged in Planning in the Middle East.

At the close of the seminar, Prof. James remained in the Lebanon for a week during which he visited the towns of Tripoli and Saida (Sidon) and discussed problems of urbanism with several government officials.

In an interview with Radio Lebanon just before he left the country, Prof. James referred to the recent one-week seminar saying it was designed to assist participants in facing the problems of fast urban growth.

In this interview, Prof. James revealed the following information:

The population of the Lebanon is growing very rapidly. While death rates are decreasing, the birth rate is still very high. By the turn of the century, the population of Lebanon will have risen to well over 4 million people.

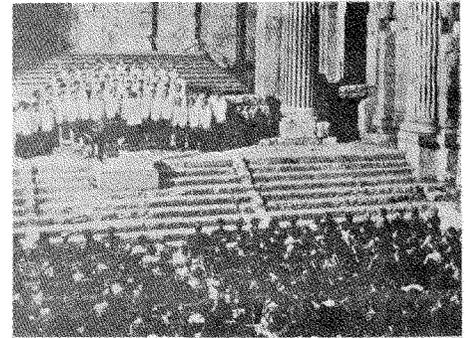
Most of the population is attracted by employment in Beirut itself, with many people leaving the rural areas where at the moment there are around 700,000. Beirut is growing very much faster than any other part in the country, and is already a city of well over one and a quarter million inhabitants.

The speed of change in Beirut is such that it might increase three times by the turn of the century. Plans should be prepared to cope with this problem and anticipate this growth. The alternative is to let everyone do what he likes with the property that he owns and put on that property whatever building he wants, and see what kind of a city will emerge, what kind of traffic is created and how the open space in the city rapidly diminishes. Finally there will be no place where children can play or people can have trees for shade. By the year 2000, there might be ten times the number of cars in Beirut that are on the streets today.

Planning does not prevent growth but redistributes it into places which are more socially desirable. He concluded:

"The officials I have talked to are very intelligent men. Most of them have studied the situation abroad and want to have a better country through planning."

Amherst College Glee Club



The Amherst College Glee Club, one of America's finest College Glee Clubs performed last month in the Crusader Church of Saint John, Byblos. The Amherst group, making its fifth International Tour, stopped in Lebanon after visiting Pakistan, Afghanistan and Iran, en route to more performances in Africa and the United Kingdom. During its stay in Lebanon, the large 58-member group also sang at the festivities of the Tyre Festival which included the launching of the sailing boat "Spirit of Phoenicia" on its round-the-world voyage manned by Mr. Dietrich Drombo and his family.

The Amherst College Glee Club is no stranger to the Beirut public as its members were guests of the American University of Beirut in 1969 when they presented a concert in the Temple of Bacchus at the Baalbek International Festival. Beirut concert enthusiasts agreed last month that the group was easily one of the very best ever to sing in Lebanon.

This year's concert included choral selections ranging from a Gregorian chant to the unusual "Alleluia" from "Brazilian Psalm" and featured some outstanding soloists singing such well-known numbers as "My Lord What A Mornin'", "Poor Wayfaring Stranger", and many others.

All proceeds went to the AUB Dean's Loan Fund for Students.

AUB Professor Member of Academy

Prof. Ihsan Abbas of the AUB Department of Arabic was elected member for Palestine by the Arabic Language Academy in Damascus.

Prof. Abbas has received a letter to this effect from Dr. Shukri Faysal, the academy's secretary general.

Colloquium on Expansion of Higher Education



Meetings in full swing.

The fifth annual colloquium on the *Expansion of Higher Education in Developing Countries — Causes, Consequences and Control*, which was planned by the AUB Division of Extension and Special Programs, was opened last month at the American University of Beirut.

Community of increasing complexity

In his address of welcome President Samuel B. Kirkwood referred to the change in the nature of universities as a result of changes in the world community, saying that the university has changed from a community of scholars to a contemporary community of increasing complexity. Consequently, the concept of university administration has changed, bringing all elements into closer contacts in support of the university as a whole.

Other speakers at the opening session were Dr. Habib Kurani, Emeritus Professor of Education at AUB and Prof. Louis P. Cajoleas, head of the AUB Extension and Special Programs.

Warm reception

Dr. Kurani, the coordinator of the colloquium, gave a thorough explanation of the 2-week program and agenda, pointing out that in view of the rapid expansion of higher education in facilities, personnel and enrollment, the time was opportune to take stock of these developments, and for the exchange of views among leaders in higher education on their causes, consequences and control.

Dr. Kurani paid tribute to the good efforts of the committee which was en-

trusted with the preparation of the colloquium, comparing its work to an "ice-berg, only a small part of which shows above water while the main block is unseen under water." Referring to this simile, one of the participants said the word ice-berg did not at all describe the warm reception accorded to them!

New knowledge is doubled every decade

Dr. Kurani was followed by Prof. Cajoleas who said:

We live at a time of endemic social crises. Among these crises are population explosion, political unrest, identity confusion, inflation of money, knowledge expansion, values disequilibrium, and super-rapid technological development. These social, political, psychological, economic, intellectual, ethical, and scientific aspects of living in the last part of the twentieth century are inevitably reflected in the institution of higher education that we call the university. The reality of more students and the issue of expansion are the basic theme of this colloquium. Greater demand for university education is a reflection among other things of the need to examine critically other needs and opportunities for post-secondary school education to which some students should be guided.

The manifestations of some of the other crises are readily noted. For example, it is said that new knowledge is doubled every ten years. If this is so, the question of what shall be included in the curriculum and what

shall be left out is formidable and one that must be continuously examined. In the area of values it used to be said that "values are caught and not taught." This may have been the case when fairly clear ethical norms existed, but today the atmosphere is cluttered with attempts to redefine "the good, the beautiful, and the just."

Rate and pattern of expansion

The first speaker at the Colloquium was Prof. Munir Bashshur, chairman of the Department of Education at AUB.

Prof. Bashshur used the form of questions and answers to lay out before participants the rate and pattern of expansion in higher education in the last two decades, in the Middle East, applying in as much as possible a comparative approach.

He took the Arab Middle Eastern countries together and compared them with non-Arab countries of the Middle East, and then took these together and compared them with some advanced countries of the West.

In making these comparisons he looked for factors such as the distribution of students by fields of study, males and females and rate of increase, and the number of graduates by fields of study and in proportion to total population.

He asked six questions and in his answers and conclusions, Dr. Bashshur revealed the following information:

In 12 Arab countries the total number of students in the early 50's was about 50,000. Ten years later, in 1960, this number more than trebled to 165,000, and seven years after that it doubled again to about 315,000.

The rate of increase was about the same in the Middle Eastern countries, both Arab and non-Arab, and close to the rate of increase reached in eight advanced countries.

The pattern of expansion in Middle Eastern countries seems to be one decade behind that of advanced countries because expansion in education in the M.E. took place in the 60's not the 50's.

The proportion of students to population is still way below in the Middle East countries what it is in the more advanced countries. For example: in 1950, the average for eight advanced countries was about 500 students per 100,000 inhabitants, which is eight times the rate in Arab countries in 1950.

In Lebanon the rate in 1967 was 1156 per 100,000 inhabitants; and in Egypt 365; Syria 593; Turkey 384; England 716; France 1239; Japan 1398, USSR 1830; and USA 3471.

Share of women

In 1960 women in the Arab countries constituted a proportion of 21% of total enrollment, and seven years later, in 1967, the proportion remained the same. Non-Arab Middle Eastern countries had an average of 19% in 1967.

For the advanced countries the average rate rose from 29% in 1950 to 32% in 1960 to 37% in 1967.

Arts and Sciences

In 1960 the Arab countries had about 57% of their students in the arts group—humanities, education, fine arts, social sciences and law—as compared to 35% in the sciences group—natural sciences, engineering, medical studies and agriculture. In 1967 the proportion in the arts group rose to 62% and that in the sciences group about 38%.

In Egypt the number of students entering fields of engineering, medical professions and agriculture more than doubled between 1960 and 1967 from a total of 36,100 students to 76,400.

This shift towards scientific studies since the early 60's is also true but to a much smaller degree in other Arab countries such as Sudan and Syria, but is not true in countries such as Iraq where a substantial shift to the arts, particularly humanities, rose from a proportion of 23% in 1960 to 51% in 1967, and it is also not true of Morocco and Lebanon, though to a lesser extent.

Contrary to what one may expect, the advanced countries in the 60's also seem to have experienced a shift towards humanities and social sciences. The overall proportion in 1960 was 41% in science fields but in 1967 it dropped to 37%. The one advanced country which shows exception to this is Japan, where the proportion in science fields rose from 23% to 28% and the proportion in arts dropped from 31% to 20% between 1955 and 1967.

Graduates and Students

In 1966 Egypt had 40% of its graduates in science and scientific professions; in 1960, six years earlier, it had 39% of its students in the same fields. Also in law, social sciences and huma-

nities it had 60% of its graduates and exactly 60% of its students in these same fields six years before. The pattern is not so consistent in the other Arab countries, such as Lebanon and Syria where a higher proportion of students than graduates existed in the humanities and social sciences, or Iraq and Tunisia where the proportion was in reverse. In the advanced countries similar discrepancies exist; in Germany, for example, a much higher proportion of students to graduates existed in humanities and social sciences, and the reverse in science and scientific fields.

The system of higher education seems to be less efficient in the Arab and other Middle Eastern countries than it is in the more advanced countries if efficiency is defined in terms of proportion of enrolled students to those who graduate four or five years later.

Numbers and Quality

Prof. Bashshur who paused to explain that he was limiting himself to the topic of delineating the extent and pattern of expansion, went on to ask: What about the quality of education?

In answering this question, he said:

In the minds of many there seems to be a mysterious link between numbers and quality: the larger the numbers the more the quality drops. I find it essential to dispel this myth. The point that I want to make is this: while it is true that there is some relationship between numbers and quality, this relationship is not necessarily a causal, nor in fact always a negative relationship. To put it differently, quality may be low or high, it may fall or rise, irrespective of the numbers of students involved. We have gone far enough in our knowledge of how an educational system works to know that quality can be a product of many things, number of students is only one of them.

Education Not Subject to the Law of Diminishing Returns

I conclude from all this that we should not look with apprehension at the rising numbers of students joining the universities. I would in fact go even further, and say that such an expansion is essential, regardless of what happens to quality. We should remember that education is the only industry that is not subject to the law of diminishing returns. It is not true that the more you have in it the less you can get out of it.

Pharmacists Honored



Dr. Gharzouzi offering his thanks

The President of the Order of Pharmacists of Lebanon held a reception at the Alumni Club last month in honor of 22 Lebanese pharmacists who have completed 50 or more years of professional service. The following nine of them are AUB graduates:

1. Dr. Edward Nasr Gharzouzi
Ph.M. 1897.
2. Mr. Spiridon Michel Metni
Ph.M. 1910
3. Mr. Elias Khalyl Bishuti
Ph.M. 1914.
4. Mr. Faris Shaker
Ph.M. 1918.
5. Mr. Kamil Issa Haddad
Ph.M. 1920
7. Mr. Samuel Salim Haddad
Ph.M. 1921.
6. Mr. Mulhim Ibrahim Haddad
Ph.M. 1922.
8. Mr. Theodore Grigoris
Hembakidis, Sr.
Ph.M. 1922.
9. Mr. Emile Nihmeh Ilyya
Ph.M. 1922.

It was a family gathering of about 250 members of their families and friends. Among the distinguished guests were H.E. the Minister of Public Health, Dr. Nazih Bizri (B.A. '36, M.D. '40); AUB President, Dr. Samuel B. Kirkwood, and the Chancellor of St. Joseph University Faculty of Medicine and Pharmacy.

The President of the Order of Pharmacists, Mr. Adib Kaddura (Ph.C. '37) decorated 21 of them (2 in absentia) with the Golden Service Medal awarded by the Order of Pharmacists of Lebanon.

Dr. Edward Gharzouzi, the oldest member of the group, was awarded the Diamond Service Medal of the Order of Pharmacists of Lebanon for 75 years of distinguished service. He was also decorated by H.E. the Minister of Health with the Gold Medal of the Lebanese Government Order of Merit. Dr. Gharzouzi holds the D.D.S. degree from the University of Maryland, U.S.A. He is an accomplished amateur sculptor with many works to his credit including a plate of Pope Paul VI.

AUH Assistant Director



Mr. Salam Rayes, back from USA, has taken over his new post as Assistant Director of the American University Hospital. He is the first Lebanese to hold this post.

Mr. Rayes, who graduated from AUB in 1963, was Assistant for Administration at the Hospital. He was sent for two years by AUB to attend the George Washington University where he received his Masters Degree in Hospital Administration. His training included a one-year administrative residency at the Johns Hopkins Hospital.

Mr. David Egee, Director of AUH, has welcomed Mr. Rayes back and wished him success in his new position.

Mr. Rayes has explained that the administration of hospitals is a new field of specialization for the Lebanon, pointing out that the country's hospitals need specialists in this expansive field.

He added: The director of a hospital must closely watch over its administration as well as the implementation of programs laid down for medical students, and for discharged patients who, on leaving the hospital, will have to undergo periodic examinations.

Furthermore, the hospital director studies his budget, fixes the cost of surgical operations, supplies the hospital with equipment and controls expenditure.

T'Phone Malfunction

The breakdowns, the mixings, the overridings and the interruptions occurring on the AUB city telephone lines connected to the city Hamra exchange are due to the installation, by the Telephone Directorate General, of special equipment in the Hamra exchange for the direct dial out of international toll calls.

This malfunction will have to be expected and endured until the modifications are completed and tested.

It is not known how long this will last.

Trustees Distaff Activities



Mrs. Fuad Najjar, Mrs. S. Woolley, Mrs. S. Kirkwood, Mrs. H. Southworth, Mrs. H. Holst, Miss S. Najjar and Mrs. N. Khuri.

While AUB Trustees were holding their busy annual meetings at the university in July, a full 3-day program of visits to several institutions in Lebanon was arranged for their wives.

On the first day, Mrs. N. Khuri, Mrs. H. Southworth and Mrs. S. Woolley went to Baabda, near Beirut, to visit the Lebanese School for the Blind where they were received by the school director, Mrs. Samir Lahoud, who described the worthy work done at this place. Before leaving, they listened to a student reading a moving passage from *Tom Sawyer*.

The second day included a visit to another school of worthy service, Father Roberts Home for the Young Deaf, at Ajaltoun.

Mrs. S. Kirkwood, Mrs. C. Plimpton, Mrs. H. Holst, Mrs. N. Khuri, Mrs. D. Monnier, Mrs. D. Taylor and daughter Tanya, Mrs. H. Southworth, Mrs. S. Woolley, and Dr. S. Fisk, went first

to Beit-Chebab and Beskinta to watch potters, bell-makers and weavers at work, before visiting Father Roberts who showed them around his school.

On the third and last day, Mrs. S. Kirkwood, Mrs. H. Holst, Mrs. N. Khuri and daughter Suzan, Mrs. D. Taylor, Mrs. H. Southworth, Mrs. S. Woolley, together with Mrs. Fuad Najjar, President of the Village Welfare Service, and her daughter Miss Sana Najjar went to five villages in the Shouf district. They visited an XVIII Century monastery, a school sponsored by the Village Welfare Service and more potteries and weavers. In the traditional village hospitality, one weaver invited the ladies to have refreshments at his house with his family, and the ladies graciously accepted the invitation.

On all three days, the ladies were accompanied by Mr. Nabeel Ashkar who took a good number of pictures and kindly supplied the BULLETIN with a few.



Mrs. H. Holst, Mrs. D. Monnier, Mrs. C. Plimpton, Mrs. S. Woolley and Tanya Taylor seen with Father Roberts.

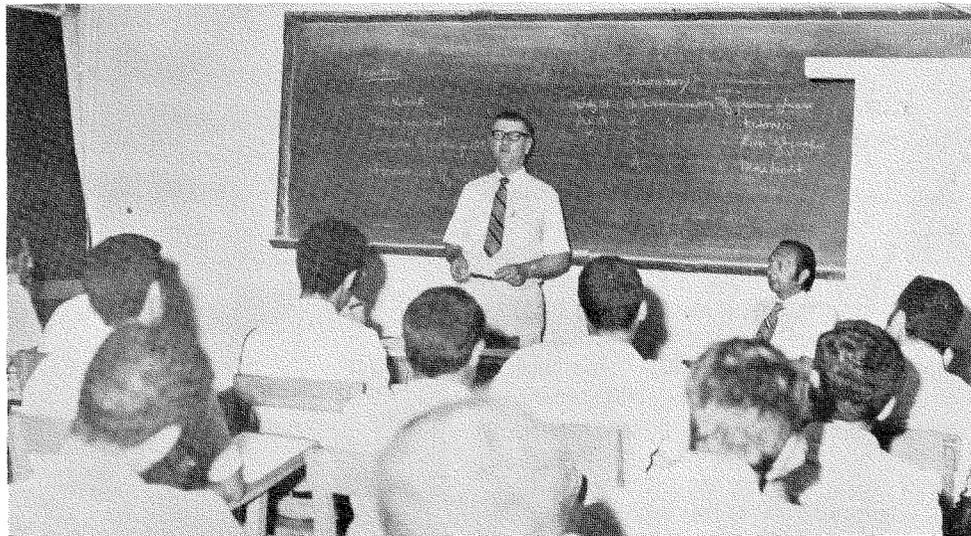
AUB Training Programs For Libyan Agr. Students

Two groups of students from the University of Libya Faculty of Agriculture are attending 4-week summer training programs which the AUB Faculty of Agricultural Sciences has especially prepared for them. The two groups include 33 majors (19 men and 1 woman from the Libyan faculty's Soils and Irrigation department together with 13 men from the Food Technology-Nutrition department), as well as 40 majors (39 men and 1 woman) from the faculty's Plant Production department.

The training programs include theoretical and applied studies at AUB's Faculty of Agricultural Sciences and its Hosh Sneid farm in the Bekaa, and various agricultural subjects, like farm management, marketing of products, agricultural mechanization, correct maintenance procedures, irrigation, soil morphology, food sciences, dehydration processes, etc.

The Libyan students are accompanied by a number of their professors to supervise the programs. Dr. Abdo Shahata, professor of Food Technology at the Libyan Faculty of Agriculture has declared that the training programs will enable the students to obtain practical and applied experience.

Dean Stanely Swenson of the AUB Faculty of Agricultural Sciences, has explained that the existing cooperation between AUB and the University of Libya is four years old and has yielded good results. Dean Swenson pointed out that in preparing the programs the AUB Faculty of Agricultural Sciences has carefully studied the specialization fields of the Libyan students to give them the best training possible during their short stay here.



Dean Swenson addressing trainees



Trainees at AUB farm

Management Development

(cont'd from page 1)

one employing the modern techniques of training with local cases and examples. Cases, group dynamics exercises, role playing and games (simulation) are used. This short-term program should help the manager identify his problems and limitations, offering him a balanced approach to his decision-making and problem-solving requirements.

At the close of the program a number of managers visited several companies and private firms in Lebanon and the Lebanon Electricity Authority to acquaint themselves with the administrative methods followed in the Lebanese private and public sectors.



Prof. Shaath and participants

AUB & Gibran Exhibition

A KAHLIL GIBRAN (1883-1931) exhibition, especially organized by AUB in collaboration with the Gibran National Committee and the Youth Committee of the World Lebanese Cultural Union, was opened last week at the gallery of the National Council for Tourism in Beirut.

The exhibition (Aug. 2-15), in honor of the Youth Congress of Lebanese Descent, is a pictorial biography illustrating selected aspects of Gibran's life and work. It consists of over 200 photographs, with commentary, suitably reproduced for public display, of people, places and events in the poet's lifetime and of reproductions of some of Gibran's paintings, drawings and sketches. The material includes a number of rare photographs and the collection here brought together is unique.

The exhibition is a pioneering treatment in the use of visual techniques to show the relationship between historical



and biographical facts and imaginative writing. While it is of particular service to the student of literature, the variety and interest of the material give it a wider public appeal. Professionally, the material thus presented is of great help to students, teachers and critics.

The exhibition was assembled and designed for the American University of Beirut and the Gibran National Committee by Prof. Suheil B. Bushrui, Chairman of the AUB Department of English.

The opening program included introductory remarks by Prof. Antoine Karam, chairman of the AUB Department of Arabic, and addresses by Professor Emile Geagea, Chairman of the Gibran National Committee and Professor Bushrui. They were followed by Dr. Samuel B. Kirkwood, 'President of the American University of Beirut who spoke of "Gibran and the University" in these terms:

We at AUB are proud to make this

contribution to your program and grateful to you for giving us this opportunity. We feel more than usually close to Gibran. He was Lebanese and part of the culture in which we are now ourselves immersed, and yet he spent many of his productive years living in the United States.

He was able to bridge two languages and produce masterpieces in both. These were not translations. Though his philosophy was comprehensive and inclusive, he had the rare ability to speak to East and West each in its own tongue. As has any university we have a responsibility imposed upon us to be an active repository of a culture. So, out of respect for the great chapter in Lebanese—and world—culture that is Gibran, we teach his works in our courses, and through our Department of English, under its Professor, Dr. Bushrui, we have assembled these memorabilia of Gibran you see here tonight.



AUB BULLETIN

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Director of Information and Responsible editor:

Redwan Mawlawi.

Editor: George Salhab.



Address
To :

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American University of Beirut bulletin

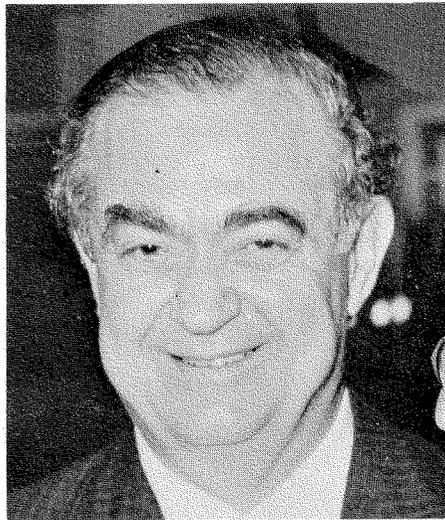
VOLUME XV, No. 36

THURSDAY, SEPTEMBER 7, 1972

Trustees Emeriti



Dr. Rudger Walker



Sheikh Najib Alamuddin

Dr. Calvin Plimpton, Chairman of the AUB Board of Trustees has announced that at its recent meeting in Beirut, the Board unanimously elected Sheikh Najib Alamuddin, Chairman of the Middle East Airlines-Air Liban as Trustee Emeritus. Sheikh Najib was elected a member of the Board of Trustees on February 29, 1964. Besides being a member of the Middle East Committee, he also served most recently on the committees for Arts and Sciences, Buildings and Grounds, Development and Research, and Membership and Nominations.

Sheikh Najib had submitted his resignation from the Board due to increasing pressures in his responsibilities as chairman of MEA-AL.

Dr. Rudger Walker of Provo, Utah, was also elected Trustee Emeritus at the same meeting upon reaching the Board's retirement age.

Dr. Walker joined the AUB Board of Trustees in 1954. Most recently he served as chairman of the Agricultural Sciences Committee, and he was also a member of the Educational Policy Committee.

AUB Aggie Fair

The second annual AUB Aggie Fair was held Saturday, August 19, at the American University of Beirut's Farm in the Beqa'a, Lebanon. The event which was sponsored by the Faculty of Agriculture gave the public a view of the farm project work which is carried on by all undergraduates as part of their practical training in management practices in various agricultural enterprises. Exhibits of the different projects, competition in crops and livestock showing, and a plowing contest were among the

events which were viewed by about 400 spectators.

The grand prize for the best project exhibit was taken by the poultry students group for the second year in a row. The display depicted the life cycle of the chicken from mating time through the egg, raising of the young chicks, and finally the slaughter and preparation of the carcasses for market consumption. Onlookers were thrilled to

cont'd. on p. 7

Medical History At AUH

The first coronary surgery of its kind in the Lebanon and the Middle East, an aortic coronary bypass graft, was conducted last month by a team of AUH doctors.

The operation lasted three hours and the next day a press conference was held at the hospital where a large number of journalists representing the local press, TV and the official National News Agency met four doctors of the operating team and listened to a brief statement on cardiac surgery at the AUH by the hospital Assistant Director.

The story dominated the press and was broadcast and televised. Although AUH officials declined to reveal the names of the operating team, papers mentioned that the operation was conducted by Dr. Ibrahim Dagher and their headlines said it made Mideast medical history.

Cardiac Surgery at the American University Hospital dates back to 1952 when closed heart surgery was started by peeling off a thickened peri-cardium. Soon, and in 1954 intra-cardiac surgery in the form of

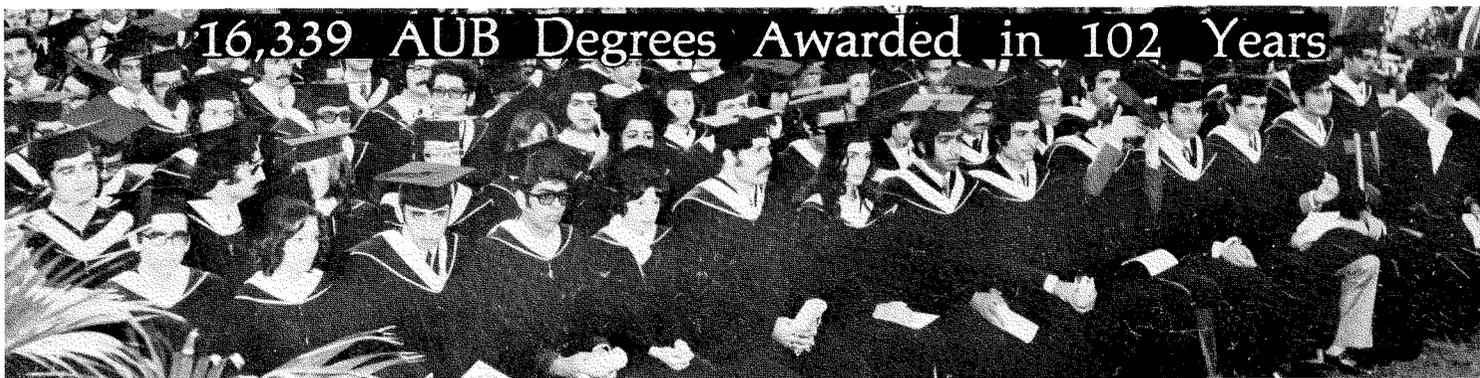
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\$ 25,000 Donated By Hunt Oil Co.

Mr. N. Bunker Hunt of Dallas, Texas, has donated \$25,000 to the American University of Beirut.

The donation was made through Dr. Samih Alami of AUB who, together with Mr. Saud S. Abu Kishk, Executive Assistant to the President of Hunt Oil Co., recently visited President Samuel B. Kirkwood in his office and handed him a cheque for this amount.

\$5,000 of the donation are to be used in scholarships for AUB Palestinian students and the remaining \$20,000 for Arab students, particularly Libyans and Palestinians at AUB.



During the past two months several stories covering the last Commencement Exercises appeared in the local press with details of the degrees awarded by AUB. The Bulletin is reproducing herewith a breakdown of the 1971-72 degrees together with total figures of degrees awarded in 102 years.

**AUB Degrees Awarded
in 102 Years
From June 1870 to
July 1972**

16,339 Degrees

Agricultural Sciences	756
Arts and Sciences	10771
Dentistry	154
Engineering and Architecture	1508
Medicine	1944
Medical Sciences	46
Nursing	60
Pharmacy	1046
Public Health	54
	<hr/>
	16339

Certificates and Diplomas

Nursing and Midwifery	914
	<hr/>
	17253

Degree	Graduates	Graduates	Graduates	Total Graduates
	Oct. 1971	Feb. 1972	June 1972	
B.B.A.	7	11	53	71
B.A.	34	32	189	255
B.S. (Senior)	11	20	99	130
B.S. (Med. I)	8	—	40	48
M.B.A.	1	—	4	5
M.A.	34	14	46	94
M.S. (A&S)	6	3	15	24
Ph.D. (A&S)	2	—	1	3
B.S. (Agric.)	10	7	20	37
M.S. (Agric.)	21	15	14	50
Bachelor of Arch.	3	—	14	17
Bachelor of Engineering	3	5	76	84
Master of Engineering	2	2	4	8
Nursing Diploma	1	—	19	20
B.S. in Nursing	—	—	2	2
B.S. (Pub. Health)	—	—	1	1
M.P.H.	—	—	8	8
M.S. (P.H.)	3	—	—	3
B.S. in Pharmacy	3	—	24	27
M.S. in Pharmacy	—	—	—	—
M.S. (Med.)	4	3	3	10
M.D.	2	1	41	44
Ph.D.	—	—	—	—
	<hr/>	<hr/>	<hr/>	<hr/>
	155	113	673	941

JUNE 1972 GRADUATES

Degree	High			Total Graduates	No. of Failures
	Distinction	Distinction	Ordinary		
B.B.A.	—	4	49	53	4
B.A.	4	23	162	189	4
B.S. (Senior)	3	7	89	99	8
B.S. (Med. I)	—	7	33	40	1
M.B.A.	—	—	4	4	—
M.A.	—	—	46	46	—
M.S. (A&S)	—	—	15	15	—
Ph.D. (A&S)	—	—	1	1	—
B.S. (Agric.)	—	1	19	20	—
M.S. (Agric.)	—	—	14	14	—
Bachelor of Arch.	—	2	12	14	—
Bachelor of Engineering	—	11	65	76	—
Master of Engineering	—	—	4	4	—
Nursing Diploma	—	—	19	19	—
B.S. in Nursing	—	—	2	2	—
B.S. (Pub. Health)	—	—	1	1	1
M.P.H.	—	—	8	8	—
B.S. in Pharmacy	—	—	24	24	2
M.S. (Med.)	—	—	3	3	—
M.D.	—	2	39	41	—
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	7	57	609	673	20

1922 and 1947 Graduates Honored



Table of honor — l. to r. : Vice President Hakim, Mrs. Shukri Shamma, Mr. Poige (Vice chairman of the Board of Trustees), Mrs. S. Kirkwood, Mr. Fawzi Ma'louf (Vice chairman of the Alumni Association), Mrs. Poige, President Kirkwood, Mrs. Fawzi Ma'louf, Mr. Shukri Shamma and Mrs. George Hakim.

The AUB Alumni Association in Beirut gave last June a big dinner, attended by the AUB President and Vice Presidents and members of the Board of Trustees, to celebrate the silver and golden jubilees of 1922 and 1947 graduates. The speakers were former MP Abdallah Haj ('22) and Dr. Majid Fakhry ('47).

Architect Omar Taky



HE President Franjeh receives Taky

Following the AUB 103rd Commencement Exercises in July, the local press published pictures of Omar Taky being received by His Excellency the President of the Republic, Mr. Sleiman Franjeh. Papers said Omar Taky had graduated in Architecture with Distinction, obtained the Fulbright award and was going to the Massachusetts Institute of Technology in USA to "specialize in designing low income group houses in developing countries."

According to press stories His Excellency the President told Omar Taky: "Son, when you feel you need anything, write to me at once. Address your letter simply to Sleiman Franjeh."

Architect Omar Taky was quoted as saying:

"I was very happy to hear of the President's concern for science. His Excellency told me to be proud of my country and to come back here and work."

"An architect has a responsibility towards his people, and his job is not only to design costly villas but to care for those with limited or no income."

Summer Program for Kuwait Teachers

The AUB Division of University Extension and the Center for English Language Research and Teaching (CELRT) conducted at the university a seven-week program this summer for teachers of English from Kuwait. The program, which lasted from 3 July to 18 August, was arranged by Dean L. Cajoleas and Center Director Bratton through the Kuwait Ministry of Education as a result of a visit by the Center Director to Kuwait last April. Thirty-eight teachers attended, of whom thirty-one received certificates of completion of the course.

Emphasis during the one hundred five hours of classroom instruction was divided between methods of teaching English as a foreign language and proficiency in English. The latter was tested by the University English Entrance Examination which revealed an increase in adjusted score of fifty points or more for half of the candidates as against their previous scores. This is equivalent to the average increase in score in the University Orientation Program after one full semester's work. The methods course was project-oriented, geared to the teachers' own experience and the text they use in Kuwait.

In addition to regular classes, the group participated in class teaching observation and were assigned group or individual projects in the area of visual

aid preparation. The entire project was informally observed by a Kuwait Inspector of English who is working at AUB towards his M.A. in Teaching of English as Foreign Language (TEFL).

The staff of the program consisted of the program coordinator, Dr. Ralph H. Brown (CELRT) and of the class teachers, Mrs. Kathleen Mallek, M.A. and Mrs. Aliah Schleifer, M.A. both of TEFL, and Mr. Robert Maple of the English Department.

This program was the first in a projected series of in-service courses to be offered jointly by the Center and the Extension Division for TEFL teachers and supervisors throughout the Arab world.

Dr. Salah Nasrallah joined AUB last July as lecturer in the Department of Internal Medicine (Gastroenterology) and member of the University Health Service.

Dr. Nasrallah was born in Hadath in 1939. After graduating from AUB with an MD in 1965 he spent four years at the Johns Hopkins Hospital where he trained in internal medicine and gastroenterology.

Dr. Nasrallah has been appointed acting Director of the University Health Service during the absence on annual leave, September 1-30, of the Director, Dr. Nabil T. Nassar.



Special Training Program for Saudi Employees



Vice President D. Monnier has received a letter of appreciation from Dr. Khalil Al-Munjid of the Saudi Ministry of Health. The writer requests Vice President Monnier to convey the thanks of Saudi trainees to the AUB administration and to those in charge of the courses, among them Mr. Saqr, Mr. Cooperider and Mr. Abdul Zhalik, the coordinator delegated by Ford Foundation in Saudi Arabia.

The third group of Saudi trainees seen with Vice President Hakim when he received them in his office, together with Mr. Cooperider, Dean Najemy, Acting Dean of Women Hind Musa and Mr. Abdul Khalik.

A third group of Saudi government employees completed last month a special storekeeping training course at the American University of Beirut. The course, under the auspices of Ford Foundation, is part of the "Training Program in Supply Management for Saudi Arabians" which is prepared by AUB. 28 employees from various Saudi government ministries have been chosen to come in five groups to attend 4-week training courses this summer.

Supply & Procurement Management Program

In continuation of its tradition in providing services to the people of the Arab World and many Middle Eastern countries, and due to the area's rapid pace of development which requires training in increasingly important fields of administration, the American University of Beirut is offering training programs in Supply and Procurement management.

Function Without Interruption

As many countries are expending considerable efforts and funds to improve, expand, and modernize important departments of government and government supported agencies, institutions and hospitals, the requirements for supplies and equipment to support such rapid expansion and development increase greatly and become more complex. The system to be used for procurement and supply of such material and equipment must be up-dated and made effective to

meet changing requirements. To have the correct repair part or fuel available when needed ensures the continued operation of vital equipment. To have the correct scalpel blade or suture available when needed may save a life. Too often the correct item has been purchased but cannot be located, or the wrong item has been purchased and cannot be used. To ensure that all agencies may receive the support they need to perform their functions without interruption, it is necessary to have efficient and effective systematized procurement and supply procedures. An efficient and effective system will contribute significantly to the saving of funds, which could be used to advantage in other programs.

Method and Content

The training course will be based on a highly efficient system of procurement and supply currently in operation at AUB which is widely recognized and

extensively used in modern government and industry. The program will consist of a combination classroom instruction and on-the-job training. In consonance with the fact that students "learn more by doing," they will participate actively in all areas of material management during the on-the-job phase. The program will progress into in-depth training for personnel who are presently engaged or are to become engaged in supply management and procurement to perform the duties of any position in the system.

The University will offer these series of training programs beginning November 15, 1972. Each course will be twelve weeks in duration. The material will be taught in Arabic, with possible addition, at a later time, of an equivalent course in English since it is the desire of the University to make the program available to the maximum number of countries possible.

AUBites in New Jordanian Cabinet



Trustee Farid Al-Sa'd

Mr. Farid Al-Sa'd, B.A. '28 and member of the AUB Board of Trustees has been appointed Minister for Finance in the new Jordanian Cabinet. Mr. Al-Sa'd, a distinguished Jordanian businessman has established The Farid Al-Sa'd Endowment for Science Scholarships to assist Arab graduates who distinguish themselves in science and technology to continue higher studies and research at AUB.

The newly formed 17-man Jordanian Cabinet also includes three other AUBites—Dr. Yakub Said Abu Ghush, M.D. '38 (Municipalities), Mr. Ghalib Zaki Barakat, B.B.A. '49 (Tourism), and Mr. Ishak Ahmad Farhan, B.S. '57, M.S. '58 (Education and *Awkaf*).

Ex-AUB Student at World Congress in Sweden

An ex-AUB student of the Department of Food Technology and Nutrition, Ioannis Georgiou Karis, recently attended in Göteborg, Sweden the 11th World Congress of the International Society for Fat Research. Mr. Karis had won one of the two grants of the Society of the Chemical Industry of Great Britain, available to two Ph.D. candidates from British Universities, to attend this world congress. He presented a paper to the congress, entitled "Lipids in Leaf Protein Concentrates and their role in processing." Four hundred scientists attended and more than 300 original papers were presented. The next World Congress on Fat Research will take place in Milan in June 1974.

God and Man in Contemporary Islamic Thought

The last of the AUB Centennial Publications has finally come out of press.

God and Man in Contemporary Islamic Thought consists of part of the proceedings of the Philosophy Symposium held in 1967, to commemorate the centennial of the University. The other half appeared in 1970 under the title *God and Man in Contemporary Christian Thought*.

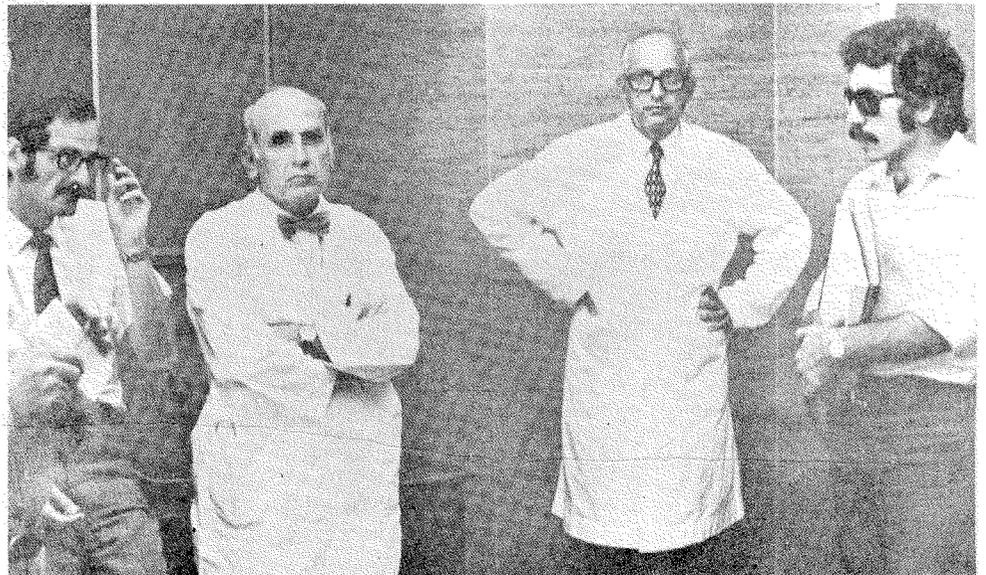
The volume on Islamic thought consists of twelve lectures delivered by eminent thinkers and scholars in the field of theology, religion and philosophy, who came from various parts of the world to speak at the University. They

are: Inamullah Khan, Jamal Ahmad, Ahmed Zaki Yamani, J. Van Ess, Muhsin Mahdi, Ishtiaq Husain Qureishi, Titus Burckhardt, Javad Nourbakhch, Seyyed Hossein Nasr, Musa Al-Sadr, Osman Yahya Al-Armanazi, Sheikh Nadim Al-Jisr.

The lectures are printed in the language they were delivered in.

Dr. Charles Malik, distinguished professor of philosophy at AUB is editor of the two companion volumes. He has enriched each volume with a long introduction in which he discusses each of the lectures delivered and presents his personal interpretation.

Medical History at AUH



At press conference

cont'd from p. 1

widening the narrowed mitral valve began. In 1958 Cardiac Surgery developed to the level of open heart surgery which entailed the temporary arrest of the heart and lungs and maintenance of life by the use of a heart-lung machine. In 1964 diseased heart valves were replaced by mechanical valves—one or several valves being replaced by artificial valves. Lately, the addition of new cinematographic equipment were added to the Cardiac Catheterization Laboratory of the Hospital. This made possible the visualization of diseased coronary arteries responsible for the symptoms of angina and myocardial infarction and permitted the surgical bypass of the obstruction of the ar-

tery. Such was the procedure which was successfully carried at the American University Hospital last month on a 50-year old patient who suffered from angina at rest not responding to medicine treatment.

The operation consisted of transferring a vein from the left leg and interposing it between the aorta and the coronary artery after its obstruction as accurately visualized by the cineangiography. The vein was removed from the leg and turned around and was sutured one end to a window made in the aorta and one end to the coronary artery after the obstruction as the heart was arrested and was being replaced temporarily by a heart-lung machine.

AUB in the Local Press

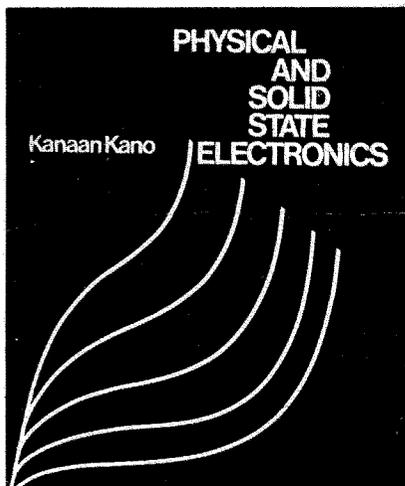
The various activities of the American University of Beirut during the past two months, such as the commencement exercises, conferences, seminars and many others, were widely covered by the local press and other information media.

The AUB 103rd Commencement exercises had extensive coverage in the local press and by the official National News Agency, and also over the Radio and TV, in addition to the Lebanese Cinema Newsreel. The releases on this event were reproduced, with papers stressing President Kirkwood's references to attacks on South Lebanon.

The weekly *Al Hawadess* devoted two pages, with picture and statistical table, to an article headed:

Role of AUB in Beirut and the Arab East.

3 Presidents of Republics and Speakers of Parliament, 10 Prime Ministers, Tens of Ambassadors and MPs graduated from AUB.



The above influential weekly devoted its "Science" page to a review praising the book *Physical And Solid State Electronics*—by Prof. Kanaan Kano of the AUB Faculty of Engineering and Architecture, with pictures of the book jacket and of Prof. Kano.

The visit of the Amherst College Glee Club was widely covered. Papers mentioned that the club's concerts were organized jointly by AUB and the J.F. Kennedy American Center, and that proceeds were to go to the AUB Dean's Student Loan Fund.



In covering the news of the congress of young emigrants of Lebanese descent, papers reproduced Dr. Charles Malik's address to the congress on the "Role of Lebanon in the Arab World," and mentioned that the committee entrusted with assisting in the organization of the congress was mostly formed of AUB students.

The Colloquium on the *Expansion of Higher Education* was the subject of several long stories in the two main local dailies—*An-Nahar* and *Al-Anwar* and also in the weekly *Monday Morning*.

Extensive stories were published on the party given at the AUB Alumni Club in honor of pharmacists with 50 years service and more.



In a commentary on the recent fair at the AUB Farm, *Al-Bayrak* praises AUB very highly for enabling students to study Agricultural Sciences. The paper points out that the country has a real need for degrees in these sciences.

Educational News

Al-Ushu' Al-Arabi, leading weekly, reported that former Prime Minister Mr. Rashid Karami has decided to establish a university in Tripoli, Lebanon. Mr. Karami has already purchased 250,000 sq. meters of land for this purpose. A number of Tripolitan men of business and financiers will be contributing toward the construction of the planned university which is to include a school of medicine.

The weekly explains that legally no new university may be established in the country. To overcome this obstacle the new university will be registered as a branch of one of the Arab universities, probably the University of Cairo. *Al-Ushu' Al-Arabi* mentions the examples of the Beirut Arab University which is a branch of the University of Alexandria, and the University of St. Joseph which is a branch of the University of Lyon, France.

The Beirut Arab University has announced that it is introducing a Ph.D. in History as of the next academic year.

A project entailing the construction of a humanities center consisting of lecture halls, research departments and translation facilities at a cost of \$100 mn. was discussed last month at a meeting of the Lebanese Cabinet.

The Minister of Information, Mr. Khatchik Babikian has declared that when completed, the projected center which will be constructed over an area of 300,000 sq. metres in Jbeil (Byblos) in cooperation with UNESCO, will make of the Lebanon an international humanities center.

The Directorate of Secondary Education at the Ministry of Education has announced that it has 72 vacancies for teachers, as follows:

Psychology (English)	4
Mathematics (English)	7
Physics (English)	7
Chemistry (English)	3
Mathematics (French)	13
Physics (French)	13
Chemistry (French)	7
Social Sciences	15
Music	3

For more details applicants can approach the Civil Service Commission.

AUB Aggie Fair

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see baby chicks being hatched during the time that the fair was in progress.

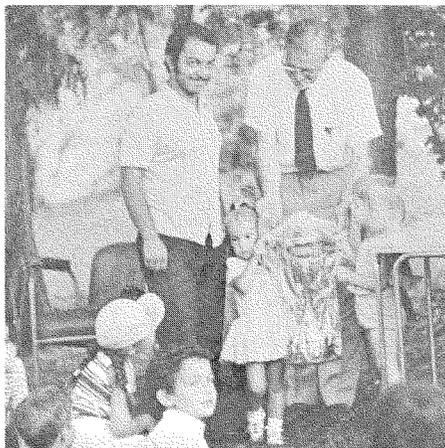
Those who made up the poultry group were Naman Dimnati from Morocco, Abbas Nasir from Bahrain and Sulayman Kidi and Michael Sughayyar from Lebanon.

The second prize went to the sweet corn students who had an elaborate display portraying the various phases of the growth and processing of the crop. The dairy project group won the third prize followed closely by the vegetable and beef students.

Omar Shawish, a member of a contingent of students from the University of Libya receiving special training this summer at AUB, was the surprise winner of the plowing contest. Shawish comes from a 200 hectare farm in Northern Libya. He barely edged Tefvik Tuzun, an AUB student from Turkey. The other two finalists in the plowing contest were Zuhayr Khatib and Daud Rishani from Lebanon.

Among the product show competition, Adnan Zatari (Sidon, Lebanon) won the potato class with the best 15 tubers displayed; the variety he showed was Alpha. Jurjus Razzouk, from Lebanon, took second place honors with his display of the Up-to-Date variety. Lina Asfour from Jordan, received the first place ribbon for the best fitting and showing of sheep while Talal Fakhouri of Lebanon was runner up. In the sweet corn class, Bismella Kamawi, from Afghanistan showed the best six ears; Issam Lukman from South Yemen was second. Katherine Yff, U.S.A., and Sameer Rishani, Lebanon, split honors in the strawberry show while Naman Dimnati and Abbas Nasir were first and second in the poultry competition. Jurjus Razzouk grabbed top honors with his mixed vegetable display although he was pushed closely by Ibrahim Itani, Lebanon. The final competition of the day was the presentation of probably the largest and most internationally represented Guernsey heifer showmanship and fitting contest at any university in the world this year.

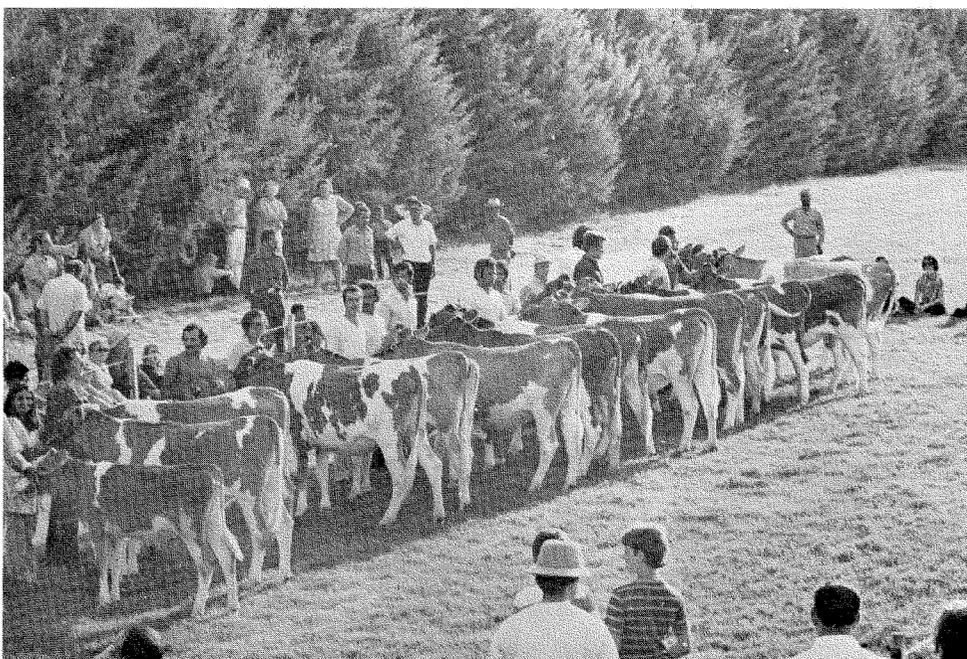
Zuhayr Khatib of Barja, Lebanon, used a combination of alert showmanship and careful grooming of his heifer to win over 14 other Agriculture students from Lebanon, Bahrain, India, Jordan, Morocco and South Yemen. He became the first winner of the Whitmoyer Challenge Cup competition for



Yes, I can carry it !



Mrs. N. Rifa'i presenting a toy IH tractor on behalf of Hamed Baki Company—distributors for International Harvester.



the grand Champion Showmanship and Fitting award.

Earlier he had won the first place Fitting trophy and came in second to David Rishani of Choueifat, Lebanon, who won the Showing Championship.

All except one of the heifers in the competition were American Guernseys donated to AUB by breeders from the states of Indiana, Oregon and Washington last November. The "Lebanese" Guernsey, *AUB Gorgeous Georgina*, at 5 months of age was the smallest heifer in the class and was the first purebred Guernsey born in Lebanon. Her mother, Plymouth Lane A. Contessa was donated by an Indiana breeder. "Georgina" not only was the smallest heifer, her leader, 20-year old Miss Gita Dewan of Delhi, India was at 146 centimeters the smallest of the competitors.

After the events, a crowd of 250 people enjoyed a dinner of barbecued beef steak, baked potatoes, sweet corn, tomatoes, cucumbers and fruit, all prepared from crops grown at the University's Agricultural Education and Research Center.

Trophies were donated by Middle East Feed Company, Hamed Baki Company — distributors for International Harvester, Massey-Ferguson Ltd., and the Agricultural Supply Company of Beirut.

Air and Soil Pollution

The Faculty of Engineering and Architecture of the American University of Beirut is holding a 2-week course on air and soil pollution under the auspices of Dr. Nazih Bizri, Minister of Public Health. The course which is in line with the AUB desire to provide engineers and architects in the Middle East with opportunities for mid-career instruction in subjects of importance to their communities, is to start on Monday, September 11. It is centered around the effects on ecology of man-made pollution.

Prof. Raymond S. Ghosn, Dean of the AUB Faculty of Engineering and Architecture has announced that the aim of this course is to examine the most up-to-date discoveries related to the effects of air pollution on health and urban planning and its interaction with local meteorological conditions.

The course is sponsored by the British overseas Development Administration at the British Embassy in Beirut, in cooperation with lecturers from the Imperial College of Science and Technology in London. A large number of engineers, architects and experts in the Arab world and a number of Middle Eastern countries are to participate in this course, together with the associations of engineers in Arab countries, engineering consultants, ministries of health, housing and public works and municipalities of Arab capitals.

Dr. Melhem of AUH Decorated



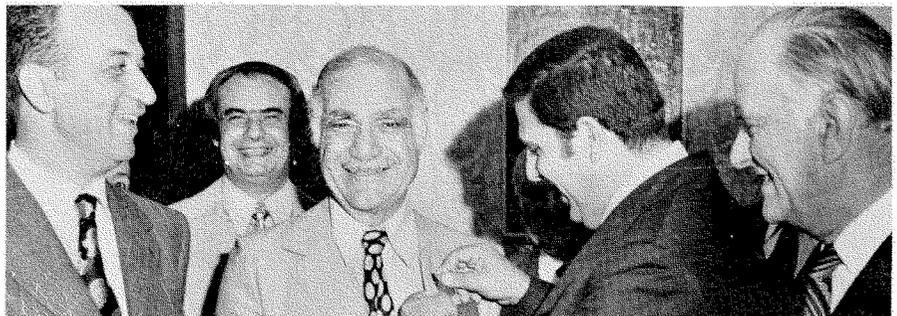
His Excellency President Sleiman Franjeh decorated last month Dr. Rafic Melhem, head of the Radiology Department of the American University Hospital with the Lebanese Order of the Cedars, Commander rank.

The decoration was awarded at the summer presidential residence in Ehden in appreciation of Dr. Melhem's courage

and sense of duty when he x-rayed suspected envelopes which contained explosives during the wave of booby-trapped mail in Beirut in July.

Dr. Jamil Kibbeh, Minister of PTT was present when the contents of these envelopes were detected by x-ray at the AUH Radiology Department.

AUB Trustee Decorated



Mr. Shukri Shammass, member of the AUB Board of Trustees was recently decorated with the Lebanese Order of the Cedars by the Minister of National Economy, Mr. Anwar Sabbah. The award was made in the presence of Dr. Albert Mokheiber, Minister of State at a party given in honor of Mr. Shammass by Mr. Riad Taha, President of the Press Syndicate.

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