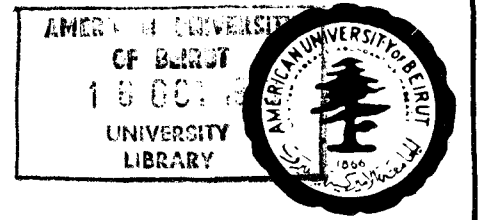


A.U.B. B U L L E T I N

VOLUME 17

1973 - 74

AUB BULLETIN



VOLUME XVII, No. 1

THURSDAY, OCTOBER 11, 1973

Conference Studies M.E. Electric Power



The opening session

The first conference on Middle East Electric Power to be held at the American University of Beirut was opened late in September at the AUB Faculty of Engineering and Architecture by the Minister of Hydro-Electric Resources, Mr. Joseph Skaff. President S.B. Kirkwood, Vice President G. Hakim, Dean R.S. Ghosn, professors of the Department of Electrical Engineering, and around fifty engineers from Lebanon, the Arab countries and the US attended, together with several European engineers sponsored by Westinghouse, Siemens and British manufacturers.

Professor Jack Hanania, Chairman of the Organizing Committee who delivered a short address of welcome was followed by the Minister of Hydro-Electric Resources who spoke of electric power and of its immediate and pressing interest to all people in our times, since it touches upon virtually every phase of life. Mr. Skaff paid tribute to AUB for organizing this meeting of engineers to study Middle East

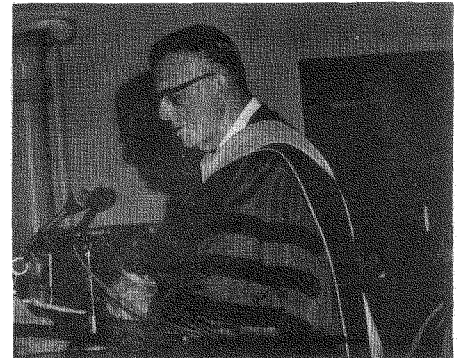
electric power problems. He pointed out that the conference was indicative of the importance of Lebanon in regional scientific progress.

Mr. Skaff drew the attention of participants to Lebanon's hydro-electric and thermo-electric projects to meet the increasing power consumption. In concluding, the Minister of Hydro-Electric Resources wished the 3-day conference all success.

Professor R.S. Ghosn, Dean of the Faculty of Engineering and Architecture began his address by thanking the organizing committee, as well as participants and the sponsoring groups. Speaking of statistics on the rate of increase in electric power demand in developed and underdeveloped countries, Dean Ghosn explained that the annual rate varies between 6% and 14%, and is even more in some countries. He spoke of the per capita power consumption which, he said, is sometimes used to gauge the progress of nations. Before

(cont'd on p. 6)

AUB 108th Year



The traditional convocation which formally opened the new academic year at AUB was held on Thursday, October 4th, at 8 am in the Assembly Hall. The ceremony began with the academic procession of members of the Faculty and a short invocation given by the University Chaplain, Professor Robert Walker. The Convocation address marking the start of the University's 108th year was delivered by President Samuel B. Kirkwood to a large assembly of students and other members of the community.

President Kirkwood began his Convocation address by a word of welcome to this coming year which, he said, « will be a year much of our own making ». He spoke of AUB as a place of learning, a gathering of scholars, a community, and a purpose, adding :

« AUB has a purpose, confirmed a thousand times over. If there is no place where men of different beliefs can meet to speak to each other and to know each other, there is little hope for a better world or a better time. All elements are here to meet this need ».

The University, President Kirkwood said, cannot be pulled and torn apart by political and personal factions and remain effective as a sustaining force for all those who would prepare themselves for the future. *(For the full text of the Convocation address, see insert.)*

Chapel Colloquies

The University Chapel is pleased to announce a series of colloquies to explore the subject «Theology Within the Context of the University»: November 12, Professor G. Kairallah; December 10, Mr. George Miller. Each Colloquy will involve a lecture and discussion.

The lecture which Dr. Charles Malik was to deliver on October 15 has been postponed. A new date will be announced later.

This series of Chapel Colloquies will be held in the Faculty Room of Marquand House and will begin at 8 p.m. Interested members and friends of the AUB community are cordially invited.

American Album

The AUB Department of Fine and Performing Arts presents an exhibition of reproductions of photographs from the AMERICAN ALBUM. These rare photographs, collected by the editors of the American Heritage give an eye-witness view of the past seventy-five years in America, showing the face of yesterday just as it was. The exhibition began on October 8th at the Jafet Memorial Library and will continue through November 10th.

University Health Service Clinic Hours

The Director of University Health Service, Dr. N.T. Nassar, has released the following :

The University Health Service provides medical care to all AUB students, insured personnel and their dependents. Appointments can be made in advance either by calling in person, or by telephone (Ext. 2554) during regular hours.

A physician is made available daily to receive «walk in patients» who must have problems of an urgent nature, otherwise they will be given a return appointment for a later time.

Clinic hours are from 8:00 am to 12:00 noon (Monday - Saturday) and 2:00 pm to 5:00 pm (Monday - Friday).

In case of EMERGENCY, occurring any time, patients should report to the Hospital Emergency Room, (or to the nearest Emergency Service or physician as deemed practical at the time). Cases will then be seen by the Resident on duty who will initiate appropriate care and consultation in accordance with the procedures outlined in the Emergency Room manual.

Prof. Mavromatis Attends Conferences in Athens and Munich

Professor Harry A. Mavromatis of the Department of Physics was last summer invited to Athens by the Greek Ministry of Science and Culture to attend a conference which concerned itself with a critical study of the structure and interrelations between Greek universities and research establishments. He was member of a committee which made recommendations for improvements in the research capability and post graduate physics programs in Greece.

Professor Mavromatis attended as well an international conference on nuclear physics which was held in Munich, Germany. He contributed papers to both conferences.



Prof. H.A. Mavromatis

Opening Tea of Women's Association Postponed

The AUB Women's Association has postponed the opening tea which was to be held under the patronage of Mrs.

Samuel B. Kirkwood on Wednesday, October 17, at 3:30 pm in Marquand House.

Public Service Announcement

If you have apartments or rooms to let to students in the Ras Beirut area, please provide the University Christian Center (UCC) P.O. Box 235, Beirut, with the following information for their *Student Housing Referral File* :

Number of rooms; Building name and location; Price; Facilities; Preferences (male, female, married, single, etc.); Restrictions; Telephone.

No Fees Charged.

Area Lectures Series

The American University of Beirut is arranging for a series of lectures on Arab and Middle Eastern affairs to be given by a number of specialized professors. The lectures are scheduled for Wednesdays at 8:00 pm, in the Faculty Lounge of Ada Dodge Hall. All are welcome.

The president of the American University of Beirut, Dr. Samuel B. Kirkwood will deliver the opening lecture of this series on Wednesday, October 17. President Kirkwood will speak of AUB's educational history since this university was founded more than a century ago.

The lectures are scheduled as follows :

October 17	Dr. Samuel B. Kirkwood
October 24	Prof. Dimitri Baramki
October 31	Prof. Aftim Akra
November 7	Prof Nabeel Shaath
November 14	Prof. Nafhat Nasr
November 21	Prof. Zuhayr Mikdashi
November 28	Prof. Nabeel Dajani
December 5	Prof. Suheil Bushrui

The American University of Beirut. The Near East: Cradle of Civilization. Problems of the Environment in Lebanon. The International Rediscovery of the Palestine Question. The Political Scene in Lebanon. The Energy Crisis and the Middle East. Lebanon: A Center of Arab Information Arab Culture and the West.

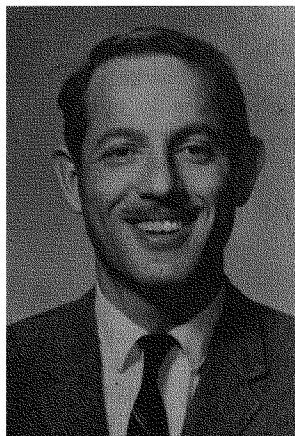
Experimental Theater Discussed



Miss M. Croydon

A panel discussion on the subject of experimental theater was last August arranged by the AUB Department of Fine and Performing Arts for members of the theater community in Lebanon. The American drama critic and author, Miss Margaret Croydon participated in the discussion and evaluated this form of theater which evolved in the US in the early sixties.

University Librarian Appointed

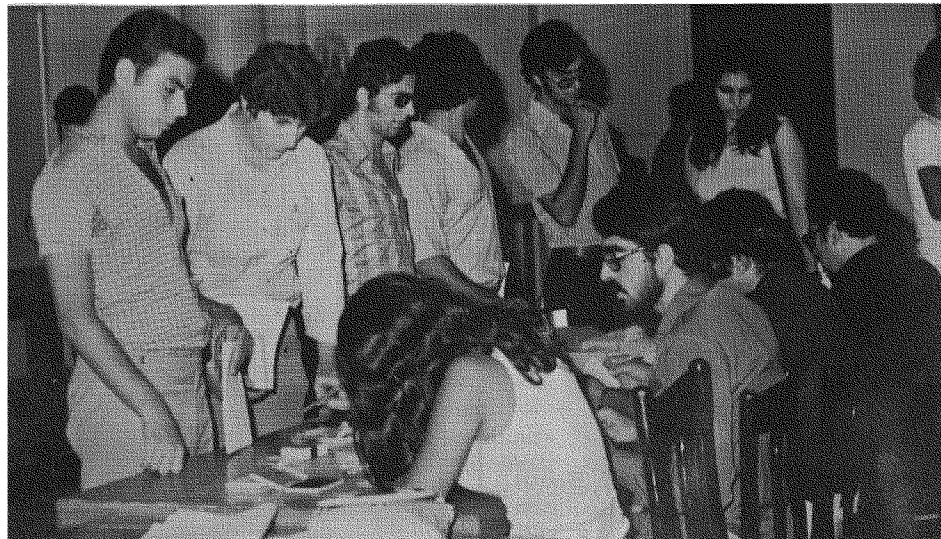


Mr. R. Thomas

The appointment of Mr. Ritchie Thomas as University Librarian, was announced late in August and became effective on October 1st, 1973.

Mr. Thomas, who succeeds Mr. Francis Kent, brings to this position six years of service at the American University of Beirut as Associate University Librarian and a broad experience in college, public and special libraries in the United States.

NSP Assists New Students



The AUB New Student Program this year has again included various activities and events which provided assistance and guidance for new students. The above picture shows old students guiding new students through registration procedures.

Water Supply Restricted

The Physical Plant has been taking measures to make maximum use of the University's potable and brackish water resources in order to overcome the serious water shortage.

In a recent circular, the Physical Plant announced that showers at the Swimming Place were consuming daily 25 cubic meters of potable water, and that this quantity could no more be supplied and was replaced by brackish well water which although clear should not be drunk. The University has indeed been fortunate in furnishing the necessary water supplies to its facilities. Now however, it can no longer supply water on an unrestricted basis.

Early this month, the Physical Plant further announced a restricted water supply schedule as of Monday, October 8.

Non-residential buildings will be supplied with cold water from 10:00 a.m. to 12:00 noon and from 2:30 p.m. to 5:00 p.m. No hot water will be supplied effective October 5th.

Residences, Faculty Buildings I, II and III will be furnished with cold water supplies from 6:00 a.m. to 10:00 a.m. and from 5:00 p.m. to 9:00 p.m. They will be supplied with hot water from 6:00 a.m. to 10:00 a.m. and from 5:00 p.m. to 9:00 p.m.

Cold water supplies will be furnished to Women and Men's Dormitories from 6:00 a.m. to 11:00 a.m. and from 5:00 p.m. to 11:00 p.m. Hot water is to be supplied to these dormitories from 6:00 a.m. to 8:00 a.m. and from 5:00 p.m. to 7:00 p.m.

Brackish water, not fresh water, is now being used for the irrigation of lawns, trees, shrubs, etc.

Concerts

The Department of Fine and Performing Arts is sponsoring the following concerts :

October 17 Heinz Medjimorec, Piano recital, Assembly Hall, 8:30 pm. Presented by the Austrian Embassy.

October 19 The Pro Arte Chamber Orchestra, Assembly Hall, 8:30 pm. Presented by Goethe Institute.

October 24 Recital by Leslie Wright and Jean-Claude Ribera, Assembly Hall, 8:30 pm. Presented by the Jeunesse Musicales du Liban.

AUB Classes Suspended



Donate

The American University of Beirut announced last Sunday the suspension of classes for Monday, October 8. This action was taken in consideration for the many AUB students, faculty and staff concerned with the present conflict in the Middle East. The day was used to establish blood donation centers and to organize other humanitarian services.

On Monday evening, President Kirkwood announced that classes were to remain suspended for another day, Tuesday, October 9.

In a third statement on Tuesday evening, the President announced that classes were to remain suspended on Wednesday, October 10, and that it was expected to resume classes on Thursday, October 11.

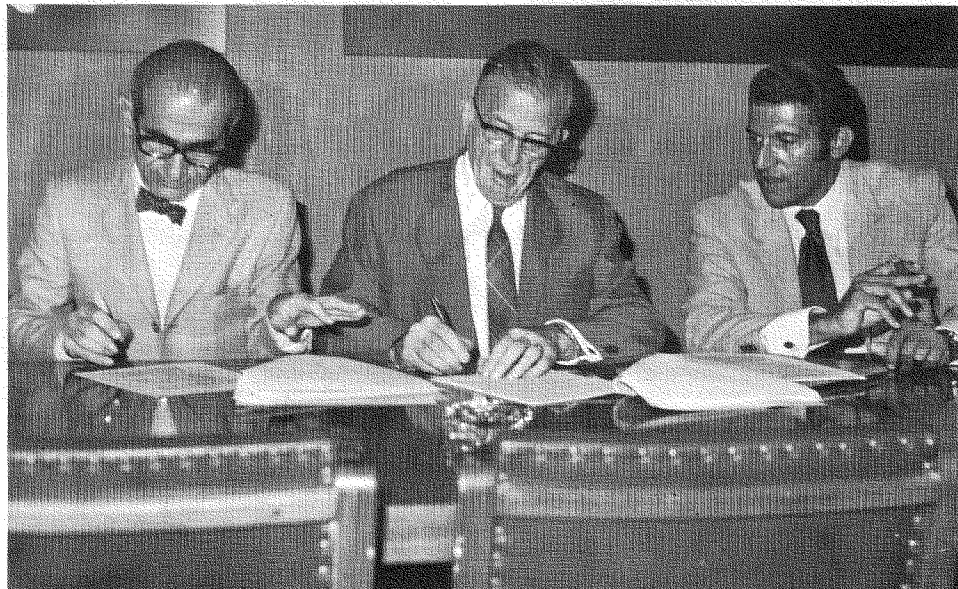
The University has also made available to the Minister of Health the facilities and staff of the AUB Hospital. Furthermore, an AUB medical team including a surgeon, assistant surgeon and an instrument nurse left AUH on Sunday evening for Damascus. These arrangements were made with the Lebanese Minister of Health, and other medical teams were also sent to Syria by the Lebanese Government. On Monday, an AUB anesthetist and a neurosurgeon also left for Syria.

Further to the above President Kirkwood announced on Wednesday evening that classes will remain suspended until Monday, October 15.

In the meantime, the University encourages students to take this opportunity to consult with their professors and advisors in their offices. Libraries will be open.

President Kirkwood expressed the University's appreciation for the many humanitarian activities of the Student Council, the student body and the faculty and staff.

Contract Signed For Research on Environment and Pollution



L. to r. Dean R.S. Ghosn, President S.B. Kirkwood, and the late Dr. Amin Sharif.

A new contract was recently signed between the Lebanese National Council for Scientific Research and the American University of Beirut for research on environment and pollution in Lebanon to be undertaken by a number of professors of the AUB Faculties of Medical Sciences and Faculty of Engineering and Architecture.

The research contract was signed by Mr. Joseph Naggear, Chairman of the Board of the National Council for Scientific Research, and by Dr. Samuel B. Kirkwood, President of the American University of Beirut.

The research program falls under the three main headings of Industrial Waste-water, Sewage and Domestic Waste-water, and Fresh Water.

It involves a detailed classification and study of industries in Lebanon, and will evaluate the overall effects of pollutants from the industrial sector and localize these effects.

It will also determine the physical, chemical and bacteriological characteristics of effluents from various types of urban agglomerations, and indicate modes of disposal.

The program involves as well the collection of data on fresh water and a survey of preselected sources. Sources of pollution and seasonal variation in water quality will also be determined through various analyses and tests.

AUB professors are to suggest feasible and appropriate methods for improvement and pollution control and treatment, and such research as could lead to the development of said methods.

The value of the contract amounts to about \$ 60,000. Half of this amount will be used in the purchase of equipment which the Council will place at the disposal of the research team, and the other half is to cover the salaries of research assistants, technicians and samplers as well as transportation and supplies expenses.

Dr. Joseph Naffa', Secretary General of the National Council for Scientific Research has declared that this research contract is part of the Environmental Survey Program in Lebanon. The Council, Dr. Naffa' said, is giving special attention to this program in order to control the dangers of pollution.

Dr. Naffa' has pointed out that this new contract is part of the overall research program which the National Council for Scientific Research has been organizing in cooperation with the Ford Foundation.

Professors and research scientists from the various universities of Lebanon, as well as a few institutions are participating in the implementation of this program.

The Convocation Address by AUB President Samuel B. Kirkwood Opening the 1973-4 Academic year at the American University of Beirut

Colleagues, Faculty, Students, Friends:

We meet once again in this Hall to begin a new academic year at AUB. Most of you are continuing as students and faculty and staff. But some are new, here for the first time. I welcome you all to this coming year. It will be a year much of our own making. This is the burden of my words to you this morning.

Lebanon has been through a period of trial and tragedy during the past year. AUB's own share was small, fortunately — but that has not diminished the sadness for what it did suffer. The University, apart from these broader events, felt internal stresses that also disrupted the normal course of its past year.

In times such as these questions are raised and accepted that in other periods would be ignored. Relationships with each other become more sensitive and acute. It becomes more important to find answers. It is a time for assessment of our position, our possibilities, and most of all of ourselves — not in any dramatic sense of a revelation but as a quiet, honest questioning of what we see we are, and what we have the courage to become, as individuals and as an institution.

AUB as a university is a *place of learning*. AUB is fortunate that its physical location is in Lebanon, a country which has always been a meeting ground for people of many nations and cultures. Our campus has the unlimited sea before it and the strength of the mountains behind. It has buildings, old and faithful and new and eager in their service to the University's work. There are few universities more happy than AUB in their environment.

AUB as a university is a *gathering of scholars*. This is an ancient definition that has stood the test of the years. In its own scholastic community AUB has counted outstanding scholars who have made their mark upon the world. It has its failures, too. But it has always represented a total level of excellence that has brought to Beirut a remarkable group of academicians. AUB offers a distinguished concentration of talent.

Community

AUB as a university is a *community*. We have within our own boundaries 650 faculty, full time and part time; 5000 students, undergraduate, graduate, and special; 2000 staff, including the Hospital and Farm. Beyond our walls there are 13,000 living alumni, throughout the world; 5,000 family members of our Faculty and Staff; 10,000 parents of our students. Thus, a total of 35,650 people are very directly associated with the University, not an insignificant number in itself.

If one accepts that AUB has always been highly conscious of the towns and cities and countries from which its students have come, the total population of those countries reaches the staggering figure of 2,000,000,000. It is not too far fetched to believe that AUB's influence has been felt in some degree by these when the positions of public and professional leadership attained by AUB graduates is considered.

These figures, of course, have grown throughout the years, but they have always, I submit, represented the cooperative work of the same groups of people in the University community. There must have been during all these years a basic balance among faculty, students, staff, Alumni, and friends with an inherent responsibility for each, mutually acknowledged and respected. We have been for over a century a successful community.

AUB as a university has a *purpose*. AUB was established to offer to the Arab world a university level education. It was a kind of education that placed its weight on developing individual thinking and even in those early days on a very modern approach to learning rather than teaching. AUB's founders were Christian missionaries, but their principles were broadly spiritual, and they demanded only that others be sincere in their own beliefs.

As this type of study developed in the intervening century with new concepts of the laboratory, the library, the seminar, the medical clerkship, field work and independent research, so the curriculum at AUB changed. But its basic purpose and dedication remained always the same — as it is today.

Stewardship

We have therefore in our hands this institution, with its purpose. What of our stewardship today? Admittedly we are living in a difficult period. Many of our long accepted institutions are being questioned. The university is one. This University — AUB — is also one whose validity is being openly questioned by some. I do not say this out of my desire to stifle criticism, but only to indicate to us of the immediate University community that we must look honestly to our own accepted responsibilities.

We can be proud of AUB — and justly so. But at the same time we can be critical of ourselves. The very essence of any university is the search for truth, and if the truth be that we can do better than we are doing, then we must recognize this.

If I say that students say there are teachers falling short of the standards they, as students, feel they have a right to expect — if I say this, it is because sincere, interested, worried students have said so.

If I say that professors say that too many students are more interested in getting by with a minimum of effort rather than a maximum of initiative — it is because dedicated professors who want to see their students succeed have said so.

If I say that many faculty and students feel that too much of administration becomes tangled in its own overweening efforts, it is because I have had them tell me so in deep and honest concern.

If I say that good friends outside the University see many of our students more as political activists than as young people seeking an education and if they see the high calling of the professions too often diverted from noble purposes — it is because in sadness they have said so.

If I say that many in the University feel that the outside community has accepted open, inaccurate, and unsupported statements about the University without rising in timely and vigorous defense, it is because many students, faculty, staff and alumni have told me so.

I have said these things out of the depths of my own concern, for perhaps I am in a position to hear these more than are others. But I do not say them in despair. The great body of teachers and students and staff and alumni and friends who are intensely loyal to the University do not merit these criticisms. And I believe that any one of us who may can change.

There may be academic disagreement — and I hope there is. There may be academic inadequacy — and since we are all human we must admit to human frailty. There may be misunderstanding of our purpose and even misconcept of a valid use of our abilities and facilities. But there is, as our baseline, a great fund of professional competence, of academic good will, of honest, academic motivation, and of personal dedication.

Future

Out of these virtues, as in the past, AUB will build its future. In the face of the problems that beset the Middle East, AUB has a purpose, confirmed a thousand times over. If there is no place where men of different beliefs can meet to speak to each other and to know each other, there is little hope for a better world or a better time. All elements are here to meet this need. But what is necessary, to be wholly effective, is a combining force — a will to work in conjunction, as a community.

This great opportunity for community is what we have here at AUB and it must not be lost. At times we have been careless of guarding it, and many times we have come close to losing it, but after this last year it is possible, I believe, now more than ever before, to seize this

time as a turning point and secure for AUB its own unique contribution.

Proposal

I am going to make a naive, idealistic, simple, perhaps even obvious proposal. Could we do this :

Accept that we have a daily level of politics, of varying nationalities, of different personalities, of individual ambitions and motivations. Accept all this as a necessary matrix for practical everyday living on campus. But let us conceive this University as an entity, apart from all this in one sense, but still very much concerned with the purposes and problems of practical living.

It is like the oxygen of the air. People of all nationalities, faiths, and persuasions must breathe the oxygen to survive. Yet the air belongs exclusively to no one, so that it may serve every one.

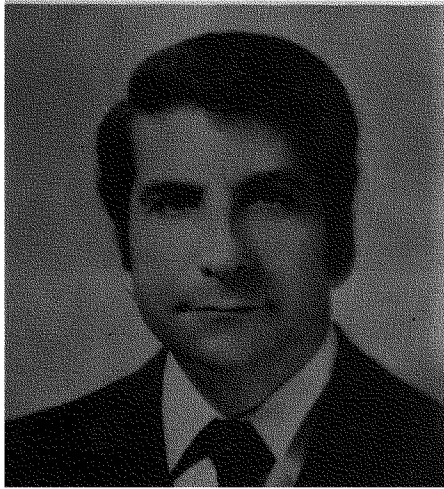
Why can't the University be that essential oxygen, so necessary to learning how to live a practical life and yet so necessarily above all daily turbulence, that it may be available to all? The University cannot be pulled and torn apart by political and personal factions and remain effective as a sustaining force for all those who would prepare themselves for the future.

If we could build AUB's future in this way, could this not mean for us a restoration of standards, a new dedication to learning, new energy in teaching, new meaning in campus activities, a new and vastly more meaningful blueprint for all students, deeper satisfaction in our relations with each other? Could this not be a new recognition of the rights of *all* sincere groups within the University, a new realization of the privilege of living and working with others? Could it not mean even a new sense of purpose for the practical political world in which we all must live?

So, we open another year today. It can be the start of a new time of increased service by the University to the people of this area. I say this confidently, for I have heard many of the Faculty willingly pledge themselves to this purpose. I know that our students would respond. And I am sure our friends outside will support us.

I have said this concept is « idealistic », but it may well be the most practical, perhaps, even, the *only* way to carry AUB into its future. This will take courage. I do not mean a blind, unthinking courage, but one that grows out of a strong belief that what we have at AUB is good, that AUB's existence is valid, that AUB could be better, that we can make it a better institution and that we will. It will take courage to do this because it means an *individual dedication* to this purpose by everyone who belongs to the University community.

Dr. Nasser Lectures in Canada



Dr. M.G. Nasser

Dr. Michel G. Nasser from the School of Medicine has left for Laval University in Quebec, Canada where he is invited as a Visiting Professor to lecture on the subject of ischemic heart disease and its metabolic de-arrangements.

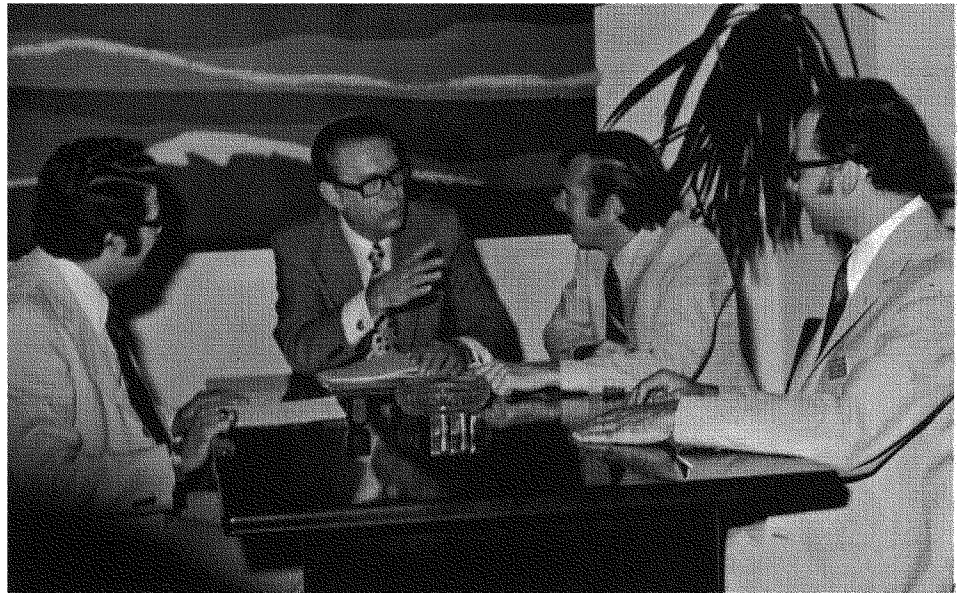
Geology Scholarship

The Ghassan Daher Scholarship was recently established at AUB to assist needy students in the Department of Geology. The Department is currently trying to strengthen its scholarship program. Mr. Ghassan Daher, BS '70 and MS '73 established the LL 1,000 scholarship before departing for Dhahran where he has recently taken a position with ARAMCO.

Mr. Daher's scholarship gift to AUB will be tripled in value as it is matched by an anonymous donor and both his gift and the anonymous matching sum are in turn matched by a special grant from the Rockefeller Foundation. The total value of Mr. Daher's gift is LL 4,000.

Professor Ziad Beydoun, Chairman of the Department of Geology said that there is a continuing need for scholarships to assist students in the department. He invited alumni and friends of AUB to provide financial aid to promising students who are experiencing difficulty in completing their education at AUB.

AUH Undergoes Periodic Accreditation Survey



L. to r. Mr. M. Kuzayli, Assistant Hospital Director, Dr. Otto Arundel, Mr. D. Egee, Hospital Director, and Mr. S. Rayyis, Assistant Hospital Director.

The quality care which the American University Hospital in Beirut supplies to patients was last month the subject of a 2-day survey by the Joint Commission on the Accreditation of Hospitals in the US of which AUH has been an accredited member for the past eight years. Only three private American owned and operated hospitals located outside the US are so accredited. The second is in Paris, and the third is Aramco's hospital in Dhahran, Saudi Arabia.

The survey was conducted by Dr. Otto Arundel, full time program director for the above commission which is a private corporation of organized medicine and hospitals in the US and which consists of the following corporate members: The American Medical Association, the American Hospital Association, the American College of Physicians, and the American College of Surgeons.

In an interview Dr. Arundel explained that these four private organizations of doctors and hospitals have jointly appointed 20 representatives who form what is known as the board of commissioners of the Joint Commission which exists for three basic purposes:

- i. To establish standards whereby hospitals may be measured with regard to the delivering of quality patient care in a safe and clean environment. To establish, as well, that a hospital has all the necessary

qualified personnel to make the delivery of quality care possible, and that its medical staff consists only of doctors who are of the highest caliber, capable of rendering the best possible care.

- ii. To survey hospitals every two years so as to verify that the Joint Commission's standards are being implemented and that quality care is being indeed rendered.
- iii. Finally, the Joint Commission depends on survey reports in making a decision of accreditation, or non-accreditation. Accreditation may be awarded for a maximum period of two years, when a fresh survey will have to be made and reported.

Dr. Arundel pointed out that the decision to apply for accreditation by the Joint Commission is a voluntary decision which must be taken by the hospital itself. Of 8,000 hospitals in the US eligible to be surveyed, 5,700 are already accredited by the above Joint Commission which was formed in 1952.

In concluding, Dr. Arundel said AUB should be extremely proud of its New Medical Center, and highly commended for the medical care it is providing.

Born in Denmark, Dr. Arundel went to the US where he graduated from Loma Linda University in California. He is certified by the American Board of Internal Medicine, and is Fellow of the American College of Physicians.

Chapel Services Resumed

Weekly Chapel services for members and friends of the AUB community were resumed on Sunday, October 7. A coffee and conversation hour followed the thirty minute service in the Faculty Lounge. Chapel worship is ecumenical in nature and is designed for the university community. Child care is available upon request.

President and Mrs. S.B. Kirkwood invited the Chapel community to a reception at Marquand House following the opening service.

79th Field Day

The 79th Annual Field day is now scheduled to take place on Saturday, November 10, 1973. The field day was to be held last May but had to be postponed because of the unfortunate events at the time. Twenty-five cups, donated by distinguished members of the community and several organizations will be awarded to winners.

In making the announcement, Mr. A. Tarabulsi, Director of Athletics said that new records are expected to be set for women's events, discus and high jump. The discus record was set by Dr. George Shamaas back in 1936.

Invitation tickets can be obtained from the Athletics Office as of October 20. First come first served. AUB students and staff can attend upon the presentation of their I. D. cards.

Conference Studies M.E. Electric Power

(cont'd from p. 1)

concluding, Dean Ghosn pointed out that the engineering progress achieved by mankind during the past one hundred years is equal to what was achieved during the previous 19 centuries, if not more.

The inaugural address was delivered by Professor H. Prinz, the Director HV Institute, Technical University, Munich, who spoke of «The Services of Electricity Over the Ages».

The conference debated more than 30 papers on various important subjects connected with electric power, among them the subject of electricity supply in Lebanon.

AUH X-Ray Program



A graduation ceremony for ten X-ray students, among them two Lebanese Army sergeants, Mahmoud Tleiss and Sirop Tchorbajian, was held last month at the American University Hospital in Beirut. This annual event was attended by Vice President G. Hakim, Major Marcel Prince, M.D., who is head of Surgery at the Military Hospital, Dean R. Najemy, and parents of graduates.

In an opening speech Mr. David Egee, Hospital Director, introduced the X-ray program which began in 1961 with so far 80 graduates. He point-

ed out that AUH is proud of this program.

Dr. Rafic Melhem, Chairman of the Department of Radiology, said in a welcome speech that X-ray graduates fill a large gap in this region and are much needed in this part of the world.

The Director of Information at AUB, Mr. Radwan Mawlawi, addressed the young men and women graduates and their parents and explained that X-ray, which was invented in 1895, was three years later, in 1898, used at AUH, the first medical center in the Middle East to use radiology.

Mrs. Adma Shehadi Dies

Word has been received of the death of Mrs. Adma Shehadi at the age of 87 in Princeton, New Jersey. Mrs. Shehadi, mother of AUB Trustee Dr. William Shehadi, maintained an active interest in AUB over a period of 50 years.

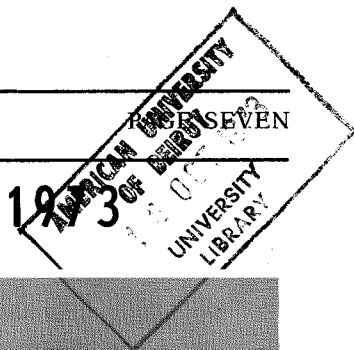
Mrs. Shehadi was born in Zahleh, and married to Mr. Shehadi A. Shehadi who was instrumental in founding the AUB Alumni Association, and was for a time editor of University publications. She assisted her husband in Red Cross and Near East Relief work during World War I.

Mrs. Shehadi took a leading role in women's educational activities in Lebanon, was president of the Women's Auxiliary, and actively supported the work of the American University

Hospital and School of Nursing, the Red Cross and other civic organizations.

Mrs. Shehadi is survived by her children, Dr. William Shehadi, of Byram, Conn., Mrs. Helen Shehadi de Aboumrad and Mrs. Ramiz Shehadi, both of Mexico City, Dr. Fadlou Shehadi, of Princeton, and twelve grandchildren. She is also survived by her sister, Mrs. Sophie S. Sahadi, of Brooklyn, and two brothers in Lebanon, Mr. Abdallah and Dr. Ibrahim Shehadi.

Memorial services were held at the First Presbyterian Church in Princeton on September 4th. The family has requested that memorial contributions be made to the Adma Shehadi Memorial Scholarship for a woman student at AUB.



Special Programs Organized For MEA Personnel

Middle East Airline personnel have been attending special programs organized for them by the AUB Division of Extension and Special Programs. At the request of MEA the Division of Extension and Special Programs has been offering a series of courses beginning in March 1972 for secretarial and other office personnel and more recently for key managers and supervisors.

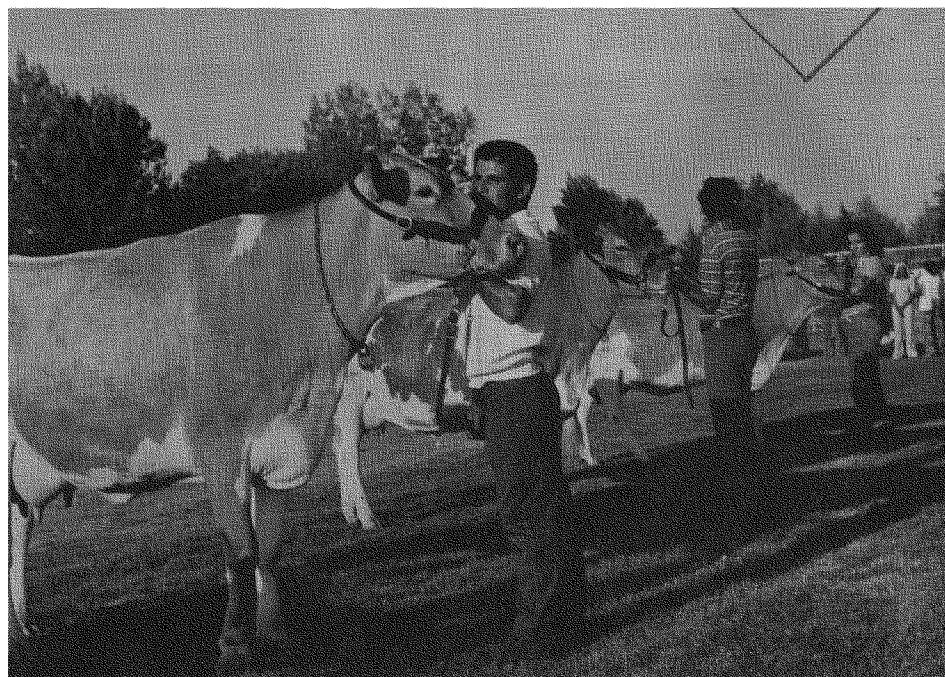
The Management programs are organized into five subject areas: Human Relations, Accounting and Financial Analysis, Marketing and Sales Management, Decision Making: Concepts of Tools, Computers and Data Processing Systems. Each of these is treated in a series of five session seminars attended by fifteen managers. The Human Relations Seminar was inaugurated with an intensive two-day weekend at the Alumni Club last June. Professor Nabeel Shaath, the overall coordinator of the programs in management development was directly responsible for the Human Relations Seminar.

Other practical courses organized especially for MEA personnel by the Division of Extension and Special Programs, include Functional English, English for Business Correspondence, Office Management, Introduction to Business, Book-keeping, and Basic Concepts of Computers.

Instructors include AUB faculty members from the Department of Business Administration, the University Orientation Program and the Center for English Language Research and Teaching, as well as others from the business community at large.

Professor L.P. Cajoleas, Director of the Division of Extension and Special Programs, mentioned that since the beginning of this service to MEA some 200 employees of this firm have completed one or more of the above courses.

AUB Aggie Fair



The third annual AUB Aggie Fair was held late in August at the University's Agricultural Research and Education Center (AREC) in the Bekaa. Sponsored by AUB's Faculty of Agricultural Sciences, this annual event was attended by more than 400 spectators, among them the Minister of Hydroelectric Resources, Mr. Joseph Skaff, and the Jordanian Minister of Social Affairs and Labor, as well as President Samuel B. Kirkwood and Dean James Cowan.

The exhibits were planned and produced by Agriculture students in the junior year as the final portion of their farm project training. Each student had to carry on a project in livestock or crops for the past seven months. This year there were eight groups - four in livestock and four in crops - and the exhibits represented team efforts of the various groups. The students competed for first place trophies in the two divisions (livestock and crops). The poultry students won the overall championship for the third year in a row and were awarded the Swenson sweepstakes cup which was donated by former Dean Stanley P. Swenson who retired on July 1, 1973.

A tractor operation contest was also organized and the first prize went to

Ramzi Khashadurian. The contestants had to move a wide implement through a very difficult obstacle course which was to assimilate a narrow road and gates often demanded of tractor operators. The other part of the contest was to pull and park a four-wheel trailer.

Several product shows were also arranged and the first prizes went to Fadi Karam (vegetables), Afram Milki (sweet corn), Hanna Abi Assi (stage corn), and Ara Kemkimian (potato).

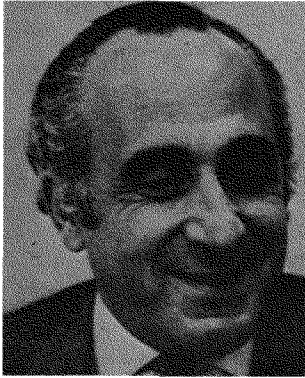
The prize for the dairy show was won by Milhim Sawaya, and that for sheep by Mohammad Rassoul Faqheri, while the poultry prize went to Habibullah Mawlanazada.

A special award was also presented to Mr. Joseph Khashadurian for his contribution to the staging of the Fair.

After the events, around 400 people enjoyed a dinner of barbecued chicken, sweetcorn and vegetable salad, all produced on the University farm.

Professor Harry Henderson, who supervised this year's fair praised the efforts of the students who made the necessary preparations despite the short time available.

Provost S.K. Thabet Assumes Duties of Dean of Faculty of Arts and Sciences



President Samuel B. Kirkwood announced last week that he has asked Provost Samir K. Thabet to assume the duties of Dean of the Faculty of Arts and Sciences pending the appointment of a new Dean. Provost Thabet will, at the same time, continue his duties as Provost.

President Kirkwood has pointed out that search is being conducted for the appointment of a new Dean by the Board of Trustees in accordance with the bylaws of the Faculty of Arts and Sciences and the University Constitution. President Kirkwood had met with the Advisory Committee of the Faculty of Arts and Sciences to discuss these matters.

Professor E.T. Prothro who has resigned as Dean of the Faculty of Arts and Sciences is appointed Director of the AUB Center for Behavioral Research effective October 1st, 1973.

New AUB Trustees Elected

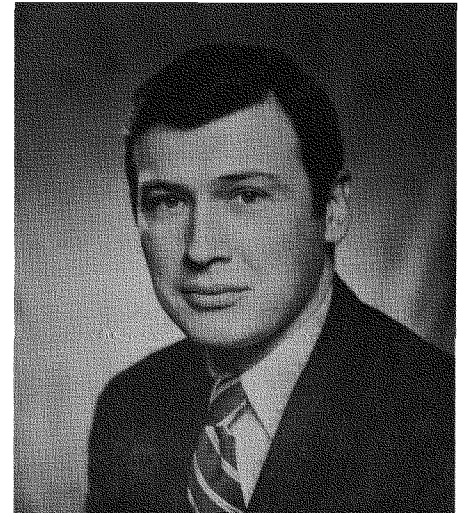


Mr. Abdulla Youssef Al-Ghanem

Mr. Howard W. Page, Chairman of the Board of Trustees of the American University of Beirut, has announced in New York the election of two new trustees of the University, H.E. the Minister of Electricity and Water for Kuwait Mr. Abdulla Youssef Al-Ghanem, and Mr. Alfred C. DeCrane, Jr., a Vice President for TEXACO, Inc.

Mr. Abdulla Youssef Al-Ghanem, a prominent Kuwaiti businessman, is a graduate of the International College here in Beirut. He attended the American University of Beirut prior to completing his education in Scotland.

He is a member of the Kuwait Cham-



Mr. Alfred C. DeCrane

ber of Commerce and the Kuwait Development Fund in addition to being a member of a number of boards and committees of various firms.

Mr. Alfred C. DeCrane, Jr. joined TEXACO in 1959 as an attorney. He occupied several senior positions in TEXACO before he was elected Vice President in charge of the Producing Department-Eastern Hemisphere.

Mr. DeCrane is member of the Board of Directors of the Arabian American Oil Company, the Bahrain Petroleum Company, Ltd., the American Overseas Petroleum, Ltd., TEXACO Canada, Ltd., and the Near East Foundation.

AUB BULLETIN

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.

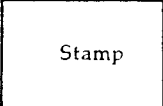
Director of Information and Responsible editor:

Redwan Mawlawi.

Editor: George Salhab.



Address To :



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AUB BULLETIN



VOLUME XVII No. 2

THURSDAY, NOVEMBER 1, 1973

President of Republic of Ireland Visits AUB Exhibit in Cork



His Excellency President Erskin Childers on a visit to the Synge exhibit receiving from Professor Bushrui a gift of books on Irish literature published in Lebanon.

Professor Suheil B. Bushrui, Chairman of the AUB Department of English has returned from Ireland where he lectured last August at the exclusive Sligo International Summer School and participated in the Conference of the International Association for the Study of Anglo-Irish Literature. Professor Bushrui was one of ten experts in Anglo-Irish literature who delivered lectures and conducted panels on the famous Irish poet W.B. Yeats. Of two hundred participants representing seventeen countries, Professor Bushrui was the only Arab.

Professor Bushrui spoke as well of a variety of literary topics in several radio interviews, and the exhibition of pictures illustrating the life of the Irish poet John Millington Synge was described by papers as Professor Bushrui's prodigious contribution to the Conference of the International Association for the Study of Anglo-Irish Literature. The President of the Republic of Ireland and Mrs. Erskin Childers were among the many visitors who admired the exhibition.

President Childers, who attended part of the conference publicly thank-

ed Professor Bushrui and AUB, saying: « You have done for Ireland more than any outsider has done. The Irish nation should see this fine display ». At the suggestion of President Childers, the exhibition is to be patronized by the Irish Council of Tourism. Furthermore, the Synge family has decided to publish soon the exhibition's illustrated documents.

Professor Bushrui's comprehensive report « Anglo-Irish Literature in Lebanon and the Arab world » was appreciatively received by both the Conference and the press and was adopted as a model for future Conference reports.

Professor Bushrui was named member of the executive council of the congress, and all Asia representative. Invited to participate, with six Irish poets, in an evening devoted to poetry, he spoke of Lebanon, Gibran and the Cedars.

Professor Bushrui's contributions have led the International Association for the Study of Anglo-Irish Literature to recommend that a special congress be held in Beirut, in 1977.

AUB Committed to Serve Arab People

President Samuel B. Kirkwood released last month the following statement :

In the present critical times, the American University of Beirut reaffirms its commitment to serve the Arab people. Throughout its long history as an educational institution, AUB has provided an opportunity for higher education to thousands of students from the Arab World. Its graduates have become leaders in all fields, serving their countries with distinction.

In the present situation, AUB intends to continue within its responsibilities to follow its traditional course, offering higher education and professional training to those who would prepare themselves to take part in the development of their homelands. This is the University's major contribution to the present and to the future.

As an institution of Beirut, Lebanon and the Arab World the AUB has always offered the services of its staff and its facilities to meet the needs of its community, particularly in times of crisis. At the beginning of the present conflict, the University placed its facilities at the disposal of the Lebanese Government. The Hospital was put on an emergency basis with priority given to battle casualties. Teams of AUB surgeons, physicians and medical students are already serving in Syrian hospitals. Further projects are being set up in each Faculty with students, faculty and staff participating. AUB's students have been active throughout these past days in operating a blood donation center and in collecting funds for relief aid. Women of the University community are making surgical dressings and have collected blankets and clothes for those made homeless. The University is coordinating its academic program with these activities.

(cont'd on p. 3)

Courses For Personnel

The Director of Personnel announced recently that AUB personnel could take courses offered by the Division of Extension and Special Programs, provided places were available. Personnel taking such courses are allowed a discount of 20% on the regular fees. Candidates for the Certificate Programs were required to pass the English Entrance Examination.

Music Courses

The Department of Fine and Performing Arts is offering nine music courses during the first semester 1973-74. These courses are designed to foster appreciation of music and give students a background in the fundamental elements of music. They provide a study of music in the evaluation of mankind from pre-historic times to Mozart and attempt to establish that man's music is evolving into a unified global dimension. They also study a major well-known composer, and offer a presentation of the piano as a solo instrument and of the combinations possible with other instruments. The courses further suit the needs of student performers who wish to participate in a musical organization of their choice, and develop the choral technique and playing skills of students who wish to sing in a vocal organization or play in an instrumental organization. Courses in the past were geared to the needs of «music majors», but now the emphasis has been changed by making all courses into «electives» available to the student body.

Changes in Family Status

The Director of Personnel, Mr. Farid A. Fuleihan has reminded faculty and non-academic personnel that any change in family status such as marriage, birth of a child, adoption of a child, etc., must be reported to the Personnel Office and to the Benefits Coordinator immediately after the change takes place.

In the case of Faculty members it is important that such change is also reported to the Dean of the Faculty.

Volunteers To Read for Blind Students

There are six blind students in need of readers. Interested persons please contact Mrs. W. Ward, Telephone 346,249.

Practical Nurse Training Program



Thirty practical nurses, 17 men and 13 women, graduated late in September after completing the special 12 month Practical Nurse Training Program at the Medical Center of the American University of Beirut. The graduation ceremony was attended by President Samuel B. Kirkwood, Vice President George Hakim and Dean Craig S. Lichtenwalner. Both Miss Sheila Hammond, Director of Nursing Service and Mrs. M. Abboud, Coordinator of the Practical Nurse Training Program, wished graduates all success and spoke of the program's advantages and opportunities.

The program was established in October 1966 and one year later yielded its first group of eight women graduates. The practical nurse is an important member of a medical team. Both through classes and practical work, practical nurses are carefully trained and learn the skills and attitudes needed to care for patients.

The 128 practical nurses who are already in service at the American University Hospital, are reported to have given ample satisfaction.

The program's admission requirements are tolerably easy. Any Lebanese citizen, man or woman, who is at least 18 years old and holds the Brevet certificate or its equivalent, and who has a good knowledge of written and spoken English can apply to join this program which provides a good opportunity for those who cannot go to college. Students who join this program pay no tuition fees or other charges and are provided with uniforms and pocket money. They must, however, live at home and furnish their own transportation. Graduates can go into AUH service at a basic salary of L.L. 300. Furthermore, good students of this program are selected after graduation to go into one more semester of pharmacology and clinical experience which will enable them to prepare and give medication.

Dr. N. A. Frigerio Lectures on de Chardin

The University Christian Center has announced that Dr. Norman A. Frigerio will lead a series of four discussions on the topic of Père Pierre Teilhard de Chardin — Science and Religion. The four sessions will be Monday evenings, November 5, 12, 19 and 26 at 7:30 p.m. at the University Christian Center. Dr. Frigerio is a Greek Catholic

priest and a professor of biology at AUB with special training in cancer pathology. Those interested in attending may wish to have some exposure to de Chardin prior to the first meeting. A good place to begin is with his *The Phenomena of Man*, available in paperback by Fontana Books.

In Recognition of HIGHEST ATTAINMENT OF SCHOLARSHIP

The names of the following students were inscribed on the Dean's Honor List of the School of Pharmacy during the academic year 1972-1973.

Class of 1973 Grade Average

Mr. Sarkis Aghazarian	86.43
Mr. Nabil Nadir	85.57
Miss Wadiah Ramadan	85.05
Mr. John Shiatis	84.97

Class of 1974

Miss Margaret Poochikian	90.26
Miss Styliani Hadjioannou	89.25
Miss Hind Sa'di	85.44
Miss Jacqueline Dagher	85.31
Miss Anahid Elmajian	83.81

Class of 1975

Mr. Suleiman Bahuth	87.68
Mr. Garo Karilian- Konyalian	86.59
Miss Dalida Keababjian	85.00
Mr. Vayel Palancian	80.78
Miss Mary Movsessian	80.35

Class of 1976

Miss Rima Bawarshi	90.76
Miss Lama Abbusi	85.90
Miss Mona Bitar	84.91
Miss Afifah Sunawbar	84.70
Miss Caroly Habra	84.42
Miss Sawsan Kayyali	83.68

AUB Committed to Serve Arab People

(cont'd from p. 1)

Groups of faculty and staff, students and alumni have expressed their concern to the US Government. Others in the United States have done so as well.

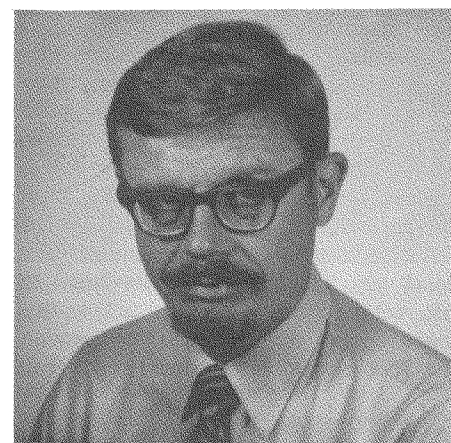
In the great tradition of universities, AUB stands as an independent institution. The University is deeply concerned for its sons and daughters, especially those directly involved in the present conflict, and for the welfare of their families and their communities and countries. AUB is firm in its support of the principles of justice and reason as the only foundation for any enduring relationship among nations and for any lasting solution to the problems of the Middle East. AUB is firm in its support of the Arab people it serves as they seek restoration of their rights and the achievement of a peace based upon dignity and justice.

Three Visiting Professors Join the Faculty of Agricultural Sciences

Dr. Alfred Shaw, Visiting Professor of Food Technology and Nutrition obtained his BS and MS (1932) in Dairy Science from the University of Idaho, and his Ph.D. (1935) in Dairy Science from Pennsylvania State University. Professor Shaw's research interest is in milk and dairy products, production, processing and marketing. He has more than 75 scientific publica-

tions. Professor Shaw has occupied several positions at Washington State University, University of Idaho, Kansas State University, North Carolina State University, and the University of Maine.

Professor Shaw is married to Thirza Altheater Ottley. They have two daughters.



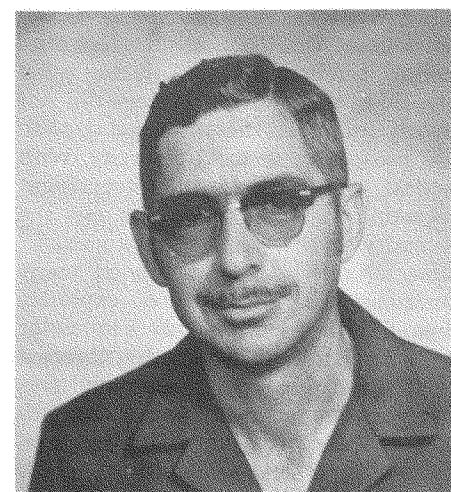
Prof. J. Hyslop

Dr. John Hyslop is Visiting Associate Professor of Agricultural Economics in the Faculty of Agricultural Sciences for 1973-74. He is on a year's leave from the Economic Research Service, US Department of Agriculture.

Professor Hyslop has a BA degree from Macalester College, St. Paul and MS and Ph. D. degrees from the University of Minnesota. Upon completion of his Ph. D. degree in 1967 he became a member of the staff of the University of Minnesota Agricultural Economics group in Tunisia for two years under a USAID contract. After his return from Tunisia he was assistant professor of agricultural economics at Minnesota through 1970. As a member of the International Development Center of the Economic Research Service which he joined in January

1971, he has served as a development consultant in Nigeria and on training missions in Guyana and Jordan.

Professor Hyslop was born in Minnesota. His wife, Grace, is a native of Beirut and a graduate of BCW. They have three children.



Prof. G. E. Thierstein

Dr. Gerald E. Thierstein, Visiting Associate Professor of Agricultural Mechanization grew up on a farm in Kansas, and obtained his BS and MS in Agricultural Engineering from Kansas University. He has had industrial experience with International Harvester Co. and Caterpillar Tractor Co. in the US. Professor Thierstein has worked in Paraguay, S. Vietnam, Kenya, Canada and the West Indies. He comes to AUB from Uganda where he was Senior Lecturer in the Department of Agricultural Engineering at Makerere University, Kampala.

Professor Thierstein was a member of the East African Specialist Committee on Agricultural Engineering and presented papers at several agricultural engineering conferences in East Africa. He has also published papers in the ASAE Transactions, and

is a member of the American Society of Agricultural Engineers, Canadian Society of Agricultural Engineering, American Society of Engineering Education, and International Solar Energy Society.

Phenomenal Efforts to Reduce Costs

In a recent (July 2) study headed «Behavior of AUB Costs — A Brief Look At The 1970's», Mr. Edwin L. Crocker, Director of Management Information Systems said it was in the summer of 1971 that AUB perceived the seriousness of the financial situation which US institutions were experiencing.

The University, Mr. Crocker points out, has always been cognizant of the necessity of continuing US Government support in increasing amounts to sustain its existing programs, but external factors — most notably the international loss of confidence in the dollar — created an adverse condition that after the start of the 1971-72 fiscal year required a \$ 775,000 budgetary adjustment. The fiscal year 1972 budget was brought into relative balance by across-the-board cuts, maintenance deferment, and increasing certain fees and rates.

Mr. Crocker quotes Professor Nadim Khalaf's study. «The Economics of AUB» which provides a detailed examination of increases in costs during the 1960s. Professor Khalaf's findings indicate that cost trends at AUB rose at a rate roughly comparable to private higher education expenditures in the United States.

Following the 1967 Middle East crisis, AUB has been exposed to a continuous flow of adverse environmental conditions. But during the late 1960s, these circumstances did not greatly influence the sustained growth and prosperity of the University. With modest increases in US Government operating support, there was not the necessity to heed the outward signs of financial difficulty that a good many American institutions were experiencing. Perhaps the only indicator from the previous decade that forecast the current fiscal stringencies was that the (compound) annual growth rate of educational and general revenues (8.7 per cent) was less than the (compound) expenditures' growth rate (9.5 per cent).

Mr. Crocker goes on to say that with roughly one-third of the decade complete and considering AUB's budget projections through 1975-76, a fiscal trend for the 1970s can be perceived. This is of course governed to

a certain degree by the amount of resources that the University can realistically obtain.

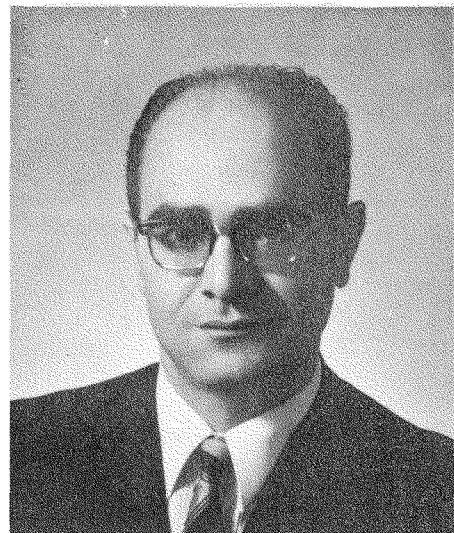
He remarks that it is evident that AUB's effort to reduce costs has been phenomenal, adding that it is clear that AUB's current fragile financial stability is primarily the result of internal efforts. Credit, he says, is essentially due to the Program Study Committee's work, but without the co-operation of all elements of the University the expenditure growth rate retardation could not have been accomplished.

Mr. Crocker points out that evident now are external factors — most notable are dollar devaluation and inflation — that can upset AUB's short-range plans. The American consumer price index for May 1973 rose at a sharp 7.2 per cent annual rate. Even if AUB can maintain a growth rate of roughly 2.5 per cent above the rate of inflation, without periodic increases in US Government support, there are not sufficient resources to adequately fund all of the institution's current programs.

In concluding, Mr. Crocker says considering optimistically the resources that AUB can realistically project for the remainder of this decade, total educational and general expenditures' (compound) annual growth rate, for the period 1976-1980, should not exceed 8 per cent. At this level the total 1979-1980 expenditures budget would be roughly \$ 30 million and the University would require fiscal year 1980 US Government support in the magnitude of \$ 9 million. Increase in full-time equivalent students will have to be held to a 2 percent (compound) annual rate of increase, and enrollment increase should be restricted to programs that would not require significant increases in resource consumption.

Mr. Crocker remarks that in all likelihood, the above parameters will have to be accompanied by a combination of policies that will provide for selective cutbacks, consolidation and readaption of existing programs, and what Harvard University has classified as «every tub on its own bottom» or that every program is expected to develop its own resources.

Prof. Z. Mikdashi Lectures in the US, Japan and Geneva



Professor Zuhayr Mikdashi responded last summer to invitations from the Center For Education in International Management in Geneva, Yale University Economic Growth Center, Farleigh Dickinson University Graduate Institute of International Studies, the United Nations Energy Section, and the Petroleum Association of Japan. Professor Mikdashi lectured on the energy crisis, and on the role of the multinational corporation in the world economy. Three of his articles are due to appear in the winter issues of *International Organization*, *Journal of World Trade Law*, and the *Vanderbilt Journal of Transnational Law*. One research paper on the petroleum refining industry in developing countries will be published by the United Nations Secretariat and another paper on the petrochemical industry in the Middle East will be published by the *Chemical Economy and Engineering Review* in Tokyo.

Resumption of Classes

Classes at AUB were resumed on Wednesday, October 17 following a 9-day suspension at the start of hostilities. In making the announcement, President S. B. Kirkwood said the decision to resume classes was taken following intensive discussions by student and faculty groups and meetings with the University Senate.

First Aid Drill on Green Field



A good number of AUB students have been attracted by the civil defense training courses which the AUB Student Council organized last month in cooperation with the Civil Defense Department of the Ministry of Defense.

Students who joined these courses were trained on fire control and on how to put out and contain fires. They were also trained on how to carry the wounded with the help of stretchers and ropes, and how to rescue the injured from under debris.

The program also included first aid training in the treatment of burns, broken bones, electric and battle shocks, and artificial respiration.

A first aid drill was conducted late last month on the AUB Green Field in the presence of Mrs. S.B. Kirkwood, and of the Dean of Students and Dean of Women, together with a large number of professors.

Second Edition of Troilus and Criseyde

Professor Daniel Cook of the Department of English has received word that his annotated edition of Chaucer's *Troilus and Criseyde*, which was originally published by Doubleday & Company, is to be brought out in hard cover by the U.S. publishers Peter Smith.

Women's League Organizes Aid for War Victims



Several members of the Women's League busy at work with Mrs. S.B. Kirkwood and Mrs. M. Saad, third from left.

The Women's League has been organizing aid programs at Marquand House on the AUB campus to help the present war casualties. It was in Marquand House that the League held its very first meeting in 1919 when it was founded by wives of professors to assist people in Lebanon in the wake of World War I.

At the invitation of Mrs. Samuel B. Kirkwood, Honorary President of the Women's League, tens of League members of different nationalities have met to roll bandages, make compresses

and collect foodstuffs.

Mrs. Michael Saad, President of the Women's League, explained that 200 yards of gauze were donated by Arida Textile Factory in Tripoli and foodstuffs were collected from Cortas Factory in Beirut. Mrs. Saad mentioned that contacts with other factories for more supplies are being made. She said that the League will give its utmost and that all foodstuffs, bandages and other supplies are handed over to the Lebanese Red Cross for distribution to war victims.

Fifteen Trunk Hunting Lines

The long-standing complaint about the AUB telephone number ringing but no operator answering can perhaps be best explained by the following passages in a statement which Mr. Aziz K. Nahhas, Director of Physical Plant made late last June:

The AUB telephone number 340740 is composed of a consecutive series of fifteen lines 340740 through 340754 inclusive. These fifteen lines are trunk hunting, which means that if number 340740 is dialed the city exchange equipment will search in the series and connect to the first free line, and will give the busy signal only if all the lines are in use. Otherwise explained if the ten first lines of the series are in use when 340740 is dialed the trunk hunting equipment will by-

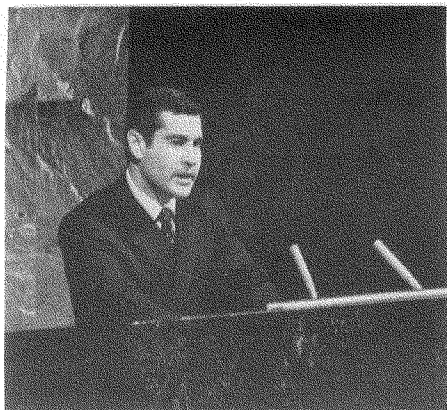
pass the busy lines and connect the caller to 340749. But if the 15 lines are in use the trunk hunting equipment will give the busy tone.

Due to a faulty piece of equipment in the city exchange the trunk hunting equipment was by-passing even the last number 340754 and connecting callers to 340755, 756, 757, 758 or 759 which although reserved for AUB are not AUB lines and are not connected to the AUB exchange.

Consequently, all callers during the busy hours when the 15 AUB lines are in use were being connected to non-existent numbers which would obviously ring and ring without answer. As soon as it was discovered, this fault was corrected by PT & T.

AUB In The Press

Outstanding Diplomat



Mr. Y. Mahmassani

Papers reproduced last month a Reuter dispatch from the UN announcing the election, by acclamation, of Mr. Yehya Mahmassani as Chairman of the UN General Assembly Social Committee. Mr. Mahmassani, who is a graduate of AUB (BA '58, MA '61) is Lebanon's deputy representative to the UN. The dispatch referred to Mr. Mahmassani as one of the outstanding Arab diplomats of the younger generation.

AUB Group and Saudi Specialists Study Pollution

In a report from Riyadh, *Al-Muharrir* said in August that a 7-man AUB group was to visit Jeddah together with a number of specialists in Saudi Arabia to collect specimens from the Red Sea for a study on pollution. *Al-Muharrir* added that a group of Riyadh University professors and students were to join the AUB group.

Alumnus Heads Cancer Hospital

The Pueblo, Col., *Chieftain*, and the Colorado Springs, Col., *Sun* have reported the appointment of Dr. Chahin M. Chahbazian as medical director of Penrose Cancer Hospital. Dr. Chahbazian, the papers say, is a graduate of the AUB School of Medicine.

Dr. Chahbazian is certified by the American Board of Radiology and is a member of the American Society of Therapeutic Radiologists, the American College of Radiology, the American Radium Society, and national, state, and regional radiological societies.

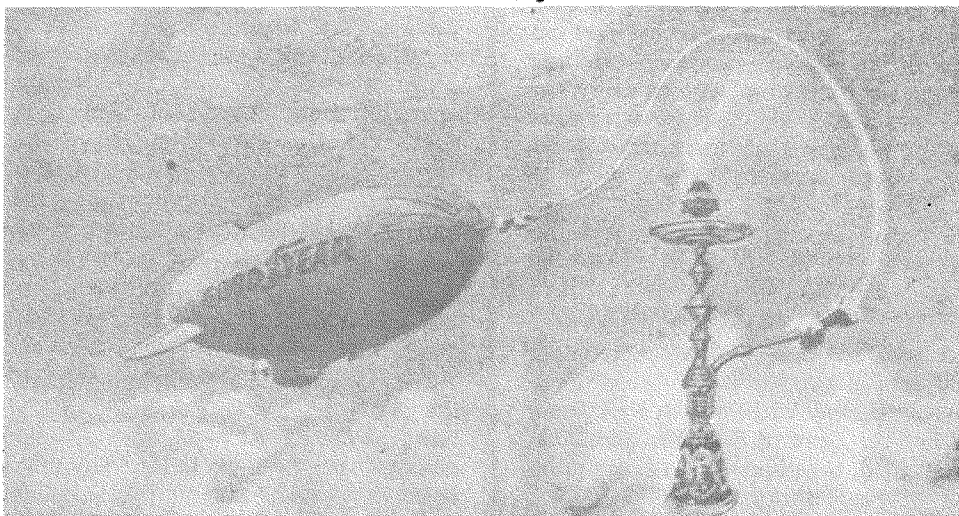
President of Alumni Association Gives Dinner in Honor of Prime Minister



The dinner which the President of the AUB Alumni Association, Mr. Fawzi Maalouf, gave in September in honor of Prime Minister Takieddine Solh,

was covered by the press which mentioned that 300 persons were invited.

Water Colors By Mr. Frick



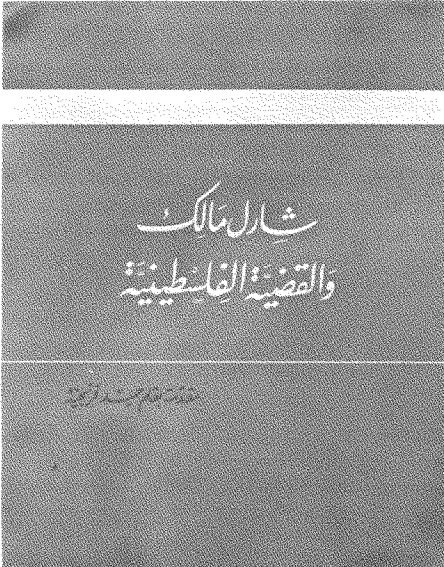
The World of Art page of *The Milwaukee Journal* recently contained a report on an exhibition of paintings which Mr. Arthur Frick held last August and September in Milwaukee, his home town. Mr. Frick, the paper says, has taught at AUB since 1957. At this exhibition he showed about two dozen water colors and a single oil, «Above Parnassus».

His water colors included two major series; one dealt with Lake Michigan and the other with Jabal Sannin.

The paper describes Mr. Frick as an experienced watercolorist whose mastery reveals the supposedly drab Lake Michigan shoreline, and imparts to the snow and waves visual rhythms that sometimes resemble Arabic Calligraphy.

Speaking of «Above Parnassus» the paper says contrasting symbols and Near Eastern cultures — a Goodyear blimp and a nargileh — are linked in Mr. Frick's acrylic with oil glaze painting.

New Book By Dr. Charles Malik



« *Charles Malik and the Palestine Question* », the latest book, in Arabic, by Dr. Charles Malik, Distinguished Professor at the Department of Philosophy, has just been published by the A. Badran and Company Printing and Publishing firm.

The 200-page book contains two highly informative, analytical and far-sighted reports on the Palestine Question written in 1949 and 1950 by Dr. Malik when he was head of the Legation of Lebanon in Washington and Lebanon's permanent delegate to the United Nations.

In a foreword to this book, the Lebanese leader Mr. Hamid Franjiyeh, who was Lebanon's Minister for Foreign Affairs at the time, speaks of Dr. Malik's vast experience and international contacts, and of his authoritative knowledge in foreign affairs, particularly with regard to the Palestine Question.

Mr. Franjiyeh says the vision of the philosopher, the objectivity of the scholar and the experience of the diplomat are all in harmony in Dr. Malik's views. He concludes by saying Dr. Malik's studies on the Palestine Question are exemplary and describes them as candid, confident and bold.

Women's Association Deliver 150 Pillows To Red Cross



The campus of the American University of Beirut continues to show practical concern for the war victims. At the invitation of Mrs. Samuel B. Kirkwood, members of the AUB Women's Association met recently for two days in Marquand House where

they made 150 pillows which they handed over to the Lebanese Red Cross for distribution.

Mrs. Roger Chehire, President of the Women's Association has declared that all contributions by members are delivered to the Lebanese Red Cross.

Distinguished British Critic of Theater and Cinema Visits Beirut

Mr. Felix Barker, the drama and film critic of the London Evening News and author of « *The Oliviers* » arrived early last month in Beirut where he gave two lecture-discussions at the invitation of the AUB Department of Fine and Performing Arts and the British Council.

Mr. Barker's first lecture was entitled « *New Trends And The Critic's Role In The Cinema.* » In his second lecture he spoke of « *New Trends And The Critic's Role In The Theater.* »

Mr. Barker has seen and reviewed for the Evening News the London performance of the Prospect Theater of Pericles as played at the Baalbeck Festival last July. This formed the basis of discussion with students and



lovers of the theater and cinema, and especially with the critics who attended both sessions.

Series of Lectures on Middle East

The fourth and fifth lectures in the above series are scheduled for Wednesdays, November 7 and 21, at 8:00 p.m. in the Faculty Lounge of Ada Dodge Hall.

On November 7, Professor Nabeel

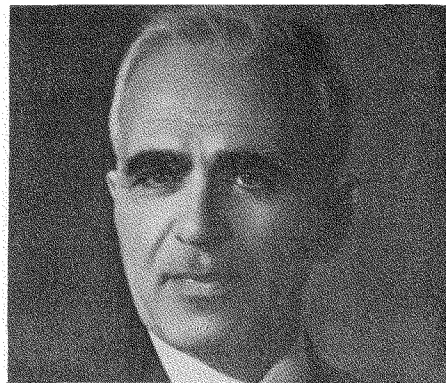
Shaath will be speaking of « *The International Rediscovery of the Palestine Question.* »

On November 14, Professor Nafhat Nasr speaks of « *The Political Scene in Lebanon.* »

Professors Zeine and Ziadeh Appointed Professors Emeriti at AUB



Prof. Nicola Ziadeh



Prof. Zeine Zeine

President S. B. Kirkwood has announced that the Board of Trustees of the University decided at their meeting in Beirut last July to appoint Professor Nicola Ziadeh and Professor Zeine Zeine professors emeriti in the Department of History of the AUB Faculty of Arts and Sciences.

Professors Zeine and Ziadeh have both spent long years in the service of education at AUB, teaching successive generations of graduates in Leba-

non and the Arab countries. Professor Zeine has taught History of the Near East for 44 years, and Professor Ziadeh's 25 years of service were spent in teaching Arab and Islamic History.

Professors Zeine and Ziadeh have written a large number of books, articles and papers in both Arabic and English which are known for their reference value. They have also participated in tens of scientific conferences and seminars in Lebanon and abroad.

Research Grant To Develop Thin Prestressed Concrete Sheets

Professor Sami A. Klink of the Department of Civil Engineering has been granted LL 4,300 by the Lebanese Order of Engineers and Architects to undertake research towards developing thin prestressed concrete sheets for use in the construction industry in the Middle East region and elsewhere. At present, the construction

industry uses asbestos-cement sheets in roofing, paneling, flooring and other building applications. Asbestos-cement sheets, however, present two disadvantages, namely brittleness and high cost, and it is believed that prestressed concrete thin sheets have a high degree of resiliency and will be produced at a competitive cost.

AUB Alumni Play Their Role

The Council of the AUB Alumni Association adopted at its meeting last July a statement concerning its role in the University.

In this statement, the Council said that any teaching institution is built on three pillars — faculty and administration, students, and alumni, and that as one of these pillars the Alumni Association fully intends to play its role.

The Council stated that the University as a successful educational institution has over a hundred years produced graduates who have led and served their communities in the Middle East.

The Council added that the University can best serve its mission as a private institution and that the Alumni Association sympathizes with the University's need to solve its financial crisis, especially as it is AUB's policy not to jeopardize the education of any enrolled student who is in financial difficulties.

The Council further stated that they respect the right of student participation in certain areas of University life provided such freedom is within the framework of responsibility and constructive dialogue.

Fortnightly Bulletin

Due to financial stringencies, the AUB Bulletin will be appearing fortnightly.

AUB BULLETIN

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.

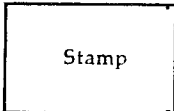
Director of Information and Responsible editor:

Redwan Mawlawi.

Editor: George Salhab.

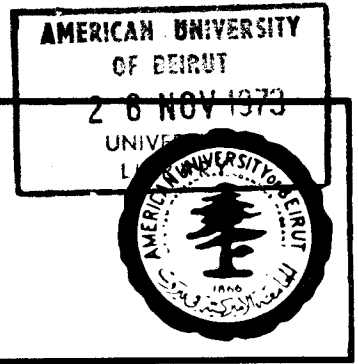


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AUB BULLETIN



VOLUME XVII, No. 3

THURSDAY, NOVEMBER 15, 1973

Phase III of New Medical Center



Basic Sciences Building. View from southwest, showing main entrance area at first floor level.

The steadily rising structures of Phase III of the AUB New Medical Center have been watched with a feeling of proud possessiveness by members of the community. The harmonious lines and neat sweep of walls have not failed to impress curious visitors who notice how easily the new buildings glide into place in the agreeable oneness of the 73-acre campus.

Of the underground structures, however, only the bright entrance gate to the Underground Parking which is connected to the campus by a tunnel passing under Clemenceau Street is visible to drivers and pedestrians along the busy thoroughfare opposite the Medical Gate.

The main buildings proper occupy a land area of more than 10,000 sq. meters, and more than 20,000 cubic meters of concrete and 1,700 tons of steel reinforcement are involved in the erection or modification of the various facilities.

An overall estimate shows that about 70% of work on this final phase is now completed. Meanwhile, 100,000 patients were last year provided with medical care at the Medical Research and Clinical Teaching, and the General Hospital buildings of the two already completed phases I and II.

In an interview, Mr. Matthew Campbell of Special Construction told the Bulletin that, upon completion of this final phase, the Center will comprise virtually all the interrelated units required for the functional self-sufficiency of a modern medical center of the highest standard in the Middle East. Phase III is thus the last and conclusive stage in the construction of the AUB New Medical Center which is financed by AID, the US government Agency for International Development, at a global cost of more than \$ 30 M.

The fundamental design of the Center was done by the New York

(Cont'd on p. 5)

Agricultural Training For Jordan

A new training agreement was recently signed at the AUB Faculty of Agricultural Sciences (FAS) by Dr. Said Ghazzawi, Director of Research and Extension at the Jordanian Ministry of Agriculture, and Dean James Cowan. This agreement, concluded during Dr. Ghazzawi's recent visit to AUB where he spent several days discussing training with Dean Cowan and faculty members, provides for in-service training in the various disciplines of agriculture for staff members of the Ministry of Agriculture in Jordan.

A previous agreement, concluded in 1970 with the National Planning Council of the Government of Jordan, provides for Jordanian personnel to come to AUB for practical training at the Faculty of Agricultural Sciences, and for FAS members to go to Jordan where they give short training courses.

The new training program covers agricultural extension in economic entomology, poultry production, soil and irrigation, and crop and vegetable production.

Similar agreements and contracts have been concluded by a number of Arab governments and institutions with AUB's faculties for the supply of technical and academic assistance and services.

High Cost of Living Costs AUB LL. 565.300 Annually

The University Comptroller, Mr. Donald J. Meyer, has announced to the Bulletin that the recent government decree approving a high cost of living of 5%, with a minimum of LL. 15.00 and a maximum of LL. 50.00 monthly for non-academic employees will cost the University LL. 565,300.00 annually.

The increase was retroactive to May 1, 1973, and was paid to non-academic employees in October.

University Chapel Services

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge of Dodge Hall.

The Chapel Colloquies scheduled for October, November, and December have been cancelled. This series of lectures on the theme «Theology Within the Context of the University» has been re-scheduled for the second semester.

Two Illustrated Lectures on Town Planning in England

THE BRITISH COUNCIL
and
THE AUB FACULTY OF
ENGINEERING AND
ARCHITECTURE

are sponsoring two Illustrated
Lectures
by
Mr. A. CLIFTON-TAYLOR

Former Lecturer
at the Courtauld Institute, London
University and author of 'The Pattern
of English Building'.

i — Monday 19 November 5.30 pm
TOWN PLANNING IN ENGLAND
PAST & PRESENT
at Engineering Hall, AUB.

ii — Tuesday 20 November 7 pm
ENGLAND'S HISTORIC TOWNS
at the British Council, Sidani St.,
Ras-Beirut

International Organ Series

First Concert of the International Organ Series will be given

by ALBERT de KLERK

on Tuesday, November 20, 1973, at
8:30 p.m. in Assembly Hall

(Proceeds — benefit of the N.E.S.T.
Development Fund)

Tickets at L.L. 25, 15, 10 and 5.

Available at West Hall Office and
Khayyat Library, Bliss Street.

Service Pins Awarded to Mrs. M. Katibeh and Miss I. Ibish



L. to r. Miss I. Ibish, Mrs. M. Katibeh and President Kirkwood

On the occasion of the retirement of Mrs. Minnie Katibeh, a reception was given in her honor late last month at Dean Najemy's house. Mrs. Katibeh was Supervisor of Maintenance and Repairs of women's dormitories for the past fifteen years.

President Samuel B. Kirkwood, Vice President George Hakim, Provost Samir K. Thabet were present at the reception together with the Registrar, Dr. Fuad Haddad, and the Director of Physical Plant, Mr. Aziz Nahhas, as well as the Dean of Women, Mrs. Hind Musa, and members of the Student Affairs Office and head residents of

dormitories.

President Kirkwood thanked Mrs. Katibeh for her years of service, and Mr. Nahhas awarded her a 15-year service pin and praised her services, as did Mrs. Musa who spoke on behalf of the Student Affairs Office. Mrs. Katibeh was also offered by the Student Affairs Office a silver tray which completed the silver tea set presented to her at a previous reception by the students of women's dormitories.

Miss Ihsan Ibish, head resident of Murex Hall was also presented with a 10-year service pin by the Dean of Women.

Women's Association Honor Newcomers

Mrs. Samuel B. Kirkwood and the Women's Association of AUB have sent invitations for the Association's opening tea on Friday, November 16 at 3.00 pm in the Faculty Lounge, Ada Dodge Hall.

This tea is held in honor of newcomers to AUB. The special program which had been planned for this occasion had to be cancelled due to the

recent circumstances.

Members of the community are looking forward to this pleasant occasion which will enable them to meet newcomers and sign up for the different interest groups.

The Women's Association have planned various activities for this year to enhance a happy and friendly spirit within the University Community.

Non - Academic Personnel

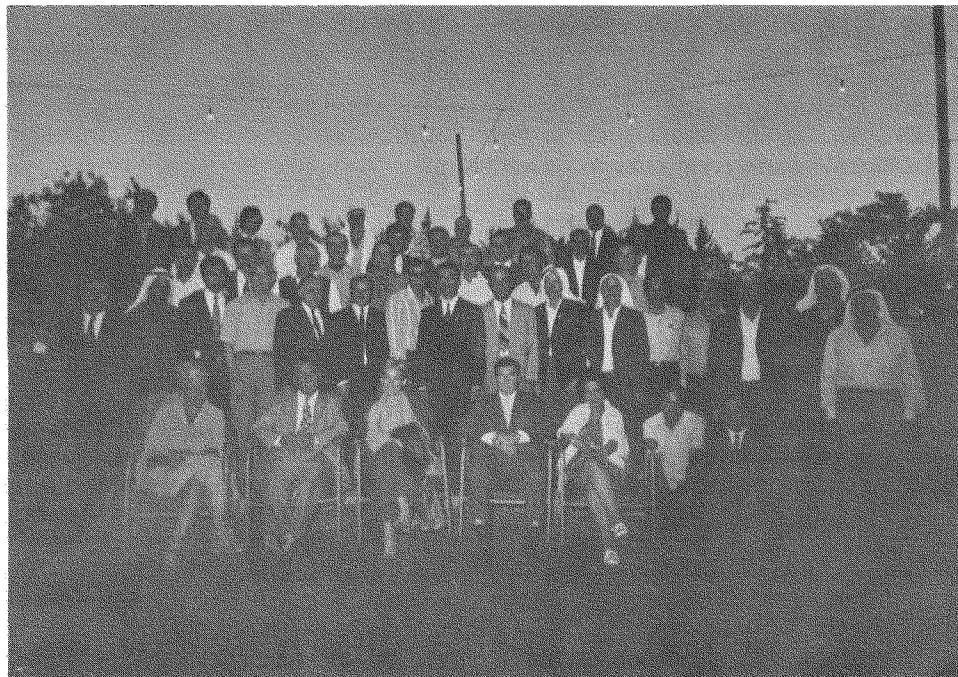
In a recent circular, the Director of Personnel states that in order to keep the files of non-academic personnel up-to-date, any action taken, whether favourable or unfavourable, concerning any individual employed by the University should be reported to the Personnel Office.

The circular states as well that supervisors should report in advance to the Personnel Office the names of people who intend to resign and the date of resignation. This should be done whenever the department knows that the individual is going to resign.

Workers at AUB Farm in the Bekaa Honor Dean James Cowan

Workers at the Agricultural Research and Education Center (AREC) held a dinner party last month in honor of Professor James Cowan on the occasion of his appointment as Dean of the Faculty of Agricultural Sciences. In addition to the «mansaf» which they prepared themselves, they presented several folkloric dances and recited poems. The party was attended by Dean and Mrs. Cowan, Mr. and Mrs. Y. Khashadurian and several faculty members. During the reception, Dean Cowan and Mr. Khashadurian, AREC Superintendent, awarded 10 and 15 year service pins to several AREC workers.

Seated l. to r. Mrs. Khashadurian, Mr. Khashadurian, Mrs. Cowan, Dean Cowan and Miss I. Trabulsi (AREC Nurse) with AREC workers in background.



New Faculty Members on 3-Year Contracts

Of the twenty-seven new faculty members of different nationalities who joined AUB at the start of this academic year, the following are engaged on three-year contracts :

— Dr. Edward Armaly, Assistant Professor of Business Administration is an alumnus (BBA 1966, MBA 1969). He holds a Ph.D. in Business from Columbia University (1972). Professor Armaly was a research assistant at Columbia (1969-71), lecturer at the Polytechnic Institute in Brooklyn (1970-71), Professor at Columbia (1972-73) and did research at the Chase Manhattan Bank, N.Y. (1973).

— Dr. Robert Branch, Assistant Professor of Education studied at the University of Washington where he obtained a BA in Mathematics (1964), a M. Ed. (1969) and a Ph.D. in Education (1973). Professor Branch was a pre doctoral lecturer at the University of Washington and high school teacher in the US and Africa. Professor and Mrs. Branch have a son.

— Dr. Jack D'Amico, Assistant Professor of English first came to AUB as a visiting associate professor of English during 1971-72. He has a BA in English literature from the University of Buffalo (1960) and a Ph. D. in English from SUNY at Buffalo (1966).

Professor D'Amico was Assistant Professor of English at the University of California (1965-70). He is married to Mary Ann Meagher.

— Dr. Norman Frigerio, Visiting Professor of Biology already knows AUB (1970-71). He holds a BS in Biophysics from MIT (1953) and a Ph. D. in Biophysical Chemistry from Yale (1957). Professor Frigerio was Professor of Chemistry at St. Procopius College, Illinois, Professor of Biology at National College, Lombard, Illinois, and Chief Engineer at Usher Aviation Radio. He has published a total of 130 articles in professional journals, four books and has three books in preparation.

— Dr. Michel Mazzaoui, Associate Professor of History is an alumnus. He studied at the Arab College in Jerusalem before obtaining a BA in English Literature from AUB (1952). He has a Ph.D. in Oriental Studies from Princeton University (1966). Professor Mazzaoui was Assistant Professor at McGill University, Montreal (1965-67) and Lecturer at Princeton (1969-72).

— Dr. Dale Myers, Assistant Professor in Education has a BA in English from Hendrix College (1962), an MA in American Literature (1963) and a

Ph.D. in English Linguistics (1970) from the University of Florida. Professor Myers was Assistant Professor at the American University of Cairo (1972-73) and Assistant Professor at Teachers College, N.Y. (1970-72). Professor and Mrs. Penelope Clair Diehl Myers have one child.

— Dr. Lloyd Roeling, Assistant Professor of Mathematics has a BS in Mathematics from Tulane University (1965) and a Ph.D. in Mathematics from Rice University (1970). He was Assistant Professor at Southwestern University, La., (1969-73). Professor Roeling is married to Beverly Ann Ennis. They have three children.

— Dr. Michael Smith, Assistant Professor of Biology holds a B.Sc. in Zoology from Hull University (1968), an M.Sc. in Oceanography from Southampton University (1969), and a Ph.D. in Comparative Physiology from Queen Mary College, the University of London (1973).

— Miss Ruth Illuminati, Assistant Professor in the School of Nursing obtained her B.S.N. (1963) in Nursing from the University of Pittsburgh, and her M.S.N. (1967) in Psychiatric Nursing from the University of Pennsylvania.

Area Lectures Series

Prof. A. Acra on Environmental Problems

Professor Aftim Acra, Chairman of the AUB Department of Environmental Health spoke last month of the problems of the environment in Lebanon. Professor Acra's lecture, the second in this year's area lectures series, was illustrated with slides.

The lecturer discussed at length the various fields of pollution. He said that the three main sources of marine pollution are waste water of coastal towns, oil residues of tankers and refineries and solid wastes. He explained that automobiles are the main contributor to air pollution, and mentioned that the AUB Department of Environmental Health has received a \$28,000 grant from the Lebanese Coun-

cil for Scientific Research for a study on air pollution in the country to be conducted by Professor Jack Ibrahim.

Professor Acra pointed out that the problem of occupational hazards is a most serious problem in Lebanon because workers in factories lacking safety precautions are exposed to pollution. He stressed that strict precautionary measures should be introduced to protect workers.

Professor Acra concluded by criticizing the unsatisfactory processing of food in some factories and condemned the indiscriminate use of pesticides which disturbs the ecological balance and kills birds and useful insects.

Prof. N. Shaath on International Rediscovery of Palestine Question

Professor Nabeel Shaath, Chairman of the AUB Department of Business Administration gave last week a lecture on « The International Rediscovery of the Palestine Question ». In this lecture, the third in the above series, Professor Shaath spoke of the plight of the Palestinian people between 1948 and 1967, adding that the entire question had degenerated into one small phrase in the Security Council resolution 242 : « finding a just solution to the refugee problem ». Pointing out that the rights of the Palestinians to self-determination in their own land were completely ignored, erased, and forgotten, Professor Shaath explained that the initial rediscovery of the Palestine Question started in 1967 when Palestinians began their struggle, recognized themselves as a collective entity and rediscovered their national identity. He added that this self-realization grad-

ually led to an international rediscovery which became more intense in 1969 when Palestinians declared that their aim was to establish a new state in Palestine : a democratic, non-sectarian, progressive state.

Professor Shaath went on to say that this rediscovery was started by pockets of intellectuals, churchmen and politically progressive individuals in Western Europe and in the US.

In concluding, Professor Shaath said that it is now necessary to thoroughly explain the true nature of the Palestine Question in order to make the world's rediscovery of it more meaningful.

In reply to questions Professor Shaath emphasized that the creation of a democratic state of Palestine for Arabs and Jews alike, is the only solution which can produce a lasting and just peace in the Middle East.

School of Nursing Conference on Youth

The Committee on Continuing Education at the AUB School of Nursing is sponsoring today a 2-day conference on « Youth : Changing Times and Values ». This conference is designed to develop awareness in the professional nurse of changing forces which affect youth in the Middle East.

The Conference program includes the following topics : Drug use and abuse, health and hygiene, alienation and suicide, communal life, marriage and divorce, abortion and contraception, women's rights, walk-in clinics, crisis centers, neighbourhood houses, youth groups, health education, and the role of nurses with youth.

A number of senior professors and specialists in medicine, public health, psychology and sociology are to lecture at this conference which is to be opened by the Dean of the AUB Faculties of Medical Sciences, Dr. Craig S. Lichtenwalner.

Area Lectures Series

The last four lectures in the above series are scheduled to be delivered on Wednesdays, November 21 and 28, and December 5 and 12, at 8:00 pm in the Faculty Lounge of Ada Dodge Hall.

On November 21, Professor Zuhayr Mikdashi is scheduled to speak of « The Energy Crisis and the Middle East ».

On November 28, Professor Nabeel Dajani's lecture will be on « Lebanon : A Center of Arab Information ».

On December 5, Professor Suheil Bushrui will speak of « Arab Culture and the West ».

The final lecture in the series will be delivered on December 12 by President Samuel B. Kirkwood who will speak of the American University of Beirut.

Prof. B. Greene Visits Pakistan and UK

Professor Brooke Greene, Assistant Professor of Agricultural Economics spent 12 days last summer in the Punjab area of Pakistan where he visited the West Pakistan Agricultural University, Lyallpur, and Peshawar University, and met with AID officials in Islamabad. Professor Greene later proceeded to the United Kingdom where he had discussions with members of the Agricultural Economics Department at Aberdeen University.



Miss Zaizaf Safi Receives 35-Year Service Pin



Miss Safi receiving award watched by Dean Hind Musa, left.

At a party held last month in Dale Hall, President Samuel B. Kirkwood awarded Miss Zaizaf Safi a 35-year service pin. Miss Safi was also handed a letter by Dean Hind Musa informing her of a six percent raise in her salary.

The party, given by Dean Musa and Dean Robert Najemy was attended by Miss Esther Moyer, Mr. Farid Fuleihan, Mr. Joy Abu-Jawdeh, representatives from the AUB Syndicate Board and a group of friends from the School of Nursing.

Recruitment of Nursing Students

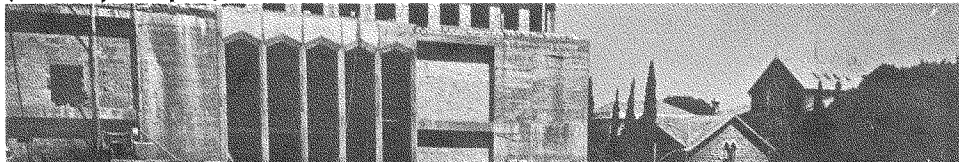
In a letter sent recently to the AUB administration, faculty, and medical staff Miss Esther L. Moyer, Director of the School of Nursing requests them to continue their assistance in recruiting nursing students.

In this letter, Miss Moyer says that this year twenty-five students have joined the Nursing Diploma Program for the class of 1976. She points out that attention must now be devoted toward recruiting classes of 1977, 1978, and beyond for the Bachelor of Science in Nursing Program.

Miss Moyer explains that many applicants hold the Baccalaureate part II in Philosophy rather than Experimental Sciences, and that many have a weak background in English. She requests all those who help in promoting recruitment to encourage candidates to study for the Baccalaureate in Science and begin an intensive study of English one or two summer sessions before completion of the Baccalaureate.

Phase III of New Medical Center

(Cont'd from p. 1)



Underground Parking and Pedestrian/Services Tunnel. East elevation, with Medical Library in background.

consulting architects Haines Lundberg and Waehler, while the local architects Dar-al-Handassah did the final design, working drawings and specifications. Franchi Construction Company of Newton, Mass., are the construction contractors.

STRUCTURES and MODIFICATIONS

Mr. Campbell explained at great length the various separate buildings and facilities of Phase III.

The Basic Sciences Building (about 80% completed) has three floors below street level, four floors above, and a roof. It will house more than four departments, and includes a cooling tower as well as a sub-basement for animals and a bomb shelter.

The Post Graduate Medical Education Building (about 55% completed) comprises an auditorium and demonstration area accomodating 489 seats, seminar rooms and other facilities. It has one floor below Mamari Street level and one floor above.

The auditorium is supplied with complete audio-visual, service intercom and TV systems, together with conduits and raceways for the future installation of wireless simultaneous translation and visual doctor's paging systems.

The Medical Library (about 40% completed) is designed to provide 200 - 300 seats, as well as space for 100,000 volumes. The only library with an open circulation, it will be open to all medical personnel in the region. Outside AUB, a small refundable deposit is required against loss or damage. 20 to 30,000 volumes are expected to circulate each year. There is no other comparable resource in the region.

The present overcrowded library, has 60,000 volumes and 90 reading seats for 631 students and 228 faculty.

Modification works involve three existing buildings: Van Dyck, to house the Public Health and Pharmacy departments; Building 56 which is already converted to nurses school and housing, and occupied; and the Old Medical Building, constructed 100 years ago, which is to provide office

space for administrative purposes after it is renovated.

Four levels of underground parking for 350 cars, including a bomb shelter, are linked to the Campus by a pedestrian and services tunnel. Work on these two underground structures is about 95% completed. A surface parking area is also included in the site work together with a deck for the Library, landscaping and walkways.

A one-bay extension, roughly 5x20 meters, of the existing power plant is 75% completed.

SERVICES AND FINISHES

Air conditioning, heating, steam, refrigeration, water services, illuminating gaz, and automatic controls, as well as emergency direct current lighting, audio annunciation chimes, lightning protection, auditorium remote control, vertical transportation, and door and fire alarms are but a few of the mechanical and electrical services involved in Phase III.

In general, floors will be finished with vinyl asbestos tiles, and stairs and landings will have a terrazzo floor finish. Ceilings of main areas are to have acoustic tiles fixed to exposed grid suspension systems. Other ceilings and internal walls will have flat paint on plain plaster. Certain laboratories and animal areas and utilities are to have glazed wall tiles.

The external finish will be *Furni* cut stone cladding to walls and *Saida* white stone to copings, or bush hammered plaster.

It is easy to imagine the elegant touch which, when completed, the various structures of Phase III will add to the University's unique campus, and to this part of town.

Referring to the doctor deficit and subsequent special place for post graduate education in the region, and to the special refresher courses and wide variety of programs, assemblies, conferences, seminars and work shops which the Center is to provide, Mr. Campbell hoped this final phase would be completed without undue delay.

Prof. H. Kurani Edits University Catalogue

Provost Samir K. Thabet announced early this month that Dr. Habib A. Kurani, Professor Emeritus of Education, has volunteered to assume responsibility for editing the University

Catalogue for the academic year 1974-1975. Dr. Kurani is temporarily located in Room 311 College Hall, Extension 2231.

Prof F. Ragette Lectures on Lebanese Architecture

Professor Friedrich Ragette of the AUB Department of Architecture is giving this month three lectures on traditional Lebanese architecture.

i — The origins of Lebanese architecture, Friday, November 16, 8:30 pm.

ii — The characteristics of Lebanese architecture, Friday, November 23,

8:30 pm.

iii — The future of Lebanese architecture, Thursday, November 29, 8:30 pm.

The lectures, in English and illustrated with slides, are to be given at the German Cultural Center (Goethe-Institute), Bliss Street, Tel. 348449/50.

Shorter Heating Season

The Director of Physical Plant, Mr. Aziz K. Nahhas has announced in a circular that severe budget limitations make it necessary to reduce the duration of the heating season on Campus this winter.

Heating, this year, is scheduled to be supplied over a period of three

months (December 15 to March 15) instead of five months (November 15 to April 15) as in the past.

The circular points out, however, that should the mean outdoor temperature drop below 15°C (59°F) heating will of course be provided.

Thefts on Campus

Several incidents of thefts of personal belongings and University property have been taking place on campus. Many of these incidents are due to some carelessness in leaving doors or desks or closets unlocked.

In a recent circular, the Director of Personnel strongly appeals to every one on campus to make sure that doors are closed during one's absence and that valuables are deposited in a safe place.

The Director of Personnel further instructs that when a theft occurs it

should be reported immediately by telephone to the Office of Protection, where a Theft Report (Form No. 14-16) can be obtained for completion and filing. The value of the stolen or lost property should be clearly indicated.

Depending on the value of the stolen or lost items, whether university or personal property, the university can often claim insurance compensation. Failure to fill out the theft report could result in further losses to the owner and/or university in addition to affecting the inventory records of university property.

British Council Scholarships

The British Council is offering a number of scholarships for postgraduate study tenable in Great Britain from September 1974.

Scholarships which are normally for one academic year, are intended to enable persons already qualified in their profession to undertake advanced study or research for which facilities are not available in Lebanon. All candidates must :

- a) be aged between 25 and 35;
- b) be Lebanese nationals and are expected to return to Lebanon perma-

nently on termination of their awards;

c) possess a University Degree or an equivalent professional qualification;

d) have a good knowledge of written and spoken English.

Further information and application forms may be obtained from the British Council, Sadat Street, Ras Beirut. Tel : 340157/8.

The AUB Campus is traditionally the major beneficiary of these awards and more than half of the successful applicants over the past few years have been AUB graduates.

AUB in the Press

Campus



The Evening News, Binghamton, New York published last September a long interview with Miss Miriam Wheeler of Broome County's Civil Rights Project who confesses her fondness for Lebanon where she recently studied for a year at AUB. She was quoted as saying : « There were peacocks on campus. Mountains and oceans. Clubs and parties all over » Miss Wheeler added : « If heaven's like that, I wanna be good ».

FINANCIAL TIMES

No. 28,177

Wednesday October 3 1973 ** 6p



Harvard of the Middle East

Under the heading « Beirut Business Graduates », the *Financial Times* of London in an article early last month described AUB as the Harvard of the Middle East.

Referring to the Department of Business Administration as multifunctional, the paper pointed out that it is supplying about a third of the total demand for BBA's, MBA's, evening courses, and tailor made courses for certain industries and firms in the area.

The paper quotes Professor Nimr Eid who speaks of the department's plans and activities. It concludes by saying that where AUB business graduates are employed they inspire effective and praiseworthy change.

Twelfth Annual Report

The AUB Twelfth Annual Report for 1970-1971, which appeared in May, records the University's research projects and publications.

In a foreward to this report, President Samuel B. Kirkwood describes the research effort as a diversified one reaching into all four faculties and directed to the many different problems of the Middle East.

President Kirkwood says that as a regional institution AUB concerns itself with the questions facing the people of this area, adding that it is knowledge applied that in the end brings benefit to people and that it is the exciting purpose of AUB to pursue knowledge.

He points out that the University continues to be the beneficiary of support (amounting to \$922,715) in these efforts from many agencies, foundations, corporations and individuals, and that it is indeed grateful to all of them. He refers to the Lebanese National Council for Scientific Research as one of the most helpful organizations supporting this research, and pays tribute to the « work of the scholars and scientists themselves who have translated money and facilities into ideas and practical results.»

The Report, Published by the Office of University Publications, was prepared by the University Research Committee.

The Report's feature article is by Professor Yusuf Ibish of the AUB Department of Political Studies and Public Administration who reports on his UNESCO — sponsored mission to Yemen with AUB professor Mahmud Ghul of the Department of Arabic and Near Eastern Languages to evaluate hitherto unknown collections of valuable books and manuscripts.

The Report lists and surveys more than 630 research reports and publications which cover the various fields of study at the University's four faculties of Agricultural Sciences, Arts and Sciences, Engineering and Architecture, and Medical Sciences, as well 268 Masters and seven Ph. D. theses.

4619 Students and 600 Professors



Registration process

4619 men and women students have been registered at AUB for the current academic year. This figure shows an increase of 233 students over that of last year. 83% of the student body, compared to 82% last year, are Arabs of whom 54% come from Lebanon.

More than 50% of the total number of students are enrolled in the Faculty of Arts and Sciences. 712 students are enrolled in the Faculty of Medical Sciences, 698 in the Faculty of Engineering and Architecture and 326 in the Faculty of Agricultural Sciences. AUB students belong to 72 nationalities and come from Asia, Africa,

Europe, the Americas and Australia.

Of this year's Faculty members who number more than 600 professors, 65% come from the Arab countries and the Middle East.

In 1866, when AUB was founded as the Syrian Protestant College, it started its long and distinguished career in a few rooms of the National School in Zokak-el-Blat, with only sixteen students and eight professors. Now, 108 years later, the AUB campus has an area of 73 acres with 81 buildings in Ras Beirut, and a 246-acre research and educational farm in Hosh Sneid in the Bekaa, 80 kms from Beirut.

Prof. P. H. Smith Attends Art Symposium in Cyprus

Professor Peter Harrison Smith, Chairman of the Department of Fine and Performing Arts attended last July a week-long art symposium in Cyprus where he delivered the inaugural lecture on the assigned topic « Contemporary Art and the Public. »

He also participated in symposium discussion groups and was a member of the jury of the annual pan-Cypriot art exhibition. Other participants came from East Germany, Czechoslovakia, France, Greece, and Great Britain.

Mr. V. Oshagan Attends Congress of Orientalists

Mr. Vahé Oshagan of the AUB Cultural Program attended last July the 29th International Congress of Orientalists in Paris. Over 3,000 orientologists from all over the world took part in this congress which coincided with the centenary of the foundation of the International Association of Orientalists.

Mr. Oshagan participated in the deliberations of the Christian Orient Section and read a paper on the 19th century school of Armenian translators in Smyrna (Turkey).

A full grant by the Ford Foundation enabled Mr. Oshagan to participate in this congress.

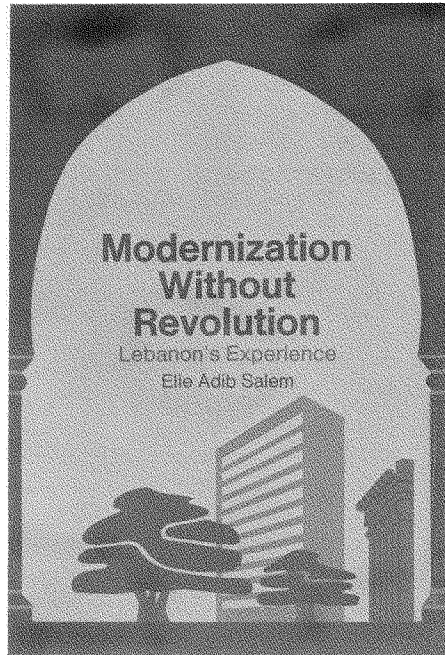
"Modernization Without Revolution"

The latest book by Professor Elie A. Salem is printed in the US by Indiana University Press. In 1968-69, Professor Salem, Chairman of the AUB Department of Political Studies and Public Administration was Visiting Professor in the Department of Political Science and a research scholar at the International Development Research Center (IDRC) at Indiana University, where he started working on this book which gives an absorbing and authoritative account of how modernization has occurred within Lebanon's communal and pluralistic society.

In reviewing this book, the publishers say the author has drawn upon extensive personal experience and contacts, in addition to a broad array of sources in the Arab and world literatures on modernization and social change.

After analyzing the background of Lebanon's thrust toward modernization during the past century, Professor Salem discusses demographic, economic, and educational trends which have been of strategic weight in this process. He devotes more than one page to AUB, the largest private American university outside of the United States.

This book is divided into six chapters. Chapter One deals with nineteenth and twentieth century movements toward Lebanese modernization. Chapter Two, which provides background



information on demographic, economic, and educational trends, traces the process of modernization. Chapter Three examines the country's unique political formula for accommodating change. Chapter Four discusses the relationship of the bureaucracy to the political structure and its role in modernization. Chapter Five describes planning for modernization, and Chapter Six presents some conclusions and indicates alternative courses for the future.

League of Syrian Students at AUB Collects LL. 26,000 For War Victims

The League of Syrian Students at AUB has reported that the donations it has collected for Syria's war victims amounted to LL. 25,639 and LS 1,005.

The League has spent these amounts on the purchase of more than twenty refrigerators of different sizes to preserve and transport blood donations for the Syrian Ministry of Health, in addition to the purchase of medicines and clothes for wounded Syrians who were treated at St. George's Hospital in Beirut.

The League has also participated in securing other donations, among them more than thirty refrigerators for the preservation of blood donations, three transport cars and one ambulance, as well as medicines and medical equipment and various presents to Syria's wounded.

The League points out that donors for Syria's war victims included CAT company whose donation was made by Mr. Shukri H. Shammas, member of the AUB Board of Trustees, the League of Students of the AUB Faculty of Engineering and Architecture, the AUB Civic Welfare League, and the Lebanese Company for Industry and Trade.

A report on the Faculty and Staff donations campaign will appear in the next BULLETIN.

AUB BULLETIN

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.

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Redwan Mawlawi.

Editor: George Salhab.



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AUB BULLETIN



VOLUME XVII No. 4

THURSDAY, NOVEMBER 29, 1973

Lebanese Independence Day on Campus



H.E. the Minister of Education at the book exhibition.

The Lebanon's Independence Day was last week observed by the AUB League of Lebanese Students who decorated the campus with bunting and flags, and organized various activities, panels and an exhibition of books on Lebanese heritage to commemorate this occasion.

The Minister of Education, Mr. Edmond Rizk opened the book exhibition and was welcomed by the President of the League of Lebanese Students, Mr. Mounir Karam who spoke of the atmosphere of freedom at AUB.

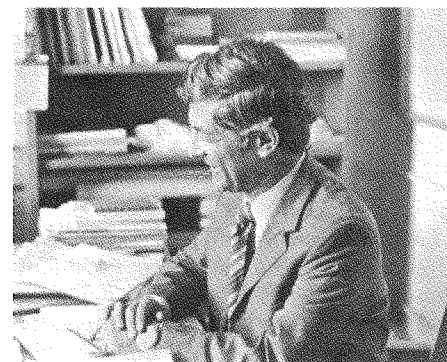
In a long and resounding

speech, the Minister of Education urged Lebanese students at AUB to foster relations among themselves and with other AUB students, particularly Arab students. Mr. Rizk referred to Arab students as brethren with whom the Lebanese share one future and one destiny.

Mr. Rizk highly praised AUB, saying :

AUB is a bastion of knowledge and education. It is a lighthouse of guidance in this land of charity and learning. We are grateful to AUB and deeply appreciate its message.

Mobil Oil Grant to Department of Geology



Professor Ziad Beydoun, Chairman of the AUB Department of Geology.

The Department of Geology has recently completed its 15th year as an integral part of the academic program of the Faculty of Arts and Sciences at the American University of Beirut. The undergraduate program emphasizes the fundamental aspects of geology and leads to a well balanced Bachelor of Science degree. Specialization and research are carried out on the graduate level where students may choose courses in petroleum geology, photogeology, hydrogeology, geochemistry, applied geophysics, mineral deposits, micropalaeontology and various selected topics in marine geology. Oceanography, x-ray crystallography and engineering geology are also offered in the Masters degree program. In cooperation with the AUB Department of Biology undergraduate and graduate degree programs in Marine Science are also available.

Much of this development in recent years has had the generous support of Mobil Foundation which has made a \$100,000 five-year grant to strengthen the Earth Science program at AUB. The Mobil gift has been used particularly to develop the geophysical, geochemical and oceanographic parts of the curriculum. There are 24 undergraduates and 21 graduate students

(Cont'd on p. 5)

Founders' Day

Founders' Day Convocation will be held on Monday, December 3, at 10:00 am in the University Chapel. The speaker will be Dr. Albert Badre, President of Beirut University College.

«Some Reflections on Changing Values of Higher Education» will be the theme of Dr. Badre's speech.

All members of the faculty, with the rank of Assistant Professor and above, are invited to participate in the procession. No classes will be held between 10:00 and 11:00 am on Founders' Day.

University Chapel Services

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge of Ada Dodge Hall.

Area Lectures Series

The last two lectures in this year's Area Lectures Series are to be delivered on Wednesdays, December 5 and 12, at 8:00 pm, in the Faculty Lounge of Ada Dodge Hall.

« Arab Culture and the West » is the subject of Professor Suheil Bushrui's lecture on December 5.

The final lecture in the series will be given on December 12 by President Samuel B. Kirkwood who will be speaking of the American University of Beirut.

Mathematics Colloquium

The second meeting of 1973-74 will be as follows:

Speaker : Professor H. K. Farahat

Title : «Some Elementary Questions in Number Theory».

Date : Thursday, December 6, 1973
3:30 p.m. Tea
4:00 p.m. Paper

Place : Room 116 Bliss

Concert

SUNDAY, Dec. 9 — 8:00 p.m.
CONCERT BY BEIRUT COMMUNITY ORCHESTRA
(Conductor Allen HOVEY)
Assembly Hall — AUB
Tickets : LL 4, 3 & 2

Paintings Exhibition

Mr. Farid Haddad is having his fourth one-man exhibition of recent paintings at the Delta International Art Center from December 6 until December 20, 1973. Mr. Haddad graduated from the AUB Department of Fine and Performing Arts in 1969, and has since served as a Medical Illustrator at the School of Public Health.

Youth Problems Reviewed at School of Nursing Conference



L. to r. Dr. K. Karam, Mrs. M. Chamie, Prof. C. Churchill, Prof. P. Dodd and Dean R. Najemy at panel discussion.

The AUB School of Nursing held this month a two-day conference which reviewed various problems of youth and the community. Sponsored by the Committee on Continuing Education at the School of Nursing, and designed to develop awareness in the professional nurse of the changing forces which affect the youth of the Middle East, the conference discussed current concepts and approaches in meeting the needs of young people.

Thirteen AUB specialists and professors participated in the conference program which included topics related to family life, drugs, contraception, honor crimes, marriage and divorce.

The program began with a word of welcome by Miss E. Moyer, Director of the School of Nursing. Professor G. Rubeiz followed with an overview of « Changing Times and Values », and Dr. E. Srouj spoke of « Health and Hygiene ».

« Models for Health Care », « Social Integration » and « Nurses Role with Youth » were discussed by Dr. N. Haddad, Dr. E. Hagopian and Mrs. A. Talhouk (College Nurse-Beirut University College) respectively.

« Drug Use and Abuse », one of the main topics of the conference was discussed by Dr. N. Cortas who explained the extent of harm resulting from addiction to drugs.

Another main topic, « Alienation and Suicide » was the subject of a paper by Dr. V. Puzantian who revealed that suicide, after road accidents, was number one killer among young people, and urged for a thorough study of this problem in the Middle East.

As Dr. Puzantian was unable to attend, his paper was presented through a closed circuit TV system. This videotape facility, used for the first time

on campus, was supplied last year to the School of Nursing through a \$22,000 grant from the Helene Fuld Health Trust. The equipment has completely furnished the School of Nursing with material for the videotaping of training procedures for use by student nurses in their courses. Moreover, the Helene Fuld Health Trust grant has completely equipped a student study center where videotapes, films, slides and cassette-film strips can be viewed by nursing students.

Dr. N. Nassar spoke of « Health Education ». He argued that this subject should be taught in elementary and secondary schools, and not only in universities, pointing out that 72% of young people use drugs in schools, not in universities.

« Changing Patterns of Family Life » was the subject of a panel discussion which had Dr. C. Churchill for moderator. At this panel, Professor P. Dodd spoke of « Marriage and Divorce », and Mrs. M. Chamie, Dean R. Najemy and Dr. K. Karam discussed respectively the topics of « Women's Rights », « Communal Life » and « Abortion and Contraception ».

Mrs. Chamie said woman should be given a chance to prove that she is capable of working side by side with man. She attacked « honor crimes », urging that woman should have the right to auto-determination.

Dean Najemy pointed out that because of strong family bonds in the Middle East, communal life here is not exposed to the dangers which afflict Western communal life.

On the subject of abortion and contraception, Dr. Karam strongly urged that women should be guided to safeguard community health.

New Faculty Members on One Year Contracts

Fifteen new faculty members have been engaged on one year contracts for the academic period 1973-74.

The academic background of eight new members appears below and that of the remaining seven will be published in the next Bulletin.

— Dr. Ann Ackourey has joined the Department of Education as a Visiting Associate Professor. She received her BA in English from Maryland College (1954), her MA in Education from Marquette University, Wisconsin (1956) and her Ph.D. in Ed. Adm. Gov't. English from the University of Miami. At present, Professor Ackourey is in the process of writing three books.

— Dr. Donald Browne is Visiting Professor of English, Mass Communication.

Professor Browne has come to AUB from the University of Michigan where he taught following graduate studies in Speech and Political Science, MA (1958) Ph.D. (1961). Professor and Mrs. Mary Jo Browne and their three children are living in Faculty Apt. 1.

— Mrs. Laurel Tatsuda Egan, Instructor in the University Orientation Program obtained her MA in Urban Education from Roosevelt University (1971).

— Dr. Elaine Hagopian, Visiting Professor in Sociology studied at Boston University where she obtained her BA (1954) and MA (1956) in sociology, and Ph.D. in sociology and anthropology (1962). Professor Hagopian held the positions of Lecturer in Sociology and Anthropology at Boston University, Assistant Professor of Sociology and Anthropology at Smith College, Massachusetts, and Professor of Sociology at Simmons College, Massachusetts.

— Dr. Roger Joseph, Visiting Associate Professor in Sociology and Anthropology received his BA in History from the University of Nevada (1960) and his MA (1963) and Ph.D. in An-

thropology from UCLA prior to his professional position at California State University.

Dr. Joseph has published several articles in professional journals and is preparing a book entitled *Rituals and Relatives*. He is a member of the American Anthropological Association. Dr. and Mrs. (Terry Cutchall) Joseph reside on Commodore St.

— Mrs. Catherine Evans Latta, in the Department of English, is an AUB graduate MA 1973. She received her BA in English Literature from Cornell University (1961). Mr. and Mrs. Lawrence Latta and daughter, Christiane, have lived in Beirut for some years.

— Mr. Leslie McGaw has joined the Department of English as an instructor of Communication Skills—Sophomore courses. Mr. McGaw obtained a BA in General Arts from the University of Toronto (1963) and an MA in English from the University of Western Ontario (1966).

— Dr. Massaad Massaad has assumed the position of lecturer in the Department of Geology. Professor Massaad is teaching a course in Crystallography and Physical Mineralogy and another in Petrology, his special line of study. He attended L'Université de Paris (Physics, Chemistry, Biology (1960) and Lausanne University (Mineralogy, Petrology, Microbiology, Biochemistry (1969), Chemistry (1970), Ph.D. 1973. Professor Massaad has recently been teaching at Valcreuse Institute, Lausanne and at Valmont School. In addition to several articles which appeared in professional journals, Professor Massaad has a book published. He is a member of La Société Vaudoise de Sciences Naturelles, La Société Géologique Suisse and La Société Suisse de Mineralogie et Petrographie. Professor Massaad is married to Elizabeth Kolfshoten.

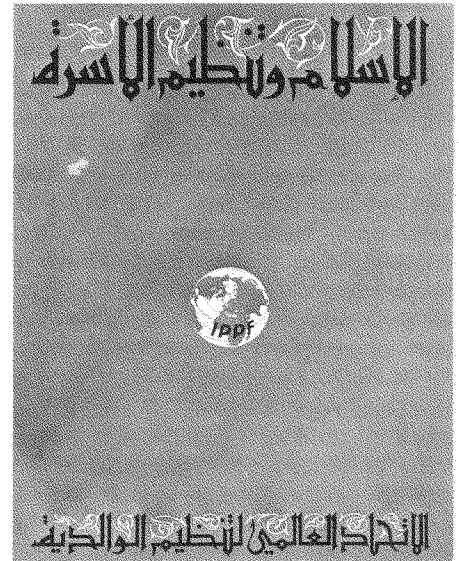
Shorthand Class For Beginners

The Director of Personnel, Mr. Farid A. Fuleihan has announced that to make the application of its policy of « Promotion From Within » more effective, the University plans to start again this year a shorthand class for beginners.

This class, given free of charge, will

meet three times a week on Mondays, Wednesdays, and Fridays from 5:00 to 6:00 pm, and the program will extend from December 3, 1973 till mid June 1974. Classes are to be held in the « Employee Training Room », Ada Dodge Hall (Room adjacent to Faculty Lounge).

Islam and Family Planning



Professor Mahmud Zayid of the AUB Department of History is coeditor of a new two-volume work, « Islam and Family Planning », which consists of 49 papers by scholars from 23 Muslim countries who were invited in December 1971 to a conference in Rabat, Morocco, sponsored by the International Planned Parenthood Federation (IPPF). The papers deal with four topics : « Islam and the family in a developing society; Islam, society and development; Islam and planned parenthood; and Islam and the question of abortion and sterilization ». This work, the first of its kind, reveals Islam's progressive outlook to these topics. The book also records in full the 5-day discussions by the participating scholars who represented the main Muslim sects and included economists, historians, demographers and medical scientists.

An English edition of the work is expected to be available early in 1974. The present Arabic edition can be obtained from the IPPF Regional Office in Beirut.

Last Day For Dropping Courses

The Registrar, Professor Fuad S. Haddad has announced that the last day for dropping courses is Saturday, December 15. Since the Administration Offices are not open on Saturdays, the Registrar's Office will accept dropping cards all day, on Monday, December 17, 1973 up to 3:45 pm.

New Collective Agreement Signed With Workers and Staff Syndicate

A new collective agreement was signed late last month by the President of the American University of Beirut, Dr. Samuel B. Kirkwood and the AUB Workers and Staff Syndicate. The new agreement was reached after four months of quiet negotiations on a number of demands which the Syndicate raised when the previous collective agreement expired last June.

The new collective agreement, which has been registered with the Lebanese Ministry of Social Affairs and Labor, includes several new provisions covering the salary scale, annual leaves, summer working hours, meals, annual increments, and free education of non-academic personnel.

Salary Scale

A recent Lebanese law provides for a minimum pay of LL. 225 per month. The new collective agreement with the AUB Workers and Staff Syndicate provides for a monthly minimum pay of LL 225 for Grade XII, and LL 233 for Grade XI. This represents a monthly increase of LL 20 and LL 25 respectively over payments made by AUB for these two grades up to June 30 last.

For Grades X to I, the new collective agreement stipulates that a 3% increase per month be made over the previous scale, provided this increase is not lower than LL 10 and not higher than LL 20.

Annual Leaves

In accordance with a new Lebanese law which stipulates that working (not calendar) days shall be counted in calculating annual leaves, the new agreement provides for annual leaves of 15, 17, 20 or 24 *working* days, con-

sidering one's years of service. Previously, such annual leaves were for a duration of 15, 20, 25 or 30 calendar days.

Summer Working Hours

About 25% of the non-academic personnel have been working 35 hours a week during the summer. The new collective agreement stipulates that beginning on the first Monday in July all non-academic personnel shall work 37 1/2 hours a week during the summer for a period of ten weeks.

Personnel who are required to continue to work 40 hours a week because of University requirements and the nature of their work, shall be given three days off in lieu during the year.

Meals

Food service workers were required to have all their meals at their place of work against a payment of LL 40 per month. The new agreement does not require them to do so, but provides that they be allowed to have one free meal a day while on duty.

Annual Increments

The 3% increase which has been paid annually for a duration of 15 years of service shall, henceforth, be paid for a duration of 20 years.

Free Education for Children

Prior to the new agreement, children of non-academic personnel were not allowed free education, but some of them were awarded scholarships. The new collective agreement, however, stipulates that free education shall be allowed for a maximum period of three academic years, beginning with the Sophomore Year, for only two children of a worker or employee who has served AUB for ten or more years.

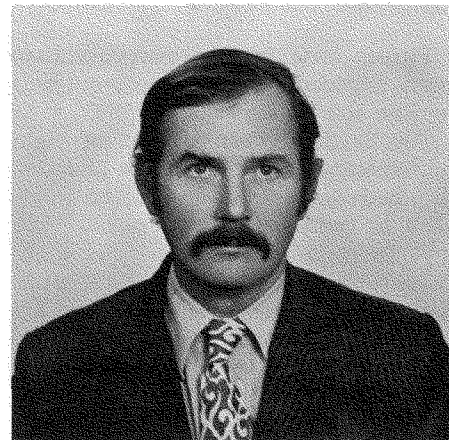
Prof. N. Dajani Participates in UNESCO Meeting

Professor Nabil Dajani, of the Mass Communication Program, participated recently in Paris in a week-long meeting of UNESCO's International Advisory Panel on Communication Research. The Panel studied UNESCO's communication research activities and recommended short and medium term programs. It also addressed itself to the re-appraisal of possibilities and limitations of the international program of communication research which it drafted in its first meeting.

Professor Dajani chaired the session of the panel which viewed the practical difficulties of promoting UNESCO's international program with governments and institutions in developing countries.

Professor Dajani has been a member of this UNESCO panel for the past two years. He also serves on the UNESCO Panel of Consultants on Communication Policies and Planning, and the Panel of Experts on Research in Family Planning Communication.

Mr. D. Egee Honored



Mr. D. Egee

Mr. David Egee, Director of AUH has become a member of the American College of Hospital Administrators (ACHA). The announcement was made by the chairman of this professional society, Mr. William N. Wallace during the convocation ceremonies which marked the opening in Chicago of the society's annual meeting held concurrently with the American Health Congress.

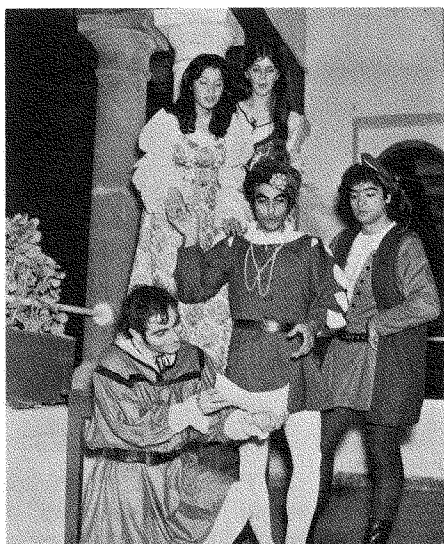
ACHA comprises 9,500 leading hospital and health care administrative personnel in the US and Canada.

Medical Skill

In a letter to the editor of the Washington Post, Dr. Z. A. Shakashiri, President of the AUB Alumni Association of the Greater Washington Area, referred to an article which appeared last July in this paper under the heading « New Life for Two Babies ». The article spoke of a surgical operation performed at Children's Hospital by Drs. Lilly and Altman on two rare cases of « biliary atresia », describing it as « the first reported American application of a difficult operation originated in Japan ». This operation offers a chance for life and recovery to children with jaundice and other complications.

In his letter, Dr. Shakashiri pointed out that an April issue of the AUB Bulletin had reported a similar operation performed by Doctors Bitar and Slim at the American University Hospital, Beirut. He said in concluding that the « more than one century old American University of Beirut continues to portray abroad American education and skill at their best ».

Theater Season Opens



The AUB Department of Fine and Performing Arts and the AUB Players have announced the opening of this year's theater season with Goldoni's *The Liar*, a comedy in two acts. The comedy will be performed in West Hall at 8:30 pm tomorrow, Friday, November 30, and on December 1, 6, 7 and 8.

The Liar is a fine example of *com-media dell' arte*, a popular form of street comedy that flourished in Italy from the 16th to the 18th centuries. Travelling troupes of actors armed only with stock characters (Pantalone, Il Dottore, Arlecchino, etc.) and bare plot outlines, produced a highly skilled and creative repertoire of performances through improvised dialogues and situations. Theirs was a truly spontaneous theater, and it is largely thanks to Carlo Goldoni that this tradition reaches us today. An actor as well as a playwright, Goldoni recorded many of the plays created by the *com-media* artists.

The Liar is set in Venice in the 18th century. Lelio Bisogno (played by Mr. Krikor Satamian of the Department of Fine and Performing Arts) is an inveterate liar, incapable of uttering the barest and simplest truth. Referring to his lies as the witty inventions of a fertile mind, he proceeds to charm his way through the play while letting gems of outrageous falsehood fall in the way of gullible listeners. He is inevitably caught in the web of his own deceit, though not before he insists on one last valiant attempt through his other lies.

The play is directed by Mr. David Kurani. Costumes are designed by Miss Naomi Gray-Wallis.

CELRT Surveys Teaching of English in Kuwait

The AUB Center for English Language Research and Teaching (CELRT), has recently been engaged in country-wide surveys of the teaching of English as a foreign language in the Middle East. A new contract just signed with the Kuwait Ministry of Education, is the latest in a series of studies that have been negotiated by the Director of the Center, Professor Neil Bratton. The AUB Office of Tests and Measurements and the Division of Extension and Special Programs will also participate in the administration of the survey.

The first contract of this nature was concluded with the Ministry of Education of the government of Afghanistan. The survey document was six months in preparation. The 87-page report, *Survey of English Language Teaching in Afghanistan* was published in September 1972, the first such study undertaken in the region. It will be used to coordinate the teaching programs of seven independent agencies.

Two other contracts concluded in cooperation with the Ford Foundation have involved the setting up and staffing of English language programs at the Amilieh Technical Institute in Beirut and the Faculty of Law of the Lebanese University.

Professor Bratton said the Center hoped to carry out similar surveys in other countries in the area. He explained that the services rendered by the center can be of great value to the long range planning of English language programs.

CELRT's surveys provide the specific data which educational authorities need before they can make long-range policy decisions. Standardized English tests give a clear picture of the level of English proficiency of teachers in

comparison with successful students and teachers in other institutions. When the data from questionnaires and tests are collected and analyzed, recommendations are made on how to improve the standard of English teaching.

AUB is particularly well placed to serve as a center for English language teaching in the Arab world. It has several advantages over survey teams from outside the region. AUB has the experience and understands the special conditions of teaching English to Arab and Middle Eastern students. Many AUB graduates are now school officials and teachers throughout the area and play an important role in the introduction of new language teaching methodology. On a continuing basis the University is prepared to help implement the findings of its survey teams.

Over a period of years the English language center remains in close touch with the countries it surveys. A teaching diploma program is available to teachers seeking to upgrade the quality of their classroom technique and a Masters program is available for inspectors and senior teachers. Special non-degree summer programs are organized to suit the needs of individual countries. The *TEFL* bulletin is sent free of charge to 4,000 teachers of English throughout the Middle East, thus giving English teachers an opportunity to keep abreast of new developments in their field.

Other activities of the Center include the organization of special courses in specialized English (English for nurses' aids, janitors, telephonists) and, through the Division of Extension and Special Programs, evening courses in English are open to the public.

Mobil Oil Grant to Department of Geology

(Cont'd from p. 1)

enrolled in the Department this year.

Since 1958 when the Department of Geology at AUB was established 81 undergraduate degrees have been awarded and 21 Masters degrees. Graduates are playing an increasingly important role in the Middle East as the management and conservation of petroleum, water and mineral resources becomes paramount and the search

for new resources continues.

In presenting to AUB the 1973-4 grant from the Mobil Foundation recently Mr. Muhieddine M. Ahdab, President and General Manager of Mobil Oil Lebanon expressed confidence that the Mobil grant would encourage young men and women to pursue studies in these branches of science so vital to the development of the region's natural resources.

Area Lectures Series

Prof. N. Nasr on Political Scene in Lebanon

Professor Nihat Nasr of the AUB Department of Political Studies and Public Administration spoke this month of the political scene in Lebanon, describing the Lebanese system of government as consociational. In his lecture, the fourth in this year's area lectures series, Professor Nasr concentrated on three major points: the historical background of Lebanon, the Lebanese political system, and the agents in that system.

Professor Nasr began with a review of the historical background of Lebanon's political system from the early 16th century. He covered the feudal system until 1841 when it fell apart and was replaced by the Kaimamiyah which in 1861 gave way to the Mutassarifiyah. This system was replaced in 1918 by the French Mandate which lasted until 1943, when Lebanon became independent.

Professor Nasr explained that Lebanese society is a consociational pluralistic one, adding that this consociational

system in Lebanon is evident in the famous unwritten *National Pact* which provides for mechanical solidarity while organic solidarity develops. He went on to say that this pact serves as a major vehicle of integration, pointing out that through its negation of extremism it engages moderation, and as a convention it can evolve with society.

Professor Nasr added that the Lebanese political system is liberal and democratic and that it is characterized by mass participation in elections, freedom of belief without exceeding sectarian limits, opposition at the level of the masses and in Parliament, and majority rule.

Referring to the primordial groups and political organizations who compete for participation and a distribution of power, Professor Nasr concluded by saying that the Lebanese system has proved to be a remarkably successful system for accommodating consociational pluralism.

Prof. Z. Mikdashi on Energy Crisis and the Middle East

Professor Zuhayr Mikdashi of the AUB Department of Business Administration delivered last week a lecture on the energy crisis and the Middle East. His lecture was the fifth in this year's above series of lectures on the Middle East.

Professor Mikdashi spoke of the importance of oil as a main source of energy in the world and explained that the annual world consumption of oil amounts to 2590 million tons, i.e. 48% of the world primary energy consumption. He pointed out that compared with 1971 world energy consumption rose in 1972 by 400 million tons, half of which came from oil.

Professor Mikdashi said the Arab world contained two thirds of the world's proven oil reserves, and that Arab oil contributes over 50% of the world oil trade. He added that 95% of Arab oil production is sent to Japan, Western Europe and the US, and that the dependence of these countries on Arab oil varies considerably.

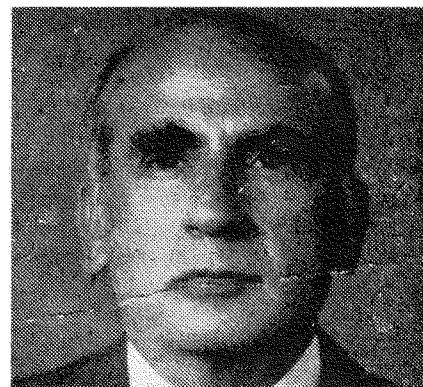
Japan depends on Arab oil for nearly half of its consumption, Western Europe for 80%, and the US for 18%.

The US figure appears low, yet US dependence is increasing fast. US imports from Arab countries, he said, rose by 65% in the first half of 1973 compared with that of 1972.

Professor Mikdashi spoke of the importance of Arab oil exports to industrial countries pointing out that the economic development in every modern society is organically bound to adequate energy supplies. If energy supplies drop, economic development also drops, and vice versa.

Professor Mikdashi concluded by saying that the US and other industrial countries are trying to do without Arab oil but that this is costly and will take a long time. He quoted the Executive Manager of the American Petroleum Research Institute as saying that the development of energies, among them nuclear energy, which can compete with Arab oil cannot be attained before 1981. He added, however, that technological and nuclear pollution problems have not yet been solved, and that nuclear energy has so far only supplied less than a third of one percent of world energy consumption.

AUB in the Press Dr. I. Dagher Praised



Recently, the French Language weekly, *La Revue du Liban* was full of praise for Dr. Ibrahim Dagher, referring to him as a most talented asset to the country. It recalled that earlier in the year, President Hafez Assad of Syria sent after Dr. Dagher who performed a delicate and successful varicose operation on the leg of the Syrian President.

AUB Cited in TV Program

The Pasco, Wash., *Tri-City Herald* has cited the American University of Beirut as one of the items in a TV program entitled Golden Voyage, Lebanon.

Prof. J. Munro on Arab Universities

The Times Higher Education Supplement, London, has published an article headed « Passion for Abstract in Arab Universities », by Professor John Munro of the Faculty of Arts and Sciences.

1882

An-Nahar has reproduced the following from its back issues :

The Most Able Man I Have Known
Dr. Edwin Lewis, an instructor at the Syrian Protestant College (AUB) was the first to mention Darwin's theory (of the origin and perpetuation of species) in the Arab world. At the Commencement exercises in 1882, Dr. Lewis spoke of this theory in his address to graduates. This led some students to rise against what he said, while others rose in support of him. Dr. Lewis was dismissed, and Dr. Van Dyck resigned in solidarity with him.

Prof. A. Acra Consulted on Pollution

At the recommendation of the Regional Representative of the United Nations Environmental Program, the Kuwait Planning Board invited last summer Professor Aftim Acra, Chairman of the AUB Department of Environmental Health to visit Kuwait for a week as a short-term consultant. Professor Acra assisted in preparing the «Draft Agreement for Cooperation in the Prevention and Control of Marine Pollution in the Gulf.» This draft is to be submitted by Kuwait for discussion and ratification by Gulf states governments at the Regional Conference on Marine Pollution in the Gulf which is to be held next January in Kuwait.

Professor Acra was also asked to review standards for drinking and industrial waters for adoption in Kuwait, and visited two research centers involved with environmental studies. He was invited, as well, to survey the Shuaiba Industrial Area where all of Kuwait's petrochemical industries are located, and to comment on conditions with respect to occupational health hazards, pollution of the atmosphere and marine environment.

Overtime Work

The Director of Personnel has called attention to regulations pertaining to overtime work. Stressing that every effort is to be exerted to keep the amount of overtime work to a minimum, he points out that such work must be approved in advance by the Dean concerned or head of the administrative department who should promptly notify the Office of Personnel of the overtime worked, and of the circumstances requiring such work.

Employees and workers who are scheduled for overtime work should be duly notified in writing by their supervisors, with a copy of said notification forwarded to Personnel.

Employees classified above Grade 1 are not eligible to receive overtime pay, but when they are required to work a substantial amount of overtime, with the concurrence of the Personnel Office, occasional compensatory time off may be allowed.

Employees and workers in positions classified in Grade XII through I are eligible for overtime compensation by overtime premium pay, straight time pay or compensatory time off.

Arts & Sciences vs Engineering Football Challenge Cup Match



This annual game is now traditional. The score during the past 39 years stands at 20 matches won by Arts and Sciences, 13 won by Engineering and six tied. Arts and Sciences have scored 88 goals, against 67 for Engineering. As usual the two Faculties paraded before the match last Saturday with victory slogans and challenges. The Engineers dressed up a number of children aged 10-11 years with the colors of their opponents and marched them in their parade as a sign of opposing weakness and immaturity, while Arts and Sciences carried a coffin signifying a dead opposition. The parades included drums and trumpets while players lined up with the referee

to salute the spectators before the heated match which started sharp on time at 2:30 pm. The first goal of Arts and Sciences was made by Abdul-Majid Buraysh at 2:35 pm, followed by a second by Darioush Rassi at 4:00 pm. A third goal was made by Abdur-Rahman Munasser at 4:20, and the fourth by Samir Harmoush at 4:30pm.

Cheering and drumming prevailed. When the referee whistled to announce that the game was over, Arts and Sciences and their supporters rushed towards the grandstand to receive the victory cup from President S.B. Kirkwood and the congratulations of the Deans.

Prof. R. Tannous Attends Food Symposium

Professor Raja Tannous, Associate Professor of Food Technology and Nutrition attended last August in Hamburg, Germany, the symposium on « The Contribution of Chemistry to Food Supplies » sponsored jointly by the International Unions of Pure and Applied Chemistry and of Food Science and Technology. The symposium was attended by a selected group of food scientists from several countries. It was interesting to note that during the reception offered at the symposium, all foods offered contained items which consisted of soybean protein, and only in few cases, the

soybean taste could be detected.

Professor Tannous also went to Lund in Sweden, and visited the Alfa-Laval assembly plant where the Food Technology Department at AUB is buying a «Centri-Therm». This unique fruit juice concentrating equipment will be used in the apple juice research project supported by a grant from the Lebanese National Council for Scientific Research. In both functions, Professor Tannous was accompanied by the late Dr. Amin Sherif of the Lebanese National Council for Scientific Research.

AUB Professors and Staff Donate LL 45,000 to Syrian Red Crescent

The ad-hoc committee, formed to collect contributions from the AUB faculty and staff as a testimony of their moral and material support of the recent Arab struggle and to help meet rising relief needs, wishes to report that the total sum contributed was LL. 41,109 and \$1,510 or a total of LL. 44,884.

This amount is below the target of LL. 50,000 which the committee had set, as many of the faculty and staff had already contributed — some more than once — to other organizations and funds for the same purpose.

The committee's appeal went to all

members of the faculty and staff without distinction of nationality and was responded to in the same spirit of sharing and collective concern.

The total sum collected was presented to the Syrian Red Crescent. A check to that amount was delivered last week in Damascus, on behalf of the AUB faculty and staff, to the President of the Syrian Red Crescent by a delegation composed of Mr. F.A. Fuleihan and Professors F. al-Haj, R. Iliya, A. Iskandar, T. Khalidi, K. Salibi and C.K. Zurayk.

The President of the Syrian Red Crescent, Dr. Shawkat al-Shatti, warm-

ly welcomed the members of the delegation and asked them to communicate to the whole faculty and staff of AUB the deep appreciation of his organization and of those whom it seeks to help for this significant material and moral assistance.

Members of the delegation called as well on Dr. Abd al-Razzak Kaddourah, President of the University of Damascus, who welcomed them and expressed the hope that the bonds between the two universities will be further strengthened by mutual visits and continued cooperation in the common tasks of higher education.

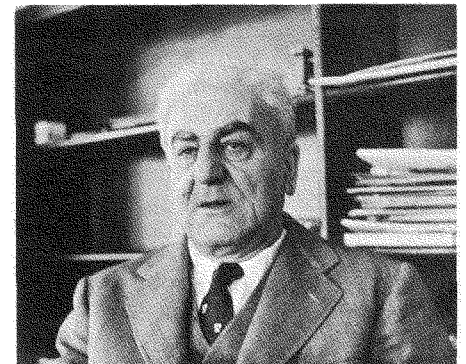
Distinguished Professor Charles Malik Writes 20,000 Word Article on Diplomacy For Encyclopaedia Britannica

The 1973 new edition of the Encyclopaedia Britannica contains a 20-thousand word article on *DIPLOMACY* by Dr. Charles Malik. Dr. Malik examines in some detail the nature and functions of diplomacy, the idealistic and realistic theories of the diplomatic act, the foreign ministry and the foreign service, ritual and language, and types of diplomacy and of missions. The realism of Machiavelli is given a favorable interpretation.

In his extensive account of the history of diplomacy Dr. Malik covers the diplomatic practices of primitive peoples, Ancient Asia, ancient Egypt, the Phoenicians, ancient Greece, Rome, Byzantium, the mediaeval Arabs, the Renaissance, and modern times from Richelieu and Grotius to World War II. In post-World War II diplomacy

he treats such novel features as summit diplomacy, the diplomacy of the United Nations and of international conferences, bipolarism and multipolarism, the diplomacy of nationalism, ideology, and development, diplomacy under the restraining reign of « the balance of terror, » and diplomacy in relation to revolution and internal subversion.

On the topic of the future of diplomacy, with which he concludes his essay, Dr. Malik deals with such themes as the character and prospects of the world nation-state system, the dialectic between nationalism and internationalism, between the fate of nations and the fate of whole cultures and civilizations, between pluralism and uniformism, and between open and closed societies. Finally he sets



Dr. Charles Malik

forth the five new imperatives which all future diplomacy must resign itself to live under. A bibliography of more than fifty titles, each with a brief evaluative remark, is appended at the end.

AUB BULLETIN

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.

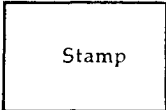
Director of Information and Responsible editor:

Redwan Mawlawi.

Editor: George Salhab.



Address
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AUB BULLETIN



VOLUME XVII No. 5

THURSDAY, DECEMBER 13, 1973

108th Founders' Day Convocation

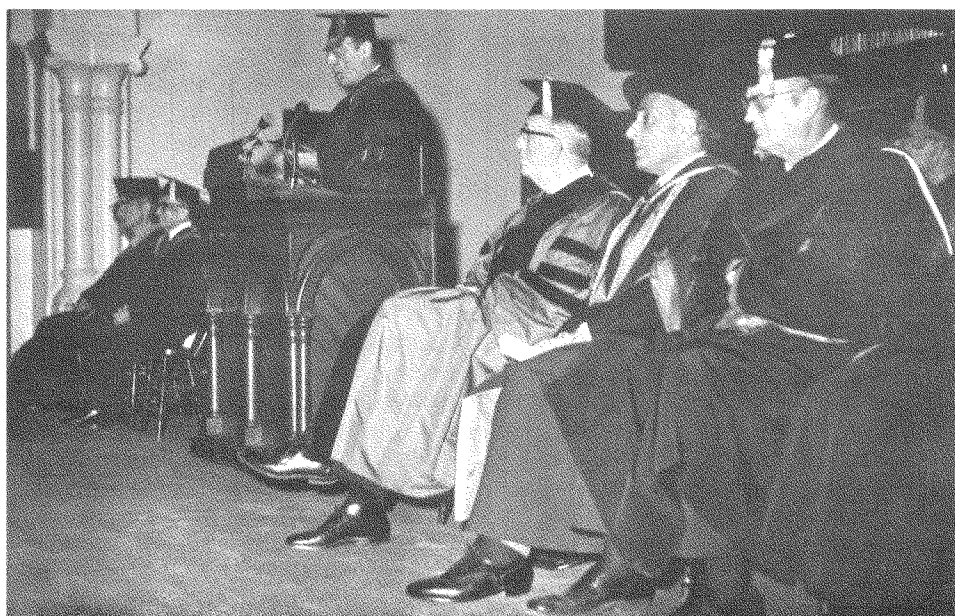
Founders' Day Convocation, the traditional ceremony which is annually held in deep gratitude to the men and women who founded this University 107 years ago, was celebrated on December 3 in the University Chapel in the presence of faculty members, students and alumni. The President of the AUB Alumni Association, Mr. Fawzi Malouf, and the President of the AUB Student Council, Mr. Mohammad Matar also attended.

The ceremony commemorated the opening on December 3, 1866, of the very first class of the Syrian Protestant College which began with 16 students and a teaching staff of eight.

Preceded by the Marshal, Professor Ramzi Khalidy, President Samuel B. Kirkwood and Deans and Professors entered the Chapel in formal academic garb to the organ tunes of the Processional which was played by Professor S. Arnita.

The ceremony began with the Invocation offered by the University Chaplain, Professor R. Walker. The President, Dr. S.B. Kirkwood followed. He spoke of Founders' Day and introduced Dr. Albert Badre who delivered the traditional address. Passages from the President's speech appear below. The full text of the Convocation address given by Dr. Badre is reproduced on pages 4 and 5.

Before asking the congregation to stand for the Alma Mater, President Kirkwood thanked Dr. Badre saying: Yours was a message of vision and challenge worthy of our Founders.



Dr. Albert Y. Badre delivering his address

President Kirkwood: Change is the Life of A University

In the name of the American University of Beirut I welcome you to this Hall.

This is Founders' Day, a day on which we honor those whose concept was this university and whose effort established it.

I am sure as they met at the first class of the new college on Dec. 3, 1866, they could not foresee the structure their school would take as the years went by. From a greater vantage point of time we, now, can hardly guess at the form of AUB of 2066. A university is a growing thing and change is its life. But the vision they had — those men who founded this university — has carried through a century and is still strong.

That vision itself was founded in beliefs so fundamental that it will stand as a guide for all time. The concepts of service, tolerance and selfless dedication will last forever. This is a day and time to remind ourselves that we are the heirs of those men, responsible to the present — and the future — for what they gave us.

See pages 4 and 5 for Dr. Badre's address

President Seeks New Funds For Predicted Deficit

The President of the American University of Beirut, Dr. Samuel B. Kirkwood has announced that the AUB Board of Trustees took special note of the increase in gifts to the University received from donors in the

Middle East. He added that the support of corporations as well as AUB Alumni and friends in the region is most encouraging.

President Kirkwood also announced
(cont'd on p. 7)

Women's Association Christmas Program For AUB Children

The AUB Women's Association will be holding its annual Christmas Party for AUB's children on Tuesday, December 18th, and has prepared an interesting program for this occasion. Parents are requested to bring at 5:00 pm their children who are under ten to the meeting place near the Main Gate where President Samuel B. Kirkwood will switch on the bright Christmas lights of the tall evergreen before they proceed to the Chapel to enjoy Christmas carols by the ACS Choir and meet Santa Claus. This invitation is for AUB children.

The program also includes a short play by the Salesian School.

The Association requests each family to bring a gift not exceeding LL 5 in value for a less fortunate child.

All ladies who wish to become members of the Association are invited to contact :

Mrs. Hilda Chehire : 302343

Mrs. May Aboushakra : 304415

25th Annual Christmas Musicale

The Department of Fine and Performing Arts presents its twenty-fifth annual CHRISTMAS MUSICALE on Sunday, December 16, at 5:15 p.m. in the Assembly Hall.

The University Choir and Soloists (68 members) with orchestra and organ (30 musicians) conducted by Professor S. Arnita will perform excerpts from HANDEL's MESSIAH and works by Bach, Torelli and Arnita.

Tickets at LL 5, 3 and 2 on sale at West Hall Office and at Khayat's Library, Rue Bliss.

Net proceeds will go to the Fine and Performing Arts Student Scholarship Fund.

Science Exhibit

TUESDAY - FRIDAY, Dec. 11 - 14,
(All day long)
FIFTH SCIENCE CONFERENCE and
EXHIBIT
West Hall — (All halls)
By Invitation

Fire

Three small fires have recently occurred on campus, one in a dormitory and two outdoors. The cause of the first fire was a small match-stick thrown near a flammable partition. The causes of the second and third fires could not be determined but are believed to be either cigarettes or match-sticks. These have been unintentionally thrown on dry rubbish and plants in the first case, and into a litter box in the second case. Had it not been for the help that arrived as a result of reporting the fire by calling extension 33733, all these fires could have grown and caused extensive damage.

In order to help prevent fires all members of the AUB community are asked to :

1. Make sure that cigarettes and matches are put out before they are discarded.

2. Avoid throwing matches and cigarettes into wastepaper baskets or litter boxes or on dry rubbish and plants.

3. Assist in keeping the campus clean by disposing of papers in the proper litter boxes.

In case of fire :

i. Report the fire at once by calling extension 33733.

ii. Follow the « In Case of Fire » procedures that are found on the inside cover of the telephone directory.



In Case of Fire

1. **REMAIN CALM — DO NOT SHOUT « FIRE ».**
2. **GIVE ALARM — DIAL 33733 AND TELL OPERATOR EXACT LOCATION OF FIRE.**
3. **REMOVE PATIENTS AND PERSONNEL WHO MAY BE IN IMMEDIATE DANGER.**
4. **CLOSE DOORS AND WINDOWS TO ISOLATE FIRE AND SMOKE FROM REST OF BUILDING.**
5. **FIGHT THE FIRE.**
6. **BEIRUT FIRE BRIGADE WILL TAKE CHARGE UPON ARRIVAL.**
7. **IF FIRE GETS OUT OF CONTROL OR IF SMOKE MAKES THE AREA UNTENABLE, THE SENIOR PERSON PRESENT IS TO GIVE ORDERS TO EVACUATE THE AREA.**

Staff Education - Second Semester

The Director of Personnel has released the following information regarding personnel who wish to take courses at AUB during the second semester of 1973-1974 :

1. Subject to the approval of the department concerned, full-time Academic and Non-Academic Personnel will be allowed to take a maximum of six clock (not credit) hours per week during the academic year (October to June) of which not more than three clock hours can be taken during regular office hours.

During the Summer Session, personnel in departments that do not follow the summer schedule will be entitled to the same arrangements followed during the academic year. Personnel in departments that follow the summer schedule, however, will be allowed a maximum of five clock (not credit) hours per week provided all

these hours fall outside the regular office hours.

2. Full-time personnel taking courses that fall during the regular office hours will be required to work an equal amount of time outside the regular working hours.

3. Approval in writing must be submitted to the Personnel Office by the responsible Dean or Administrative Department Head before a full-time personnel is allowed to take courses for credit or to audit courses.

The responsibility of ensuring that the application is properly signed and submitted to the Personnel Office not later than January 25, 1974, rests with the individual concerned rather than the Dean or Administrative Department Head. Personnel who submit applications after January 25, 1974 will not be granted reduction in the tuition fees.

New Faculty Members on One Year Contracts

The Bulletin has already published the names and academic background of twenty out of a total of twenty seven new faculty members who joined the University at the start of this academic year. The academic background of the remaining seven appears below.

— Dr. Paul Mourani, Lecturer in Economics, is an alumnus (BA Economics, 1964).

Professor Mourani was Assistant Professor at St. Cloud College, Minnesota and at St. Joseph College, Indiana, following a Ph.D. in Economics from Indiana University (1968). Professor and Mrs. (Priscilla) Mourani are living on Gouraud St.

— Dr. Musa Nazer, Visiting Professor of Chemistry has recently been teaching at the University of Jordan. An alumnus of AUB (BS Chemistry, 1958, M.Sc. Organic Chemistry, 1960) he obtained a Ph.D. in Organic Chemistry from Harvard University in 1964.

The Jordanian Ministry of Education has asked Professor Nazer to write a high school science textbook to be published soon. Professor and Mrs. (Waffyah) Nazer are living on Ardati St.

— Mr. Norman Najimy, Instructor in the University Orientation Program studied at Worcester State College (BS in Education, 1951), North Adams State College (M. Ed., 1954), Yale University (American Studies) State University of New York (English, 1962), and the University of Massachusetts (English, 1969). Mr. Najimy is a member of the Massachusetts Teachers Association, Pittsfield Teachers Association (past president), National Education Association, National Council of Teachers of English and Massachu-

setts Council of Teachers of English (charter member, founder). He has published two articles in professional journals. Mr. and Mrs. (Jacqueline) Najimy have three children.

— Mr. John Salamack, previous Peace Corps Teacher Consultant (Iran 1968-70) and Training Director (Morocco 1971-72) has joined the faculty of the University Orientation Program as Instructor. Mr. Salamack has a BS in Business from Clarkson College (1961).

— Mr. Paul Stevens, Assistant Professor in Economics obtained his BA (1968) in Economics Tripos from Clare College, Cambridge and his MA (1970) from the University of Manchester, School of Oriental and African Studies, Near and Middle East. Currently working on his Ph.D., Mr. Stevens' interest is in Middle East oil (1952-1972) and its impact on economic development. Mr. Stevens is married to Eileen Thomas.

— Dr. Albert Stewart, Visiting Professor in Cultural Studies, attended Antioch College (Physics 1942), Johns Hopkins (Ph.D. Physics, 1948), Princeton (Ford Fellow, Physics 1951-52) and the University of Virginia (Postdoctoral Physics 1956-57). He has published 19 books on the various sciences and physics and has one book in preparation. Professor and Mrs. Stewart have three daughters and a son.

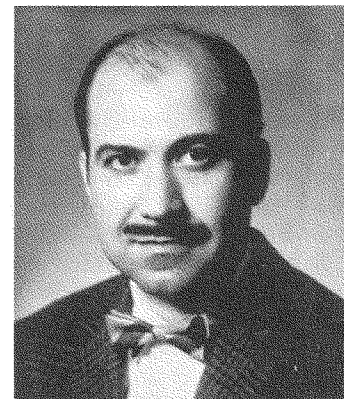
— Mr. Gregory Strick, Instructor in the University Orientation Program received his BA in Government from the University of Notre Dame (1968) and an MA in Arab Linguistics from the University of Utah. He is preparing a second MA in Education TEFL at AUB. Mr. and Mrs. (Tourandokht) Strick are living in the Snoubra Quarter of Beirut.

Exhibition Based on Change in Suburbia

A unique and topical exhibition is on display in the art gallery in the basement of Jafet Library. The exhibition is based on the book « From Village to Suburb » by Professor Fuad Khuri, an anthropological study of change in the Beirut suburbs of Chiyah and Ghobeiré. The exhibition of photographs by Prof. Peter Harrison Smith, and text by Professor Khuri,

is meant to explore visually some of the prominent characteristics of these two distinct suburbs. The exhibition, which opened this week will continue through January. It is part of the continuing program of the art gallery presented by the Department of Fine and Performing Arts. The current exhibit has been organized by Professor Smith.

Prof. I. Kafescioglu on Evolutionary Rate of Species



Professor Ismail A. Kafescioglu of the AUB Department of Geology has co-authored chapter 6 of a symposium volume entitled « Models in Paleobiology ». This chapter, headed « Models for the Evolution of Planktonic Foraminifera » discusses the confirmation of the fact that the average evolutionary rate of species is independent of geographic latitude. This confirmation has been made possible by a model which was developed and tested by Professor Kafescioglu and the other two co-authors, Professors F.G. Stehli and R.G. Douglas of Case Western Reserve University, Cleveland, Ohio.

A list of 13 contributing scientists shows that AUB and the University of Oxford, England, were the only overseas contributors to the above symposium.

In introducing this chapter, the editor of the symposium volume says: « The authors show beautifully the steps in constructing an argument : the explicit enumeration of the model, the test, and adjustment in the model. In this respect, this paper could well serve as a guide for students. »

Anniversary Celebration

THURSDAY, Dec. 20 — 8:30 p.m.
ANNIVERSARY CELEBRATION of
the WRITER ARAM HAIGOZ
(Armenian Community)
Assembly Hall

Concert

FRIDAY, Dec. 28 — 8:30 p.m.
ORCHESTRAL CONCERT
(National Conservatoire of Music
Orchestra)
Assembly Hall
(Entrance Free)

Address Delivered By Dr. Albert

When my father enrolled as a student in this institution, known in those days as the Syrian Protestant College, the College had not yet completed the first quarter of a century of its existence. My father graduated four years later. Exactly forty years after his graduation, I graduated from the same institution which had then become known as the American University of Beirut. Next year will be exactly forty years since I graduated and it will be the year when my daughter, now a student here, will graduate from AUB

ONENESS OF PURPOSE

Throughout these long and eventful years in which this country moved from Ottoman rule to the Mutasarifiyah regime of international guardianship, to the mandate, to independence; throughout these long and eventful years in which two global wars were fought, in which millions fell and millions more were rendered homeless with what to the shame of humanity seems like international abandon and international indifference to the massive evisceration of human communities; throughout these long and eventful years when the Arab peoples began to awaken from centuries of political slumber to a consciousness of an emerging identity, to a realization of the necessity of self-assertion, to the bitterness of struggle against international forces of greed and injustice, to the fight for cultural survival against forces of international aggression that threaten their very destiny; throughout these long and eventful years, the Syrian Protestant College, renamed the American University of Beirut, served this country and this region sometimes in poised articulation, sometimes in eloquent silence, but always with a oneness of purpose, with steadfast devotion to the promotion of science, to the fostering of scholarly traits: the quest for learning, the zeal for finding, the courage for declaring, the humbleness for retracting.

SUCCESSION OF GENERATIONS

On this memorial day when we gather here to reflect upon the history and heritage of our Alma Mater and to pay tribute to its founders for their vision, for their faith in God, for their love of humanity, for their selfless labor the fruits of which my father and your fathers, I and you, my

daughter and your children have reaped and are reaping; on this day of memory and thought, somehow I cannot help asking: who really are the founders?

Is it Daniel Bliss? Is it the early faculty — Van Dyck, Warthabet, West, Dumit...? Is it the early students, Nimr, Sarruf, Faris Khoury? Or is it not more real to recognize as founders the whole succession of generations from Daniel Bliss to Samuel Kirkwood, from the early faculty to those of you sitting up here, from the early students to those of you sitting down there? A university is not founded on a day; it is founded every day. Action taken every day is laying a foundation for the days ahead.

FINANCES

Today we are at a perilous juncture in the history of higher education. During the last four or five years — only four or five years — people in many parts of the world have suddenly turned to take a hard and critical look at the university. Universities were thus forced to take a hard look at themselves — to redefine their objectives, to review their values, to re-chart their programs. That traditional security belt with which for decades and decades society had enveloped universities, was suddenly turned into a noose. The level of accountability required of universities suddenly rose to unprecedented heights. This applied to private as well as public institutions. Both had to do a good deal of more rigorous explaining, the one to donors, the other to taxpayers, and both to the community at large. Finances of higher education suddenly shrank, or at best their rate of expansion declined.

The significant departure which occurred in these recent years and is continuing to spread in many parts of the world is the penetration of university walls from the outside and the focusing of public attention on its internal operations in critical appraisal. When the public — business or government — appraises, it is natural for it to use the only criterion it knows, namely efficiency, managerial efficiency. 'Is the operation efficient' has become the paramount question hanging over universities. Neither business nor government wish to subsidize an operation which is not efficient.

Questions derived from business experience and ushering in new terms in higher education hover over universities these days: what is your long-range plan; whom are you serving; what are your objectives; what targets are you aiming at in a specified time-horizon; what are your methods of implementation; who are your students; do you know their needs; what is your environment; are your programs relevant to environment and student needs; are they flexible; are they dynamic?

Terms like input, feedback, communication, coordination, sub-sets, programming, systems analysis, sophisticated reading, public relations, development offices, institutional research, all derivative from the concept of managerial efficiency, have gained amazing and perhaps disturbing currency in the sphere of higher education. On these trends one cannot easily turn one's back or treat them cavalierly when what is at stake is one's very survival.

HARSH DICTUM

A quotation from the September Bulletin for Colleges and Universities is very revealing in the succinct harsh dictum it makes: « The most imaginative, sophisticated alumni, public relations and development programs will be fruitless until your institution has balanced its budget, defined its distinctive goals, achieved a true understanding of its students and reformed its curriculum to meet today's need (*Bulletin on Public Relations and Development for Colleges and Universities*, September, 1973, p. 4.)

This brief statement has far-reaching implications. Defining distinctive goals implies the existence of a variety of goals for higher education, not all of which are sought with the same emphasis or the same intensity by all universities. The goals of one university may differ considerably from those of another and must thus be clearly defined.

The phrase: « a true understanding of its students » implies that these goals cannot be properly set in isolation from the students and without a secure grasp of the students' background, their interests and future aspirations, or without their participation.

Badre on 108th Founders' Day

AGENT OF CHANGE

Again, the phrase : « reform its curriculum to meet today's needs » implies that the curriculum must be relevant to the community served by the university, and that relevance today may become irrelevance tomorrow. Thus, a university must be constantly ready to change. There is still another subtle implication, namely, that it is not sufficient for the university to be ready to change in response to changes in its social milieu, but must become itself an agent of change.

This is a pronouncement easily made but very difficult to implement. Any significant change means in essence a change in values, social, political and cultural values. Values are very resistant to change; if change occurs, not infrequently it comes in the wake of a moral rebellion or a widespread dissent. The university as an institution has not been historically very tolerant of wide dissent to say nothing about fostering it. In a recent statement, Kenneth W. Johnson asserts that the question of value is the most important and the most difficult question facing higher education today. He goes on to say, « ...parents and the community as a whole have expected the university to *teach* values but not to *change* values. And, in general, this is until very recent times what the university has done. » (Kenneth W. Johnson, *The Research Reporter*, Vol. VII, No. 2, 1973, p. 3).

CREATIVE DISSENT

Times have changed. The real difference now is that universities are being called on to become effective agents in the change of society values. In a recent publication, Sir Eric Ashby from Cambridge University said, «One of the university's intellectual purposes is to carry it from the uncritical acceptance of orthodoxy to creative dissent over the values and standards of society. (Sir Eric Ashby, *The Structure of Higher Education : A World View*. International Council for Educational Development, New York, 1973, p. 17).

As one reflects upon the course of development of higher education, one cannot help recognizing that we have come a long long way from Newman's *Idea of a University*. What is expected of a university today differs substantially from what was expected of it in my student or early faculty days. In

a recent publication by the prestigious Carnegie Commission on Higher Education one comes across this significant statement : « Any society can atrophy and decline. The capacity of a society to assure its own self-renewal is a critical test of it. Higher education has a part to play in the passing of this test (by the society in question.) » (The Carnegie Commission on Higher Education, *The Purposes and the Performance of Higher Education in the United States*. McGraw-Hill Book Company, New York, June 1973, p. 43).

In other words it is expected of universities to relate intimately and organically to the communities they serve, and to protect, rear and cherish in individual professors and students the powers of critical appraisal of the values of their society, and the liberty to dissent from orthodoxy. This is no longer just the privilege of a university; it becomes rather its role and mission.

DILEMMA

Because of this new expectation, a university is placed before a dilemma with regard to those who seek higher education, and those who give financial support to higher education, be the former students or faculty and be the latter taxpayers, legislators, and government executives for the public university, or parents, alumni and individual donors for the private university.

Now that the university is dragged out of its placid ivory tower and plunged, so to speak, into the seething market place, the differences in the appraisal of traditions, the differences in loyalties to existing society values become sharper between students, faculty and other intellectuals on the one hand, and upholders of the existing order on the other. The latter, however, are the ones who usually hold the purse. These differences have always been there. In fact the dissent of the young and the intellectual have always contributed to the progress of society. It is, however, the recent pulling down of the university walls which has sharpened the confrontation and heightened the conflict.

CONVINCING ACADEMIC PROGRAMS

As a result the burden on universities has increased many fold. Now they must squeeze and economize to

meet imposed extraneous standards of efficiency. They must rearrange their academic sections, phase out some, merge others and present academic programs convincing to students, to all classes of donors private and public, and to the community at large. Gone are the days when faculty pronouncements on curricula went unchallenged.

In the world at large, we are on the threshold, in fact a few steps inside, a new era for universities. The situation in Lebanon and the Arab World is perhaps somewhat less than I have described, but if I read the markings correctly, we are moving here in the same direction.

NEW CHALLENGES

Far be it from me to pretend the competence to give advice to AUB with regard to its comportment in the face of these developments. All I can give it is my love, and that I give abundantly. But I know that throughout its glorious history this University went through several periods of hard days and sustained several crises. But through the wisdom and devotion of its various administrations, faculties, students and graduates, it overcame and continued its march of progress in the service of this part of the world.

I am confident that the challenges to which I referred this morning will be met by the AUB community — faculty, students and all — with wisdom and farsightedness that match even the wisdom and farsightedness of the University's early founders. I am confident that AUB will respond as it has always responded to the special challenge of its environment and will continue to foster and promote with diligence, with scholarly acumen, and with a sense of pride, the progress and welfare of Lebanon and the Arab World of which it is an inalienable part. I am confident that forty years from now, my daughter could address a group similar to this and say, «forty years ago I graduated from the American University of Beirut. In those forty years it has risen to such stature in the service of this region, in the service of true scholarship and science and in the service of humanity, that I feel very proud to belong to its community of graduates, as my father and my grandfather before me felt proud to have belonged.»

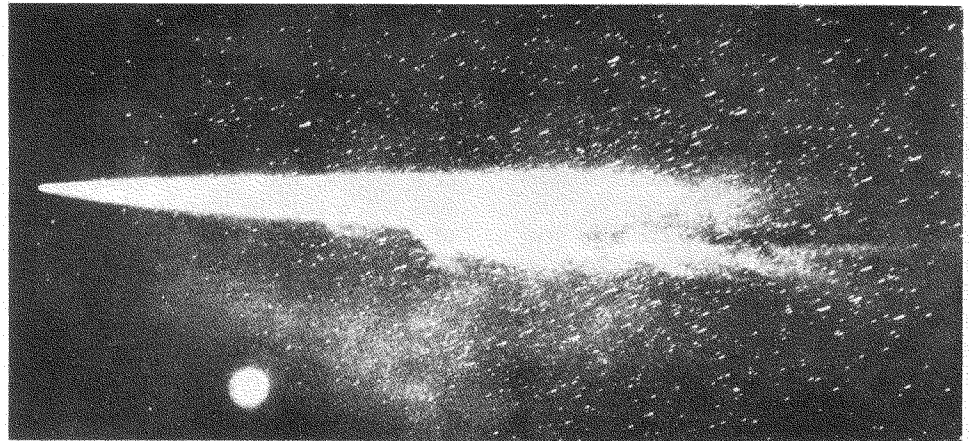
The Comet Kohoutek

The community's mounting interest in the imminent appearance of the comet Kohoutek, which is due to be visible to the naked eye soon after New Year's eve, has led Professor Frans Bruin, Director of the AUB Observatory to send the following information to the BULLETIN.

Comets have been seen and have attracted interest since the oldest times. The word *comet* is derived from the Greek *Cometes*, meaning hairy, as the tails of comets make them look like hairy stars. Originally comets were thought to occur in the terrestrial atmosphere, and it was only around 1600 AD that Tycho Brahe proved from observations that their orbits extend beyond the moon. Roughly every two years one comet can be seen with the naked eye, but most of these are weak. Only occasionally comets are so bright as to be visible in daylight.

Comets usually were considered to be bad omens. Of a bright comet which appeared in 372 BC Aristotle remarked that it had a tail extending over two thirds of the sky, and that it forecasted the decline of Sparta.

Best known among the bright comets is Halley's comet which returns every 76.03 years. Since 467 BC it has been seen thirty-two times, each time being considered as the portent of good or evil tidings. It appeared in April 1066 AD, when William the Conqueror invaded England. Halley's comet was last seen in 1910, and will appear again in 1986. Edmund Halley, a friend of Newton, derived the elements of the orbit of this comet, which was named after him, and predicted its recurrence for 1759. When it actually appeared this was rightfully seen as a great triumph of the celestial mechanics of Newton.



Halley's comet passing the planet Venus photographed in 1910

The orbits of all observed comets are very elongated ellipses, each being practically a parabola with the sun in its focus. Most, if not all, belong to our planetary system and are composed of the same material as the outer layers of the planets. There are about forty large comets with periods ranging from three to fifty years, and elliptic orbits extending from four to fifty Astronomical Units away from the sun (an Astronomical unit is the distance between the earth and the sun, about 150 million kilometers). Their occurrence is related to the early formation of our planetary system from a large cloud of gas and dust.

The head of a comet consists of a frozen mixture of molecules mixed with dust particles, a large snowball of dirty dry ice which has sublimated on it the gases of the cold parts of outer space. The tail is formed when these gases evaporate from the nucleus, or head, under radiation from the hot sun. The earth may pass through the tail without any affect. All light emitted by a comet origin-

ates from the sun. The head simply reflects the sunlight, as a planet does.

The comet Kohoutek was discovered on March 7, 1973, by the Czechoslovak astronomer Lubos Kohoutek, while working at the Hamburg observatory in Bergedorf, West Germany. From observations it is deduced that this new comet may have a head of about fifty kms across, and a tail as long and as bright as Halley's comet in 1910. A tail was seen to form in the last week of August. At noon of December 28 it will be at its perihelion distance of 0.14 Astronomical Units from the sun. It will be best visible to the naked eye a few days later, when it swings out of the sun's bright light. To enjoy its sight there is no need for a telescope. Soon after new year's eve one may see it after sunset at the western horizon, to the right of the sun, with its tail upward and towards the right (north). The head should be brighter than Venus or Jupiter and its tail should cover at least one sixth of the sky.

The comet Kohoutek will remain visible until the end of January.

In Recognition of Highest Attainment of Scholarship During 1972-1973

The following students have been placed on the Dean's Honor List of the School of Nursing for the year 1972-3.

BACHELOR OF SCIENCE IN NURSING PROGRAM

Class of 1973

Lina Kurdahi	85.19
Nuhad Bu-Raad	84.72

Class of 1974

Muna Kaidbey	80.43
Zakar Yayla	80.38

Class of 1975

Leda Zanoan	86.47
Hilda Baran	82.33
Sonia Poochikian	81.71

NURSING RIPLOMA PROGRAM

Class of 1973

Sossi Hamalian	87.50
Grace Dokouzlian	86.73
Madlen Mekhitarian	85.77
Lucy Artinian	85.77
Annie Manoukian	83.77

Class of 1974

Nayifa Rashid	86.87
Ahmad Ali	85.45
Alice Loshkhadjian	84.57
Maral Khatchadourian	83.28

Class of 1975

Artin Kurdian	82.46
Ahmad Sulayman	80.82

ADMINISTRATION AND TEACHING OF NURSING PROGRAM

Yaser Talhami	89.9
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Permanent Exhibition of Student Art Work

The Department of Fine and Performing Arts has installed a permanent exhibition of student art work in the faculty dining room in Ada Dodge Hall. The art work is meant to show the range of expression of AUB's student artists. All of the art displayed is from the printmaking

class. Five basic printmaking media are represented in the show, including lithography, serigraphy, relief printing, intaglio (including both etching and engraving), and photography. The exhibition has been organized by Professor Peter Harrison Smith.

Times Supplement Runs Features By Prof. J. M. Munro

The *Times Higher Education Supplement*, London, is currently running a series of features by Professor John M. Munro of the Department of English. The articles are of general interest to university educators, and include accounts of the higher educational systems of Lebanon and Syria; another on the Jordanian is

scheduled for the New Year. Other articles either published or in press, cover program-budgeting, « marginal academic producers », and the Islamic educational tradition. « Not So Far From Bethlehem », an account of Christmas at AUB is scheduled to appear in a special holiday number this month.

President Seeks New Funds For Predicted Deficit

(cont'd from p. 1)

that the University has recently received a new grant designated by an anonymous donor to match all gifts to AUB from the Western Hemisphere and from the US. The President asked members of the faculty to assist the University obtain a similar matching grant for the Middle East. President Kirkwood made these statements at meetings with the University Senate, the four Faculties and with senior administrative officers following his return from New York where he met last month with the Board of Trustees.

President Kirkwood explained that the financial report which was discussed by the Board showed that the University has been able to balance its budget for 1972-73 through stringent reduction of expenditures, postponement of equipment purchases and maintenance, and the freezing of personnel recruitment. Budget cuts of previous years, the President explained, will have to be maintained to ensure a balanced budget.

With regard to 1974-75, President Kirkwood predicted that the University will face a major deficit unless its revenues are increased. He expressed cautious optimism as the dollar continued to strengthen on world money markets. The President added that later, deficit budgets may be unavoidable when postponed expenditures are forced upon the University. Additional cuts, President Kirkwood said, do not appear to be feasible and all University departments are being asked to make every effort to increase

income so that the present academic program can be maintained.

President Kirkwood further explained that due to the anticipated deficit the Board of Trustees has reaffirmed the 10% increase in tuition income planned for 1974-75.

The President commented that the Board of Trustees was informed of the progress made in the search for a new Dean of the Faculty of Arts and Sciences in accordance with Faculty by-laws and the University Constitution. The Medical Committee of the Board received a report from the new Dean of the School of Medicine, Dr. Samuel Asper on his visits to AUB Medical alumni groups throughout the US. Many medical alumni expressed interest in giving to the financial support of the University and in assisting with recruiting for the Medical Sciences.

The Board of Trustees noted success in raising funds for the School of Pharmacy as initial reports on this appeal were received. More funds are needed but it was agreed to accept new pharmacy students for the next year rather than a phase out of the program in 1974 as was earlier considered.

As for the School of Public Health, President Kirkwood noted that two major grants now under consideration will greatly help in financing the school, and that for the moment plans to merge the School of Public Health with the School of Medicine in a preventative medicine training program have been suspended.

Byron Porter Smith Lecture Series

The Department of English and the Division of Extension and Special Programs have released the 1973-1974 schedule for the above series.

The inaugural lecture was given late in November by Professor Bernard Blackstone who spoke of «Dr. Johnson and Lord Byron». The second lecture, «The Short Stories of D.H. Lawrence», was given last week by Professor Suheil B. Bushrui.

The remaining lectures in this series are scheduled to be given at 7:30 pm (Lecture Room — West Hall) on the following dates :

December 13, 1973, Prof. M. Hallab :

The East in Nineteenth-Century American Literature

January 10, 1974, Prof. J.M. Munro :

English at the American University of Beirut : The Early Years

January 24, Prof. G. Khairallah :

The Archetypes of Literature

February 28, Mr. P. Gotch (Guest Lecturer) :

A Girdle Around the Earth : Shakespeare's Universality

March 14, Mr. G. Taylor :

The Comic Muse : Humour in the Contemporary English Novel

March 28, Prof. B. Alsleben :

Robert Frost's Reception in Germany

April 18, Prof. A. Melikian :

Byron : Some Thoughts on His One Hundred and Fiftieth Anniversary

May 9, Prof. D. Browne :

International Broadcasting : A Glimpse at Oral Styles

May 23, Prof. J. D'Amico :

Sidney and Shelley : In Defence of Poetry

Byron Porter Smith (1889-1957) was Professor of English and Chairman of the Department of English at AUB from 1920 until 1953. This lecture series is dedicated to the memory of Professor Smith in appreciation of his distinguished services to his students, the University, the Department of English and the peoples of the Middle East.

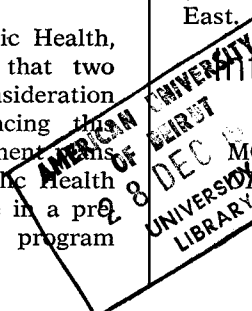
International Organ Concert Series

MONDAY, Dec. 17 — 8:30 p.m.

INTERNATIONAL ORGAN CONCERT by ANDRE MARCHAL

Assembly Hall

Tickets : LL 20, 15, 10 & 5



AUB Fund Chairman Named

President Samuel B. Kirkwood announced last month the appointment of Dr. Alfred Diab as Middle East Chairman of the 1973-4 Annual Fund Appeal. The appointment was made in cooperation with the AUB Alumni Association.

Dr. Diab is well known to alumni and friends of AUB having been associated with the University for 45 years, first as a student (he graduated with an M.D. in 1932), then as a member of the Faculty of Medical Sciences, and most recently as Chief of Staff of the AUB Hospital. On June 30, 1973 Dr. Diab retired as Professor of Otolaryn-

gology and Ophthalmology having completed 40 years on the AUB Faculty.

As Middle East Chairman of the AUB Annual Fund Dr. Diab will be contacting the alumni and friends of the University to enlist their financial support for the University program. Dr. Diab has declared that increasing demands for university graduates, and the rising costs of higher education, require that all of us make some sacrifice so that future generations may have the opportunity to study and use knowledge for the benefit and growth of the people of this region.

Dr. Ph. Salem President of Lebanese Cancer Society

The Lebanese Cancer Society elected late last month its new cabinet with Dr. Philip Salem as president. The newly elected president who is an assistant professor of medicine and director of the cancer program at the American University Hospital succeeds Dr. Yervant Jidejian, former professor of surgery at AUB. Dr. Salem was also recently appointed member of the World Health Organization Expert Committee on Cancer.

The new cabinet includes Dr. Edgar Gedeon as vice president; Dr. Latifeh Ghandour as secretary general; Dr.

Da'ad Gholmieh as treasurer and Drs. Emile Brihi, Kamal Bikhazi, Nabila Wahbeh, Richard Saliba and Najib Taleb as members.

The Lebanese Cancer Society is an official organization whose primary objective is the prevention and control of cancer in Lebanon.

The new president has declared that he hopes more Lebanese physicians will devote their interest to the fight against cancer. Dr. Salem also believes that more government and private efforts can be exerted for the control of cancer in Lebanon.

Christmas Vacation

The Christmas vacation will begin on Saturday, December 22,

1:00 pm, and end on Monday, January 7, 8:00 am.

Christmas, New Year, Al-Adha

It is announced that the following days will be recognized as holidays for Non-Academic Personnel :

Christmas

Monday, December 24, 1973

Tuesday, December 25, 1973

New Year

Tuesday, January 1, 1974

Al-Adha

The first day of the feast. Most likely the first day of Al-Adha will be on Wednesday, January 2, 1974.

On the occasion of the coming holidays of Christmas, New Year and Al-Adha, the BULLETIN extends its warmest greetings and best wishes to its readers and the AUB community.

AUH Receives LL 5,000 From Bargain Box

Mrs. Peggy Balmain, President of the AUH Bargain Box Committee presented late in October a gift of LL 5,000 to be used by the American University Hospital in connection with the recent Arab-Israeli war.

As a number of medical students and residents had participated in a program organized by the AUB Medical Student Society which required over LL 40,000 worth of medical supplies, this donation was used to defray some of their cost.

The Director of AUH, Mr. David Egee has thanked Mrs. Balmain and the Bargain Box Committee for their generous gift, and particularly for the spirit in which it was given, and informed them that this donation is matched by the University.

AUB BULLETIN

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.

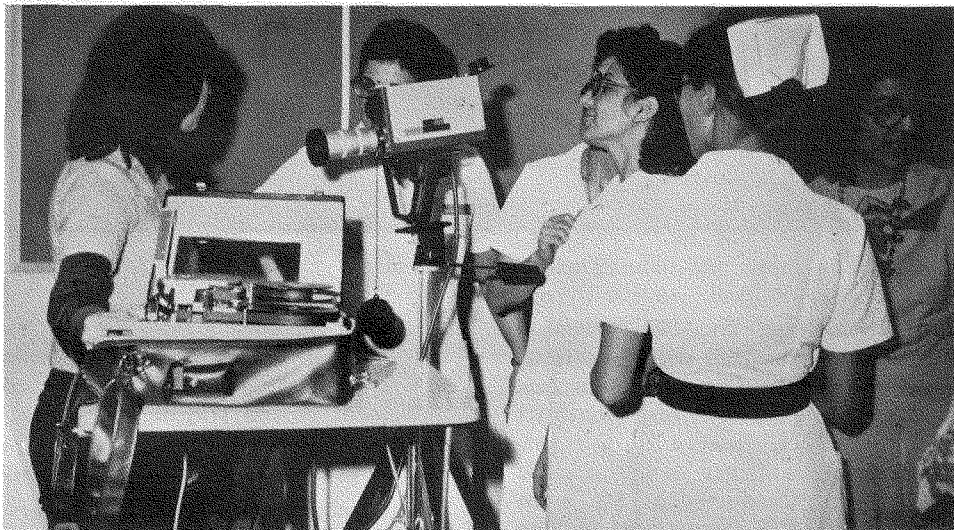


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Audio Visual Center Opened At School of Nursing



Center facilities

The AUB School of Nursing opened last month its audio-visual center, The Helene Fuld Audio-Visual Center, for its men and women nursing students. The first of its kind in the area, this center was made possible through a \$22,000 grant from The Helene Fuld Health Trust in the US whose chief aim is to provide for the health, education and welfare of student nurses, and which has been making generous donations to schools of nursing in USA and abroad.

The key objective of the Center's potential (Studio 56, Independent Study Center, A-V Library, Production Room) is to promote the teaching-learning process through the media of modern educational technology.

Various facilities are provided by the Center. They include program production which enables faculty to create, direct and assemble effective instructional material on videotape, cassette, transparencies and slides. Instructors fill into cassettes anything

they want to illustrate to students — such as play activity for normal hospitalized children. Live play-back facilities are also provided to help students revise and evaluate their behavior and performance for their personal development.

Facilities provide as well the live presentation of conference debates, a closed circuit TV for the classroom, audio-visual programs which students can review on their own initiative and in their own time, and the ready availability of audio-visual aids to faculty and students.

The Center can produce its own instructional films, and one of the Center's facilities, Studio 56, has videotape recorders for taping educational programs which can be channelled to classrooms.

All copies of tapes are sent to the TV network of The Helene Fuld Health Trust in the US. Current information on nursing development is also provided by the Center to students and nurse practitioners in the Middle East.

50% of Research Papers at Fifth Science Meeting Came From AUB

The University was last month host to the Lebanese Association for the Advancement of Science (LAAS) Fifth Science Meeting. This meeting, held in West Hall on December 11-14, under the auspices of His Excellency the President of the Republic, highlighted the activities of the association during the past year and enabled scientists and researchers from Lebanon and other Arab countries to present original research undertaken in the area. It embodied 180 research papers and created the proper atmosphere for exchanging information among scientists in the related fields.

The meeting also included an exhibit of scientific instruments produced by major firms. This exhibit was the first and only exhibit of its kind to be collectively produced and executed in this region.

The opening address was delivered by the Minister of Education, Mr. Edmond Rizk who highly praised AUB's services over more than a century. AUB's welcoming address was presented by Provost Samir K. Thabet, who was followed by Dr. Joseph Naffa'a, Secretary General of the Lebanese National Council for Scientific Research, and Professor S. Abu-Shakra, Secretary General of LAAS and Associate Professor at AUB. The major address of the meeting was delivered by Dr. Zakaria I. Sabri, President of Nutrition Research Consultants Limited of Canada, whose theme was « Nutrition Consequences of Shifting Patterns of World Food Production ».

Dr. Sabry who is a leading researcher in the field of nutrition is a Canadian citizen of Egyptian background. In 1957 Dr. Sabry came to AUB where he was instrumental in

cont'd on p. 4

University Chapel Services

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge of Dodge Hall.

MATHEMATICS COLLOQUIUM

The third meeting of 1973-74 will be as follows :

Speaker : Professor Azmi Hanna

Title : « The Generalized Eilenberg-Zilber Theorem ».

Date : Thursday, January 10, 1974

3:30 p.m. Tea

4:00 p.m. Paper

Place : Room 116 Bliss

Organ Concert

FRIDAY, Jan. 11 — 8:30 p.m.

ORGAN CONCERT — WILHELM
KRUMBACH

(Germany)

(International Organ Concert Series)

Assembly Hall — AUB

Tickets : L.L. 15, 10, 7 & 5

Duo Recital

A violin and piano duo recital by Mr. Nejmi Succari and Miss Diana Taky Deen will be given next Monday, January 14, at 8:30 pm in the Assembly Hall. It is sponsored jointly by the AUB Department of Fine and Performing Arts and Les Jeunesses Musicales du Liban, and the program includes works by Beethoven, Brahms and Franck.

Tickets are on sale at West Hall.

Byron Porter Smith Lecture Series

The following two lectures in this series are scheduled to be given at 7:30 pm (Lecture Room — West Hall) :

January 10, 1974, Prof. J.M. Munro :

English at the American University of Beirut : The Early Years

January 24, Prof. G. Khairallah :

The Archetypes of Literature

Beirut Community Orchestra



The BCO Rehearsing

Beirut now has an AUB sponsored symphony orchestra (fifty persons) called the Beirut Community Orchestra. The BCO gave early last month its first public performance to a standing-room-only audience of enthusiastic music lovers. Conducted by Mr. Allen Hovey of the AUB Department of Fine and Performing Arts, the orchestra played Schubert's « Unfinished » Symphony, Weber's *Der Freischutz* Over-

ture and Haydn's Symphony No. 95. Cellist Eliane Magnan played the solo in the trio section of the *Menuetto* movement of the Haydn and the orchestra responded to the call for a repeat of this delightful piece. The BCO is planning to continue rehearsals for a second concert. Interested musicians should contact Mr. Hovey for more information.

First Semester Extended

The Office of the Registrar has announced that at its meeting of January 4, 1974, the Senate decided to extend the first semester. The calendar for the remaining academic year will be as follows :

FIRST SEMESTER

Classes end	Thursday, January 31	10:00 p.m.
Reading Period	Friday, February 1 - Thursday, February 7.	
Examinations begin	Friday, February 8	8:00 a.m.
Examinations end	Saturday, February 16	10:00 p.m.

SECOND SEMESTER

Classes begin	Monday, February 18	8:00 a.m.
Classes end	Saturday, June 8	12:00 noon
Reading Period	Monday, June 10 - Friday, June 14.	
Examinations begin	Saturday, June 15	8:00 a.m.
Examinations end	Saturday, June 22	10:00 p.m.
Baccalaureate	Sunday, June 30	10:00 a.m.
Commencement	Sunday, June 30	6:00 p.m.

Area Lectures Series

The last lecture in the above series was delivered last month by President Samuel B. Kirkwood who spoke of AUB's educational history and message since its foundation more than one hundred years ago.

This series of eight lectures on Arab and Middle Eastern affairs was arranged at the start of the academic year for the benefit of new members of the community and faculty.

The lectures had a much wider audience than the ladies and gentlemen who went to Ada Dodge Hall on Wednesdays to listen to specialized professors deliver this year's series. Summaries and gists of the lectures were released to the various press and other information media. They appeared in the dailies and in magazines, and were reported over the radio and on TV.

Before the final lecture by President Kirkwood, Professor Nabil Dajani of the Mass Communication program spoke late in November of Lebanon as a center of Arab information, and a week later Professor Suheil Bushrui, Chairman of the Department of English discussed Arab culture and the West.

President Kirkwood spoke at length of the founding and growth of the University. Reading from *The Reminiscences of Daniel Bliss*, he pointed out that the following passage still spells out the same message and spirit of 102 years ago :

« The corner-stone of the Main Building (College Hall) was laid by the Honourable William Earl Dodge, Senior, on December 7, 1871. In introducing the speaker I said :

'This College is for all conditions and classes of men without regard to colour, nationality, race or religion. A man white, black or yellow; Christian, Jew, Mohammedan or heathen, may enter and enjoy all of the advantages of this institution for three, four or eight years; and go out believing in one God, in many Gods, or in no God. But,' I added, **'it will be impossible for any one to continue with us long without knowing what we believe to be the truth and our reasons for that belief'. »**

Arab Culture and the West

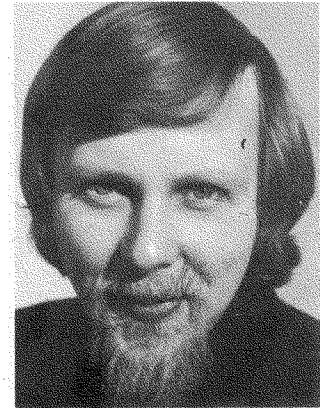
« The Arab-Islamic period forms a very important chapter in the story of mankind, » Professor Suheil Bushrui of the AUB Department of English noted early last month in his lecture on « Arab Culture and the West ». He described the Arab-Islamic period as one of the world's three great scientific epochs, and the link between the embryonic science of the Greeks and the birth of modern science and technology.

« This is a civilization and culture which has been neglected in the study of the humanities, » Professor Bushrui said as he highlighted the significant contributions made by the Islamic world to the progress of humanity. The Islamic civilization has borrowed generously from the Babylonian, the Chaldean, the Hittite, the Phoenician, the Egyptian, the Chinese, the Indian, the Persian, the Greek and the Roman civilizations, and in so doing has stamped everything it has passed on with its own genius and personality.

Professor Bushrui examined some of the specific contributions of the Arabic-Islamic world in literature, medicine, philosophy, alchemy, astronomy, mathematics, geography, history, law, theology, philosophy, linguistics, architecture, industry, agriculture and navigation. Concentrating on the Islamic literary achievements, he quoted from the *Quran* to illustrate a similarity to Christian-Judaic material. He referred to the 'war of words' between oriental and occidental writers which reflect the ideological clash and threat posed to medieval Christianity by Islam, and he noted how the magical story-telling in *The Thousand and One Nights* captured the flavor of Eastern folk literature.

Professor Bushrui chose two figures as representatives of the intellectual achievement of Arab-Islamic civilization : the Hispano-Arab philosopher, abu-al-Walid Muhammadeibu-Ahmed ibu-Rushd (1126-1198), known to Europe by the name of Averroes, who was the most distinguished commentator of Aristotle in the Middle Ages; and 'Abd-al-Rahman ibn Khaldun (1332-1406), the Tunisian-Arab historian who has given the world the first philosophical study of history and in whose work the social sciences find their origin.

New Art History Course



Prof. J.M. Giesen

The Department of Fine and Performing Arts has announced a new general interest course in modern art history. The course, entitled « Painting and Sculpture from 1850 to 1930, » will be taught by Professor Johannes-Martin Giesen, lecturer in the Department of European Languages and Literature. Professor Giesen received his doctorate in art history from Heidelberg University in 1973. He has also attended other universities in Germany and the United States, and has done research in museology at the Metropolitan Museum of Art in New York City as an assistant for research and education.

« Painting and Sculpture from 1850 to 1930 » will probe the development of modern art from its immediate sources in French painting of the 19th century to the beginning of World War II. Important movements of this period in art including Post-Impressionism, Cubism, Constructivism and Surrealism will be explored. The course will also emphasize individual innovative artists as well as the reception, variation and preparatory effect of « modern » art upon contemporary art.

Correction

Professor Albert Stewart, Visiting Professor in Cultural Studies has kindly referred to the last Bulletin of December 13, 1973 (page three — New Faculty Members On One Year Contracts) and informed us that he was erroneously « credited with 19 books more » than he has written. The error is regretted.

Medicus



The last issue of *Medicus*, the journal of the AUB Medical Students Society, was mainly devoted to the memory of the late Dr. Munib J. Shahid of the Department of Internal Medicine.

In two articles, Doctors Philip A. Salem and Samir A. Azzam speak of Dr. Shahid's goodness and of his boundless zeal for learning and scholarly pursuits.

In speaking of Dr. Shahid's works, *Medicus* cites five research projects and eighteen publications.

Fifth Science Meeting

(cont'd from page 1)

establishing in 1961 the Department of Food Technology and Nutrition of the Faculty of Agricultural Sciences. Through Dr. Sabry's efforts, nutritional research was developed and coordinated with the medical sciences at AUB. A cooperative program between AUB and Columbia University in New York has just completed its 12th year of research and study of nutritional problems of developing countries in the Middle East.

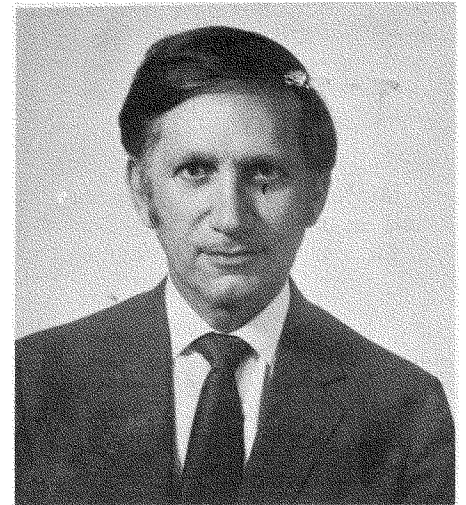
AUB's participation in the Fifth Science Meeting was remarkable. Eighty five papers comprising approximately 50% of the total research papers presented came from AUB. Sixty six AUB faculty members participated as authors or co-authors of presented research, and twelve sessions of the meeting were chaired by AUB faculty members.

Prof. L.P. Cajoleas Attends "The Open University" Seminar in UK

« The Open University » in Great Britain was the subject of a seminar which Professor Louis P. Cajoleas attended recently. The Open University was designed to use the mass media — the printed word through correspondence study, television, and radio — to provide university education for working adults irrespective of prior schooling. This « education at a distance » program currently enrolls 40,000 students in six faculties : Arts, Sciences, Mathematics, Social Sciences, Technology, and Educational Studies. Materials are prepared by faculty course team specialists working closely with educational technologists and BBC producers. The Open University, O.U., grants a B.A. degree ordinary and B.A. honors degree.

All aspects of the Open University were studied in considerable depth : historical, philosophical, program planning, course development and revision, composition of student body, assessments and examinations, roles of tutors and counselors, relations with the BBC, equivalence with other British universities, use of O.U. materials abroad. In addition to the use of the media, face-to-face tutorials are available to students, along with a one-week intensive summer school. Counseling services are also available in regional study centers.

A number of British universities are using specific units or modules from O.U. course materials. In several English speaking countries, Canada, Australia, U.S.A., such materials are also in use. Elsewhere O.U. materials are being translated for use either by existing universities or in institutions



Prof. L.P. Cajoleas

especially designed to meet indigenous goals of higher education.

Professor Cajoleas, Director, Division of Extension and Special Programs and Bursary Officer, believes that some of this material may be very relevant locally and could be utilized by the Division of Extension and Special Programs at AUB, as well as by other universities in the Middle East. The objectives and methods, however, have potential universal applicability.

The seminar was attended by fifty-nine participants from twenty-five countries : from universities, ministries of education, planning boards, publishers and other producers of educational materials, educational broadcasting facilities, research institutes, and extension and adult education programs. The seminar was sponsored by the British Council and was held at Milton Keynes and in London.

Courses Offered in the Netherlands

An announcement describing the following post graduate courses is available at the Division of Extension and Special Programs, room 110 West Hall :

Natural Resources Surveys
Photogrammetry and Aerial
Photography
Cartography
Mining Exploration
Integrated Surveys

Urban Surveys
Food Science and Nutrition
Industrialization
Health Development
Sanitary Engineering
Environmental Science and
Technology
Post Management

These courses are offered in the Netherlands. Further information may be obtained from the Royal Netherlands Embassy, Beirut.

Blood Donation Campaign



Part of AUH Blood Bank

« One blood unit of 500 cc per person to help needy patients » is the objective of the blood donation campaign which has been launched by the Department of Clinical Pathology at AUB.

A letter and instruction sheet have been circulated to members of the AUB community who are requested to register a blood donation pledge.

The campaign is planned to overcome a shortage of blood supplies at the AUB Blood Bank and to promote a spirit of voluntary donations. The AUB Blood Bank has been functioning for twenty years.

All able members of the AUB community are invited to respond. Only those who pledge will be called upon to donate. A person can donate blood at the rate of 500 cc every two months, but volunteers are being asked to donate only once a year. The present campaign is intended to secure 6,000 donors to meet the needs of AUH.

Dr. Charles Allam, Assistant Professor of Clinical Pathology has declared that for the past four years the Department of Clinical Pathology has had the capability to divide blood into its components (i.e. it has been separating the following components : red cells, platelets, plasma, anti-haemophilic factor, and white cells) to give the recipient the component he or she needs and save other components for other patients. He pointed out that

this has made it possible for the department to use the blood units available more judiciously and effectively.

Before blood is taken the donor's blood group is determined and classified. Negative group donors are hard to find, and this type of blood is especially needed for open heart surgery. Dr. Allam said he « particularly wanted to thank those who gave AUB negative blood donations for a patient who underwent an open heart surgery two months ago. » The donation, he said, saved the patient's life.

Dr. Allam hopes everyone will collaborate. Donors, he said, are offered four choices :

- i. A payment of LL 35 per unit.
- ii. An undertaking guaranteeing that the donor, or any person he or she names, shall be provided with any amount of blood if hospitalized within a period of one year.
- iii. The donor will be credited with one blood unit for a period of two years. This unit may be reserved for the donor who may elect to transfer it to any organization or to another person.
- iv. Finally, the donor chooses out of civic duty to give a unit of his or her blood for needy patients.

The main concern of AUH, Dr. Allam said, is to keep the blood bank well supplied for patients in need of transfusions.

Scholarships and Fellowships in the Federal Republic of Germany

The German Academic Exchange Service (DAAD) is again awarding study grants for 1974-75 as follows :

1. Ten scholarships for an intensive German language program at a Goethe-Institut in the Federal Republic of Germany (FRG) for two months during the summer of 1974. Pre-requisite : knowledge of German at the level of German 201/202.

2. Six one-year scholarships valid for post-graduate training at German universities, technical universities, and academies of art and music (pre-requisite: master's degree). In addition each scholarship may include an intensive course in German language of two to six months at an establishment of the Goethe-Institut in FRG, to precede post-graduate training.

3. Six grants for faculty members with the rank of assistant professor and above wishing to carry out a research program in FRG. The grants are up to three months duration. It is essential that interested faculty members should have established initial contacts with German colleagues they wish to meet, and with institutes, prior to their application.

All applicants must be of Lebanese or any other Arab nationality. Interested faculty and students should get in touch with Dr. M. Giesen or Dr. B. Alsleben, Department of European Languages and Literature, German Section, Fisk Hall.

All applications under items 1) and 2) above must be turned in by January 15, 1974 at the latest.

New Administrative Offices of School of Medicine

The administrative offices of the School of Medicine (the offices of the Dean and Director of the School of Medicine) are now relocated in Room 118 in the Hospital (Ground Floor, next to the Admitting Office.) The new telephone extension for both Dr. Samuel P. Asper and Dr. Raif Nassif is 38585.

The Making of An Entrepreneur

Professor Ray Nightingale of the AUB Faculty of Agricultural Sciences (FAS) has drawn on his studies in agricultural marketing to define the entrepreneur who can contribute to advancing agricultural development by serving as the link between communities with disparate views of what are the needs of the developing countries. Dr. Nightingale, Associate Professor of Agricultural Economics at FAS has been engaged since 1968 in a program of research on the contribution of market modernization to agricultural economic development. He studies the profession of entrepreneurship within the framework of marketing food products.

In a 4-page article, « The Making of an Entrepreneur », which appeared in the September/October 1973 issue of CERES, the Review published bi-monthly by the UN Food and Agricultural Organization (FAO), he describes the entrepreneur as the man who must have a « sixth sense » anticipating the changes brought by modernization, the starter of enterprises, and the man who puts new firms and industries on their feet.

Each issue of CERES is devoted to the presentation of articles bearing on some facet of the general problem of international agricultural development. A foreword to this last issue which delves into the topic of communication among nations of vastly different cultural backgrounds points out that

the developing countries, whatever political, social and economic stage they may have reached, have one characteristic in common : a paucity of entrepreneurs.

Professor Nightingale argues at length that the concept of agricultural marketing development must be one of change, rather than of growth, and points out that innovation is the essence of change. On the subject of status foods he explains that lower income groups frequently emulate the high income community. He discusses the technological base and mentions that an extensive volume of literature is now emerging on the secondary effects of the « green revolution ».

Speaking of social climate and the family barrier Professor Nightingale says entrepreneurial activity in agricultural marketing is strongly dependent on the establishment of transportation and communication systems. Of proprietary family firms in agricultural markets, he says it is not enough to be traders from father to son for generations, as readiness to take risks and technical knowledge are also essential.

He concludes by pointing out that entrepreneurship requires a thorough understanding of the culture of both the producing and consuming population, and requires acquaintance with technology and the underlying sciences.

AUB Professors Visit Lebanese University

A group of Professors from the Faculty of Agricultural Sciences visited early last month the facilities of the College of Science of the Lebanese University in Hadath where they were received by Dean Hasan Musharafieh and faculty members of the College.

A tour of the laboratories, lecture halls and offices was made, and several discussions were held with individual faculty members. The visit was organized by the FAS External Relations Committee.

English Department Activities

The AUB Department of English is planning a number of activities for 1973-74 to mark the anniversaries of the birth of Robert Frost and Oliver Goldsmith, Lord Byron's death, and the publication of Gibran's *The Prophet*. Several committees, formed of members of the Department are organizing the commemoration of these events which are scheduled as follows :

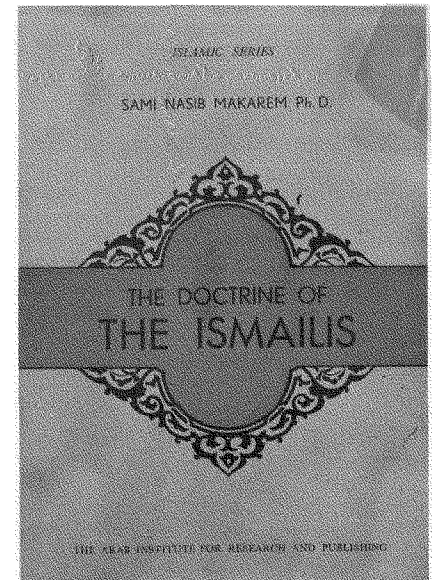
— Robert Frost Centenary (March 24-28).

— Oliver Goldsmith Bi-Centenary (April 4).

— The One Hundred And Fiftieth Anniversary Of The Death of Byron (April 18 and November 6-10).

— The Fiftieth Anniversary Of The Publication of Gibran's *The Prophet* (Summer 1974).

New Book by Prof. S. Makarem



« The Doctrine Of The Ismailis », a new book by Professor Sami Nasib Makarem of the Department of Arabic and Near Eastern Languages is an introduction to the faith of the followers of the Aga Khan, known as the Shia Imami Ismailis.

Published by the Arab Institute for Research and Publishing in Beirut, this 85-page book gives an account of the Shia Imami Ismaili doctrine of today.

The Shia Imami Ismailis passed through various stages until they witnessed a social, cultural and economic revival and a resurgence of interest in doctrine under the guidance of the Imam Aga Khan III and his grandson, the present Imam H.R.H. Prince Karim Aga Khan IV, their 49th Imam.

Another book by Professor Makarem, « *The Druze Faith*, » will soon be published by Caravan Books, N.Y.

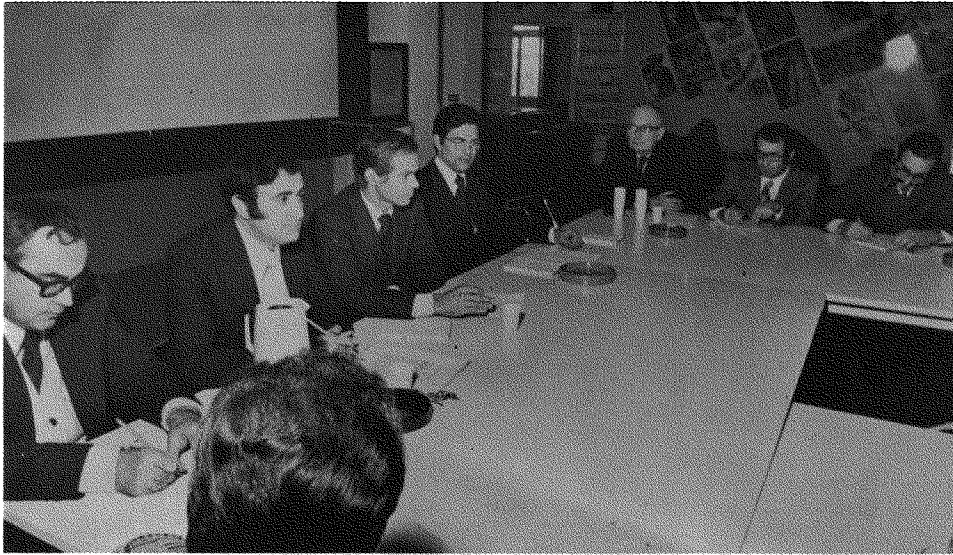
Transfer of Photography Department

The AUB Photography Department has been transferred from Van Dyck Hall to the basement of Building Room B01.

The new telephone number is 33661

The Department is easily reached through the tunnel facing the X-Ray Department in the basement of AUI¹

Mass Communications Professors Conduct Seminar



Seminar in progress

Two professors from AUB's Mass Communications Program — Professors Nabil Dajani and Donald R. Browne — conducted last November a seminar for executives in various Lebanese mass communications enterprises. The seminar, held at the J.F. Kennedy American Center, covered two topics: the communications revolution in the United States and its im-

pact on other parts of the world, and the role of mass communications research in society. The two sessions were attended by twenty-five Lebanese editors, business managers, television station managers, research directors and others, who raised numerous questions in the discussion period that followed each session.

Faculty Football Team

The Secretary of the Faculty Football Team, Profesor Brook A. Greene of the Faculty of Agricultural Sciences has announced that this team is now made up of the following players:

- | | |
|---------------------------|------------------|
| 1. Bratton, Neil | English |
| 2. Buheiry, Marwan | Cultural Studies |
| 3. Dajani, Nabil | Mass. Communic. |
| 4. Greene, Brook | Agriculture |
| 5. Haddadin, Makhlor | Chemistry |
| 6. Hamdan, Mohammad | Mathematics |
| 7. Ibrahim, Mohammad | Human Morphology |
| 8. Inglessis, Constantine | Engineering |
| 9. Kano, Kana'an | Engineering |
| 10. Letterie, Jacobus | P.S.P.A. |
| 11. Madany, Henry | Engineering |
| 12. Mukaddam, Mohammad | Engineering |
| 13. Nassif, Nabil | Mathematics |
| 14. Olmstead, John | Chemistry |
| 15. Seikaly, Samir | History |

The faculty team has played three full games so far:

- Agriculture 7 Faculty 3
- Orientation 2 Faculty 2
- Orientation 0 Faculty 4

US Social Security Tax

Mr. Donald J. Meyer, University Comptroller has issued the following statement:

« This is to advise all concerned that the U.S. Social Security Tax for the calendar year 1974 will be based on a maximum amount of earnings of \$13,200 at the rate of 5.85%. The maximum amount to be contributed by each Faculty/Staff member will be \$772.20. »

Radiographers Attend Congress in Spain

A group of seven radiographers, staff, alumni and students of the Department of Radiology attended recently the 12th World Congress of Radiology in Madrid, Spain. At this congress Lebanon was accepted as a member country of the *International Society of Radiographers and Radiologic Technologists (ISRRT)*. Lebanon was the first Arab Country to be accepted as a member of this society.

Mr. Samir Franji of the Department of Radiology, who was elected a council member of ISRRT, spoke to 1600 participants about radiography in Lebanon. A certificate and Roentgen Bust were awarded to the Lebanese group.

Thirteenth Annual Research Report

The AUB Thirteenth Annual Research Report for 1971-1972 has just been published by the Office of University Publications. It records the University's research activities and demonstrates its commitment to research as an essential component of its academic program.

That a great deal of this research should be oriented to the problems of Lebanon and the Middle East is only just and proper, President S.B. Kirkwood says in his foreword to this report.

The report mentions that from July 1971 through June 1972 the funds received for the support of research from granting agencies amounted to \$229,415.65.

The Report lists and surveys around 900 research reports and publications together with Masters and Ph.D. theses.

A collection of Danish music recordings was recently donated by H.E. the Ambassador of Denmark, Mr. Mogens Warberg to the Music Division of the AUB Department of Fine and Performing Arts. The collection includes Danish produced records of Danish musicians said to be of excellent quality by the Chairman of the Department of Fine and Performing Arts, Professor Peter Harrison Smith.

The record have been catalogued in the music library and are now part of the Division's permanent collection which is used on a daily basis in the classroom as an important instructional aid.

In a letter of thanks to the Danish Ambassador, President Samuel B. Kirkwood said he was especially pleased with these fine recordings which will enrich AUB's music appreciation program.

Danish Music Recordings Donated



H.E. the Ambassador of Denmark presents recordings to President S.B. Kirkwood

Dean J. Cowan and Prof. F. Al-Haj Visit Projects in Saudi Arabia

Professor James Cowan, Dean of the Faculty of Agricultural Sciences (FAS) and Professor Fawzi Al-Haj, Chairman of the Department of Agricultural Economics, Extension and Rural Sociology at FAS were recently invited by the Ministry of Agriculture and Water of the Kingdom of Saudi Arabia to visit Riyadh, Harad and Al-Hassa projects.

The purpose of the trip was to present and discuss special training programs offered by FAS in the various areas of agriculture, which will help meet the needs of the professional staff of the Saudi Ministry.

The trip served as a follow-up for a previous in-service training program held at AUB last summer for Saudi personnel in the area of Animal Production and Health.

The visit included contacts with H.E. the Minister of Agriculture, Mr. Hasan Mashari, and the Deputy Minister as well as other administrative and professional staff of the Ministry in Riyadh. A trip to the Harad settlement project was made together with another to the Al-Hasa Irrigation and Drainage Project. Also, visits to the Training Center and Central Labora-

tory near Riyadh gave Dean Cowan and Professor Al-Haj a better insight to the problems and training possibilities of Saudi employees. Possibilities of joint research projects between FAS and the professional staff of the Central Laboratory were discussed, in addition to possible training courses to be offered by FAS staff either in Beirut or Saudi Arabia.

Dean Cowan and Professor Al-Haj have expressed satisfaction with the positive attitude of the officials of the Saudi Ministry of Agriculture toward AUB and its M.E. educational role.

AUB BULLETIN

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, 30c.

Director of Information and Responsible editor:

Redwan Mawlawi.

Editor: George Salhab.



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Technical Assistance Agreement With Sudanese Ministry of Education

The Science and Mathematics Education Center (SMEC) of AUB continues to supply a number of Arab countries with scientific and technical assistance in the teaching of mathematics and sciences. The Director of SMEC, Professor George Za'rour has declared that two SMEC members, Professors Yacub Namek and Murad Jurdak are presently spending their second one-month visit in the Sudan where they are working with the Ministry of Education in Khartoum on the revision of the sciences and math curricula at the elementary and general secondary level. During their first visit Professors Namek and Jurdak were received by His Excellency, the Sudanese Minister of Education and conferred with officials of the Ministry and with educators both in Khartoum and Bakht-er-Ruda.

The plans for SMEC's technical assistance include the supervision of a team of Sudanese educators in the preparation of eight science and mathematics textbooks and teachers' guides. They also provide for the appointment of a specialist to assist the Sudanese Ministry of Education in the development of locally produced equipment and the training of teachers in the production of simple classroom material.

Professor George Za'rour has explained that SMEC's assistance is part of a tripartite agreement between the Sudanese Ministry of Education, Ford Foundation and AUB.

Eleventh Season At Tell El Ghassil



Discovered artefacts

The Curator of Museums at AUB, Professor Dimitri C. Baramki has announced the discovery of an important burial area at the ancient site of Tell el Ghassil in the Bekaa where a jar burial of an infant was found with next to it a multiple burial of five adults, among them one woman, set between headstones at either end.

The tomb discovery included three plates, four vases, one jug painted with concentric circles in bichrome, one jug decorated with a row of incised birds and a lower row of incised ducks and palm trees, one bronze needle and four beads, in addition to a pottery kiln.

This burial area was found at a depth of six and a half meters at Tell el Ghassil excavations site of AUB's Agricultural Research and Education Center (AREC) where excavations have reached the Middle Bronze Age level (1900 - 1600 B.C.).

The excavations were carried out by graduate students in archaeology under the direction of Professor Baramki and the close supervision of his assistant Miss Layla Badre. Miss Badre has explained that the kiln resembles in form the kilns which were discovered by Professor James Pritchard during excavations in 1970-1971 at the Sarafand site near Sidon. These kilns, Miss Badre said, indicated that civilization in the Bekaa during that period resembled the civilization which existed along the coast during the Bronze Age. They also showed the existence of commercial links between the littoral and the Bekaa. The importance of the decorated jug, Miss Badre said, lies in its being unique among discoveries in the area.

The above discovered objects are at present exhibited in a special case at the AUB Museum which is open to the public.

University Chapel Services

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge of Dodge Hall.

Mathematics Colloquium

The fourth meeting of 1973-74 will be as follows :

Speaker: Professor Hafez Kobeissi, Physics Department, Faculty of Science, Lebanese University.

Title: « On the Analytical Solution of a Linear Differential Equation of any Order ».

Date: Thursday, January 31, 1974

3:30 p.m. Tea

4:00 p.m. Paper

Place: Room 116 Bliss

Nutrition Seminar

« Mineral Malabsorption in Man » by John G. Reinhold, Ph.D. (University of Shiraz, formerly with AUB) SB 99 Medical Center — 12:00 noon, Thursday, February 7.

Women's Association Offers Tea To Students and Faculty

The AUB Women's Association is again sponsoring teas for students and faculty during examination week, as follows :

Engineering and Architecture;

Tuesday, February 12, 10:30 a.m. in the entrance hall of Bechtel Bldg.

Arts and Sciences

Wednesday, February 13, 10:30 a.m. in the student lounge, Chemistry Bldg.

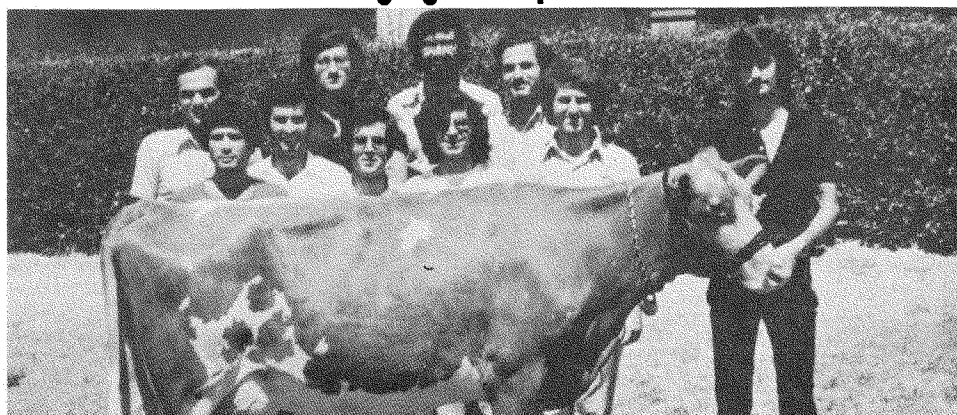
Arts and Sciences and Medical Sciences

Thursday, February 14, 4 p.m., Faculty Lounge, Ada Dodge Hall.

Byron Porter Smith Lecture Series

Mr. P. Gotch (Guest Lecturer in the above series) is scheduled to speak on February 28 — 7:30 p.m., Lecture Room, West Hall. His lecture is entitled: *A Girdle Around the Earth — Shakespeare's University.*

AUB Team Rates High in International Dairy Cattle Judging Competition



Team with Oak Lea P.P. Tilly which was donated to AUB in 1972 by Mr. Fred Detering of Independence, Oregon.

A team of second year students of the AUB Faculty of Agricultural Sciences (FAS) has achieved remarkable success in competing against 187 other teams from universities throughout the world. It has been awarded 14th place in the world's largest (110,000 entries) dairy cattle judging contest in 1973.

Each student had to study the pictures of 20 dairy cows belonging to five breeds and to judge their various physical characteristics — i.e. udder, body capacity, feet and legs, etc. The AUB farm in the Bekaa has two of these breeds — Holstein and Guernsey. These pictures are sent to contestants by Hoards Dairyman Judging Competition, an international organization in Wisconsin, USA, where a judging committee of five experts from various countries meet to rate the entries.

Dr. W.R. Anderson, Associate Professor of Dairy Science at FAS was coaching the AUB team, and he gave them preliminary training during the Spring term of last year. The team included Messrs Tarik Abdul Baki, M. Fayid, N. Harawi, M. Humaydan, F. Karam, S. Karam and H. Sarkis of Lebanon and U. Jarikji of Syria, S. Jamaloddin of Afghanistan and Raja Kawar of Jordan. It is the first dairy cattle judging team in the Arab World to score so high in an international competition. AUB's highest scorer in the contest was Mr. Elie Skaff, son of the Minister of Hydroelectric Resources and the only student who is from a dairy farming background. Another AUB team will be entering the 1974 contest which originates in Fort Atkinson, Wisconsin.

Murad Al-Akl Prize

The Department of English has announced the rules for competition for the 1974 Murad Al-Akl Prize. This contest, which is held in honor of Mr. Murad Al-Akl, is based on the theme of service to mankind. It involves the preparation of an original essay on the theme « How Can I Best Serve My Fellow Men, » and is open to all AUB students. Essays will be judged by a panel of AUB professors; a first prize of \$50 and a second prize of \$30 will be awarded. The first prize essay will also be published in the English Readers' Society publication *Voices*. Contest rules appear below :

1. All submitted material must be

in essay form. Footnotes are necessary only when direct quotations are made.

2. Maximum length is 2500 words, and all essays are to be in English. Grammar and style will be important criteria in the final judging.

3. Essays must be typewritten and must observe standard rules for margin spacing.

4. Deadline for submission of essays is May 2, 1974; all essays are to be submitted to The Chairman, Department of English, 302 Fisk Hall, Campus.

5. In the unlikely event that no essay submitted is deemed by the panel of judges to be of high quality, no prizes will be awarded.

Panel on Conservation

The Women's League is arranging « A Panel on Conservation » next Monday, February 4, 7:00 pm, in Irwin Hall, BUC. Four experts will be participating in this panel : Mrs. Samuel Kirkwood on Wild Life; Prof. Aftim Acra on Environment; Prof. Francis Blaise Gillie on Urbanization; and Prof. John Hardy on Marine Biology. The President of the Order of Engineers, Dr. Khalil Malouf will act as Moderator.

Exchange Program With Wharton School Discussed

The AUB Department of Business Administration has been discussing a proposal for academic cooperation and an exchange of professors and graduates with Wharton School of Finance and Commerce of the University of Pennsylvania in the US.

The proposed program is similar to the existing program between the AUB School of Medicine and the University of Johns Hopkins.

Professor Gordon Keith of Wharton School, who is a world known authority on business administration and public finance recently visited AUB to explore further the proposal for such a joint program.

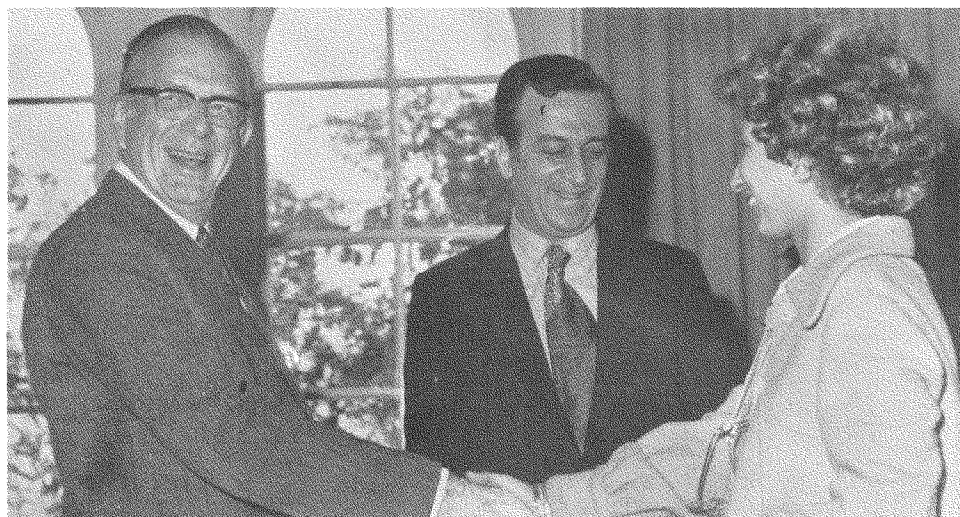
Professor Keith met with President Samuel B. Kirkwood and senior AUB officials. He also held several meetings with the Chairman of the Department of Business Administration, Professor Nabil Shaath who was member of the faculty of Wharton School which is considered the oldest school in the world for the teaching of business administration. It is still one of the world's principal business administration schools.

Before leaving Beirut, Professor Keith expressed optimism with regard to his talks at AUB, and Professor Nabil Shaath spoke of the program's importance and of efforts to finance it.

Voices

Voices, the journal of the English Readers' Society is in its third year of publication and welcomes poems, stories and articles, preferably on literary subjects. Material for publication may be sent to A. Choukassizian, Central Jafet Memorial Library.

Kamel Mroueh Memorial Scholarship Offered To Miss Baria Beydoun



L. to r: President S.B. Kirkwood, Mr. Riad Taha, Miss Baria Beydoun

The Chairman of the Press Association Mr. Riad Taha, together with Distinguished Professor Constantine Zurayk, both members of the Trustees Committee of the Kamel Mroueh Memorial Fund, have visited President Samuel B. Kirkwood in his office where Mr. Taha handed him a check for LL. 2500 being the annual scholarship for a promising AUB student in Mass Communications.

The Trustees Committee of the Kamel Mroueh Memorial Fund has

decided to offer this year's scholarship to Miss Baria Beydoun, a senior Mass Communications student. The offer is made at the recommendation of Professor Nabil Dajani.

On presenting the check, Mr. Riad Taha praised AUB's efforts in the service of successive generations of graduates in Lebanon and the Arab world. He was thanked by President Kirkwood who spoke of the importance of information in developing countries and of the role of the press in enlightening public opinion.

FMS Grants Coordinator Appointed

Dr. Craig S. Lichtenwalner, Dean of the Faculties of Medical Sciences has designated Dr. Ibrahim Salti as Grants Coordinator for FMS. Dr. Salti is also Chairman of the Medical Research Committee.

As Coordinator, Dr. Salti will assist in processing all grant requests to sources outside the University, including research grants, on behalf of the Dean. He will also serve as the focal point for liaison with the University

administration on matters relating to grants policy and administration.

Faculty members preparing grant requests now and in the future are urged by Dean Lichtenwalner to consult with Dr. Salti while the proposal is in preparation and not wait until the proposal is typed in final form.

Dr. Salti or Dean Lichtenwalner can be consulted on any matters requiring clarification with respect to grants administration.

Service Pins Awarded To 33 Physical Plant Personnel

Service pins were awarded late last month to 33 Physical Plant employees and workers totalling 670 years of service. The presentation was made by Mr. Aziz K. Nahhas, Director of Physical Plant at a big gathering in Mary Dodge Recreation Hall attended by Mr.

Farid A. Fuleihan, Director of Personnel and Mr. A. Al Sha', I.C. representative. The honored personnel were addressed by Mr. Fuleihan who conveyed to them the gratitude of the University for their services.

Prof. M. Fakhry Honored

Professor Majid Fakhry of the Department of Philosophy has been elected member of the *Institut International de Philosophie* which has its headquarters in Paris. The active membership of this institute consists of a number of well-known philosophers or professors of philosophy throughout the world.

Professor Fakhry's latest publication is a critical edition of *Ibn Bajjah's Paraphrase of Aristotle's Physics*, which had not been published heretofore. This edition includes an English preface and an Arabic introduction and notes. The publisher is *Dar al-Nahar*, Beirut.

Prof. A. Bikhazi Addresses Meeting and Seminar in US

Professor Anwar B. Bikhazi of the School of Pharmacy recently visited the United States to attend and present a talk at the 15th National Meeting of the American Pharmaceutical Association, Academy of Pharmaceutical Sciences, in San Diego, California. The title of the presentation was « Mechanistic Studies on the Effect of Cholate Concentration on Cholesterol Transport Through Isolated Rabbit's Intestine » with Dr. Jean Jacques Hajjar of the AUB Department of Physiology as co-author.

Professor Bikhazi was also invited by the College of Pharmacy of the University of Michigan, Ann Arbor, to present a post-graduate seminar on a new research project developed by him in the AUB School of Pharmacy and by Professors Hasan Tayim of the Department of Chemistry and Artin Malakian of the Department of Bacteriology and Virology. The title of the seminar was « Synthesis, some Physicochemical, Antimitogenic and Antiviral Properties of a Novel Palladium (II) Coordination Compound ». He visited as well National Institutes of Health in Washington, DC to discuss a grant and explore the possibility of financial support for AUB research projects.

Contribution Campaign on Campus in Aid of Rashaya Al-Fukhar



Rashaya al-Fukhar pottery

A campaign, sponsored by YWCA in Marjeyoun, has been launched on campus to collect contributions in aid of families in Rashaya al-Fukhar who have been victims of Israeli shelling.

An exhibition of Rashaya al-Fukhar pottery was recently organized in the Faculty Lounge by Professor Erica Dodd of the AUB Cultural Studies Pro-

gram who explained that the idea behind this exhibition was to show what Rashaya al-Fukhar is and the fine pottery it produces. Professor Dodd hopes contributions by AUB faculty will assist the services extended to Rashaya al-Fukhar which include first-aid, typing, crochet, knitting, sewing and dress making.

Prof. J. M. Munro Lectures on English Studies At AUB

« English Studies at AUB — An Historical Account, » was the subject of the lecture given early this month by Professor John M. Munro as part of the English Department's Byron Porter Smith lecture series. Tracing the development of English from Syrian Protestant College days, Professor Munro noted that originally it was planned to teach exclusively in Arabic, but English crept in when it became apparent that many students wishing to attend SPC knew little Arabic. Also the lack of suitable Arabic texts for the students was another important factor in prompting a switch from the vernacular to English as the language of instruction. English studies received a major boost in 1882, when several professors in the Medical School resigned in protest over the treatment of a colleague who had been cautiously promoting the evolutionary theories of Charles Darwin. These professors were replaced by others who knew no

Arabic, forcing the college to adopt English as the official language of instruction.

Since that time the study of English has become an increasingly important subject in the curriculum, though as Professor Munro pointed out, at no time has it ever been officially proposed that it should supercede Arabic. Indeed, the development of the departments of English and Arabic has proceeded simultaneously, and it is especially appropriate that Professor Byron Porter Smith, the first chairman of the English Department at AUB should have been the author of a pioneering study *Islam in English Literature*. It is equally appropriate that this study should have been revised for re-publication by Professor Suheil Bushrui, the present Chairman of the English Department, demonstrating that the spirit of fruitful cultural interaction is still very much alive today.

Alumni Association Sponsors Seminar on Press Freedom

The AUB Alumni Association held last week a two day seminar on the subject of « Freedom of the Press in Lebanon. » The four sessions were chaired by Distinguished Professors Constantine Zurayk and Charles Malik of AUB and by the Chairman of the Lawyers Association and former Cabinet Minister Mr. Wajdi Mallat, and AUB alumnus Mr. Michel Ma'louli, MP and Deputy Speaker of Parliament. Former Prime Minister Dr. Amin Al-Hafez, Dr. Edmond Rabbat, and the Chairman of the Press Association Mr. Riad Taha, lectured respectively on the above subject with regard to principles, the Law, and professional ethics.

Mr. Bassem Al-Jisr, columnist, and Mr. Gibran Hayek, proprietor of Lisan ul Hal, as well as Professor Nabil Dajani of the AUB Mass Communications program acted as rapporteurs.

Participants included several Cabinet Ministers, senior Government officials, proprietors and editors of papers, columnists, political leaders and men of letters.

Golden Age of Physics

In cooperation with the Goethe Institut, the Department of Physics organizes an exhibition of photographs in the show-window on the second floor of the Emile Bustani Hall (Department of Physics.)

The exhibition covers the period 1895-1933, the time of the great discoveries in Physics.

Copies of original letters, photographs of Einstein, Sommerfeld, Millikan, Planck and many others, together with pictures of equipment used at that time, are on display.

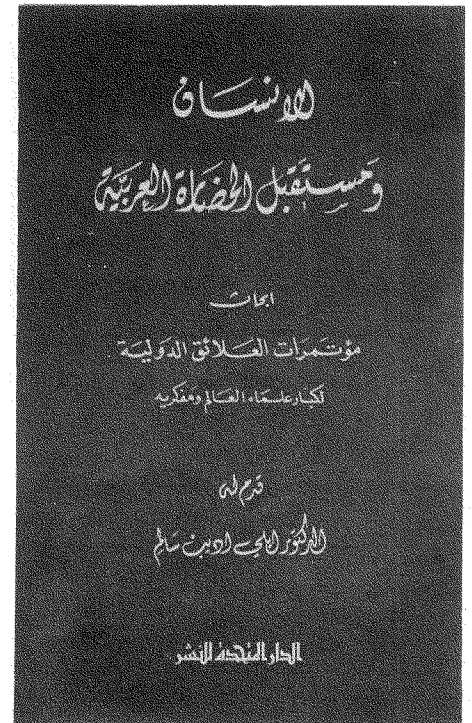
The exhibition will last till February 15, 1974.

Prof. N. Dajani Conducts Seminar

Professor Nabil H. Dajani of the Mass Communication Program, conducted this month a graduate seminar at the Faculty of Law and Political Studies of the University of St. Joseph on the development of the Lebanese press. He addressed St. Joseph University graduate students on the state of affairs of the Lebanese press and conducted a lively discussion on the future and problems of the press.

AUB Team Contributes to International Report on Future of Man

A team of AUB professors including Professors C. Zurayk, Samir Thabet, Matta 'Akrawi, Louis Cajoleas and Elie Salem has been engaged since 1970 in an international program of intercultural relations sponsored by the Hazen Foundation. The purpose of the program is to recommend to decision-makers throughout the world new approaches to bridge the gaps between cultures and to provide avenues for new thinking in a rapidly shrinking planet. The program worked through five area groups — the U.S. Group, the M.E. Group, the India Group, the South East Asia Group and the Japanese Group. The Middle East Group included in addition to the AUB team Dr. Edmond Na'im, President of the Lebanese University, Dr. Hasan Saati, former Dean of the Faculty of Arts of the Beirut Arab University and Dr. Abdallah Abd al-Da'im, former Syrian Minister of Education. This group held over twenty conferences to which leading scholars from Lebanon and the rest of the Arab World were invited. Professor Salem, the Chairman of the Middle East Group, attended conferences in New York and in Bellagio together with the chairmen of the other groups (Kenneth Thompson, U.S.; Soedjatmoko, S.E. Asia; Prem Kirpal, India; Yoichi Maeda, Japan) to coordinate efforts and themes. Professor Samir Thabet and Professor Salem attended the last conference in Bellagio which drafted the final report entitled *Reconstituting the Human Community*. The report drew on the deliberations of the Middle East group and on its report entitled *The Arabs in Intercultural Relations, Problems and Opportunities*, as well as on the reports of the other four groups. *Reconstituting the Human Community* has been received enthusiastically by responsible leaders throughout the world and thousands of copies have been made available to U.N. agencies, academic centers, foundations and civic groups. This report together with *The Arabs in Intercultural Relations: Problems and Opportunities* have been translated to Arabic and printed in Beirut in December 1973, under the title *al-Insan wa Mustaqbal al-Hadarah al-'Arabiyyah* (man and the future of



Man and the Future of Arab Culture

Arab culture). The study into which the AUB team put a great deal of effort dealt with five broad areas : 1) the Context of Cultural Relations, 2) the Role of Africa and Asia in Cultural Relations, 3) the Cultural Search for Meaning : Man, Youth and Values, 4) Strengthening Local Capabilities of Developing Countries and 5) Reconstituting the Human Community.

When asked about the lessons that he learned from this extensive program Professor Salem responded that he learned what the group learned and stated in its conclusions : that the multiplicity of cultures will continue and each must therefore rethink its future role and learn to transcend its insular view, that the future lies not in transforming cultures to become one pale international culture but in reinforcing and revitalizing local strengths and cultural outlooks.

Junior Year Abroad Program

The Junior Year Abroad (JYA) Program at AUB, this year, includes 36 students from different educational centers in the US. The sponsors of these students are the Great Lake College Association (GLCA) Program, the California Education Abroad Program (CEAP), Beloit College and the University of Southern California.

Professor L.P. Cajoleas, Director of Extension and Special Programs at AUB has explained that the JYA Program was started eleven years ago, in 1963, by a contract with GLCA, followed by contracts with the University of Southern California in 1966 and with CEAP in 1967. The JYA Program this year, he said, has 14 GLCA students, 18 CEAP students, three students from Beloit College, and one student from the University of California.

The Program provides American students with a better understanding of the Arab world, its language, culture and problems. Students enrolled in this annual program usually arrive in Beirut early in September. Upon their arrival they attend a 3-week orientation program which includes classes in colloquial arabic, visits to historical sites in Lebanon, a stay in Lebanese villages, together with lectures and talks with Lebanese students and professors. Before the start of the academic year, they attend a reception given by the Dean of students and are introduced to the AUB campus. Most of the students find the 73 acre campus fascinating with its unique site overlooking the Mediterranean.

GLCA and CEAP groups have advisors at AUB. Mrs. D. Yaqub, CEAP coordinator and part-time professor for three years, has explained that the overall program is especially designed



for American students who are interested in the Middle East and who have a minimum academic average of B.

Professor A. Stewart, GLCA advisor for this year and part-time professor says GLCA program students must have a good academic standing and an interest in the Middle East.

The JYA students interests and views are varied. Miss Marilyn Ezzy, of Arab origin and a student in child development, is interested in a cross-cultural study in child raising of American and Lebanese children. Miss Candice Havens, who is studying Business Administration, enjoys social life at AUB and says the country is hospitable. Mr. D. Alindugan, a senior in Anthropology, finds the standard of education at AUB quite high. He says he is not used to the formal way in which some professors conduct their classes. Mr. Steven Lee McCumsey, a History student says his awareness of the Middle East question has increased since his arrival here, and Mr. John Parssinen, a Ph.D. graduate of the University of Southern California and post graduate student at AUB describes himself as an American who knows the Middle East and its problems and who supports Arab right.

AUB in the Press

ALUMNI

LECTURE IN TUSKEGEE



The Tuskegee, Ala., *News* has reported that Dr. Khalil Georges Wakim was guest lecturer at a physician-in-residence program which was presented by the Rehabilitation Medicine Service, VA Hospital, Tuskegee. Dr. Wakim, a native of Miyyi, South Lebanon, received his M.D. from AUB in 1933 and Ph.S. from the University of Minnesota in 1941. Dr. Wakim has served as consultant in physiology and as a professor in the Mayo Clinic; professor in the Mayo Graduate School of Medicine (University of Minnesota), Rochester, since 1946.

WITH TEXACO IN BEACON

The *Poughkeepsie Journal*, Poughkeepsie, N.Y., the *Beacon*, N.Y. and *Free Press*, the Newburgh, N.Y. *News*, and the Wappingers Falls, N.Y., *W. & S.D. News* have reported the promotion of Mr. Mahmoud S. Kablaoui to Research Chemist, Fuels Research Section, at the Texaco Research Center, Beacon, mentioning that he received his BS degree in chemistry from AUB.

ON BOARD OF DIRECTORS OF HEART ASSOCIATION IN BOSTON

The Boston Mass., *Parkway Transcript*, which reported that Dr. Ernest M. Barsamian was recently named to the board of directors of the Greater Boston Heart Association, mentioned the following:

A graduate of the American University in Beirut, Dr. Barsamian also received his degree in medicine there. He is a member of the American College of Surgeons, the American Thoracic Society, the American College of Chest Surgeons, the American Medical Association, the New England Surgical Society and the Association of VA Surgeons.

In Recognition OF

HIGHEST ATTAINMENT OF SCHOLARSHIP

Of the 194 students on the Dean's Honor List of the Faculty of Arts and Sciences, the following attained averages of not less than 90 during the second semester of 1972-1973 :

SENIOR CLASS (44 in all)		Darakjian, Nazareth	91
Audeh, Miss Mona	95	Jabr, Salim	91
Baalbaki, Ramzi	95	Khuri, Marun	91
Halazun, Miss Shadin	94	Khuri, Najib	91
Yff, Philip Nicholas	93	Khuri, Radwan	91
Shihabi, Miss Susan Reama	92	Langenwalter, Miss Marjorie Jane	91
Umran, Miss Halah	92	Pelissier, Michael Andrew	91
Amassian, Ashod	91	Shua'yb, Andre	91
Fulayhan, Nabil	91	Atiyyah, Bisharah	90
Hunaykati, Miss Samya	91	Haykal, Hani	90
Akmakji, Miss Welma	90	Mihyu, Marwan	90
Atallah, Miss Marcelle	90	Subaytani, Usamah	90
Bakalian, Miss Anny	90	Wazin, Jack	90
Colley, Miss Rhona Ann	90	SOPHOMORE CLASS (67 in all)	
Fahey, Dennis	90	Hilu, George	94
Ghattas, Miss Kamilya	90	Dajani, Miss Aida	93
Juraydini, Wadi'	90	Suwaydan, Joseph	92
Makhluaf, Miss Marie-Adma-Carla	90	Hashwah, Miss Nahlah	90
Nadir, Jihad	90	Hindi, Munthir	90
JUNIOR CLASS (60 in all)		Kanawati, Isa	90
Royal, Miss Anne Marie	94	Khuri, Muin	90
Spurr, Stephen G.	94	Najjar, Hisham	90
Fletcher, Miss Madeleine	93	Shamma'a, John	90
Hijab, Omar	93	FRESHMAN CLASS (20 in all)	
Ja'ja', Joseph	93	Abduh, Ghassan	91
Makarun, Michel	93	Furayj, Bisharah	91
Tajir, Sharbil	93	Acyl, Mahamat	90
Wilson, Daniel Kevin	93	Bozorgui Nesbat, Saied	90
Bazzi, Miss Alia	92	Issidorides, Miss Photini-Daphni	90
Ismail, Nuhad	92	Marar, Miss Basimah	90
Tadjeran, Hamid	92	Salameh, Miss Rhanda Jay	90
Atwah, George	91	SPECIAL (FULL-TIME) STUDENTS	
Bartamian, Leon	91	Bitar, Mrs. Martha Lee	92

Syndicate's Housing Scheme For Workers and Staff

The AUB Workers and Staff Syndicate recently informed its members that the 3C's Housing firm has agreed to finance and execute the Syndicate's housing scheme.

The President and Secretary of the Syndicate, Messrs. John Saba and Saifeddin Karam have said in a circular that the project will be sited in the Doha-Na'meh area, 17 kilometers south of AUB, and will include villas, detached houses and apartments.

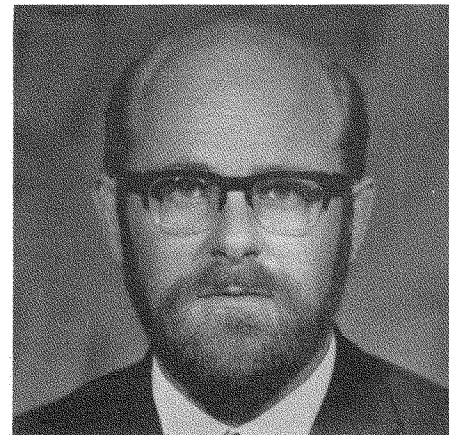
The project's land plots — 850 and 1500 square meters — will be sold for LL 22 a square meter during the first six months, and for LL 32 a square meter later on for another six months.

The price of a square meter covers the installation of electric power, water, road, sewer and telephone services.

A participant in the housing scheme may purchase a plot of land without intending to build on it. This can be done against a 20% down payment, with the balance paid over a period of seven years. Participants who purchase the land plot and building will pay 10% only; the balance will be paid over a period of ten years.

Details and maps will be available soon and members will be supplied with transportation to go and see the housing scheme site.

New Book By Prof. E. Boecker



William Faulkner's Later Novels in German : A Study in the Theory and Practice of Translation is a new book by Professor Eberhard Boecker, Chairman of the Department of European Languages and Literature.

The book examines the German translations of six of William Faulkner's later novels on the basis of selected categories from both traditional and modern linguistic theories of translation, as well as from modern stylistics. The method thus preserves, for the area of literary translation research, the union of linguistics and literary scholarship.

Part One of the study is concerned with a critical examination of some of the most important contributions to the theory of translation up to 1971. Part Two determines, on the basis of a detailed analysis of the six novels selected, the degree and kind of falsification which Faulkner has suffered in German translation. The writer addresses himself, first, to the difficulties which arise in the translation of the « realistic » speech of Faulkner's characters (colloquialisms, dialect, slang and vulgarisms, register). A second section is devoted to an examination of Faulkner's authorial style, in particular the problem of finding an adequate rendering of the typically Faulknerian stylistic feature of the conscious use of unconventional modes of expression on the levels of phonic substance, lexis, rhetorical figures, and syntactic structures. The final section examines the extra-linguistic (ethnographic) problems of translation which derive from factual differences in the actual 'worlds' (as opposed to the linguistic 'world-views' which were the subject of the earlier chapters) of original and translation.

Mrs. Salwa Es-Said Awarded CBE



Mrs. Salwa es-Said, AUB Trustee, has been presented with the insignia of Commander of the British Empire (CBE) by the British Ambassador, H.E. Mr. Paul Wright, acting on behalf of Her Majesty Queen Elizabeth.

The presentation of this distinguished British award was made to Mrs. es-Said at a ceremony which H.E. the British Ambassador and Mrs. Paul Wright gave at their residence in Beirut. The ceremony was attended by all members of the Baalbeck Festival Committee and also by President S.B. Kirkwood. As one of the founders and former President of the Baalbeck Festival Committee Mrs. es-Said has contributed much to cultural exchanges between Lebanon and Great Britain.

Doctors Diab and Bickers Elected Professors Emeriti



Dr. William Bickers

President Samuel B. Kirkwood announced recently that the Board of Trustees of the University has appointed Doctor Alfred Diab and Doctor William Bickers professors emeriti in the School of Medicine of the Faculties of Medical Sciences.

Doctor Diab, Chairman of the Department of Otorhinolaryngology has spent forty years at AUB in the service of medicine and patients. He is holder of several distinguished Lebanese and Arab medals, among them the Medal of Medical Merit of the First Rank.



Dr. Alfred Diab

Doctor Bickers, Chairman of the Department of Obstetrics and Gynecology has served AUB for more than twenty five years. His services have also been extended to a number of Arab capitals and he has written many articles which show his affection for this country.

Both Doctors Diab and Bickers have taught successive generations of graduates in this part of the world, and both are authors of medical papers and books which have much reference value. They have also participated in tens of congresses and seminars in Lebanon and abroad.

Postgraduate Course on Cancer

The Postgraduate Committee of the AUB School of Medicine has announced that a 2-day course in Cancer is to be given on February 23-24, 1974 at the American University Hospital by faculty members. The topics to be discussed include the magnitude of the problems of cancer, recent advances in the therapy of leukemia and lym-

phomas, advances in the medical surgical and radiotherapeutic treatment of solid tumors, new concepts in immunotherapy cancer, and means of control of cancer.

World known speakers in the field of cancer have been invited to lecture at this course which is open to doctors who wish to participate.

AUB BULLETIN

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.



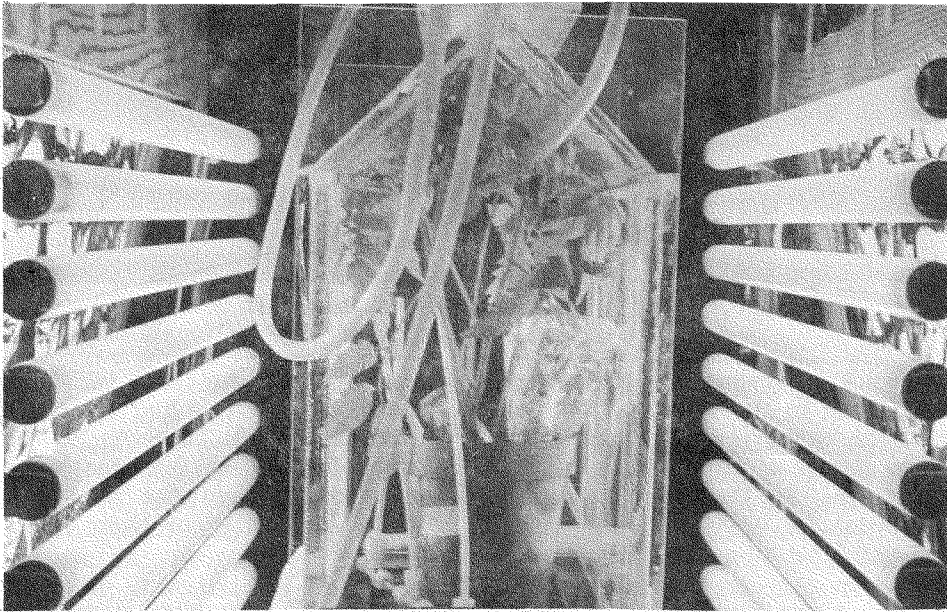
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Agricultural Research Grants Worth More Than L.L. 500,000



Tomato plant in photosynthetic chamber

In addition to AUB funds allocated to research, members of the Faculty of Agricultural Sciences (FAS) were active this year in obtaining grants from outside agencies in order to promote their research activities which are oriented towards the solution of agricultural problems in Lebanon and the Middle East.

Research grants received this year by FAS have amounted to more than LL 551,000, most of which came from the Lebanese National Council for Scientific Research (NCSR) which offered more than LL 424,000. The remaining amount of around LL 127,000 came from agricultural chemical companies and other agencies.

A good number of research projects pertaining to these grants are conducted at the various FAS departments. Professor R. Nightingale of the Department of Agricultural Economics and Sociology has received a grant from

the Litani River Authority to conduct an agricultural credit survey in Southern Lebanon. He also has a grant from USAID/Pakistan to conduct an economic analysis of the accelerated wheat improvement program in Pakistan.

At the Department of Animal Production and Protection, the control of Mastitis in cow's milk is studied by Professor J. Asmar, and a survey of the pollution of chicken eggs with non-nutritive feed additive residues is being made by Professor N. Daghir.

The Department of Crop Production and Protection is conducting several projects. Professors S. Abu Shakra and R. Nightingale are studying the seed industry in Lebanon and the quality status of seeds used for sowing. The state of natural flora and plant communities in Lebanon is studied by Professor S. Chaudhary in cooperation with Professor S. Abu Shakra. In addition,

cont'd on page 3

CHEMICAL ENGINEERING COURSES OFFERED

Two chemical engineering courses are currently offered to students in Engineering, Chemistry and Food Technology. Chemical Engineering I, which stresses the analysis of industrial chemical processes was first offered in the fall term of 1972-73. This course includes visits to local industries involving chemical processing. It also includes a student project which provides for an analysis of some particular industrial process already existing or which is of future interest to the Middle East.

The second course, Chemical Engineering II studies separation processes which are used extensively in the chemical and petrochemical industries. This course also includes a detailed study of distillation columns and of other industrial separation techniques.

These courses, which are administered by the Department of Mechanical Engineering are designed for students who may later be working in chemical or petrochemical industries or in food processing industries. They offer an excellent exposure to chemical engineering for students who are considering graduate study in this field after completing undergraduate requirements in Chemistry or in Engineering at AUB. These courses, as well as two additional courses being considered for the coming academic year, have been made possible by a special grant from the Exxon Corporation.

Professor Joseph Clumpner, who holds Chemical Engineering degrees from MIT in addition to a Ph. D. in Applied Mechanics is pleased with the interest shown by students in these courses. Studies in Chemical Engineering are basic for those seeking employment opportunities in the rapidly expanding petrochemical industry of the area.

University Chapel Services

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge.

CONCERT

FRIDAY, Feb, 15, 8:30 p.m. —
CELLO AND PIANO CONCERT
Luis LEGUIA (Cello), Curtis
STOTLAR (Piano) — USA.

Assembly Hall
Tickets: LL 15, 10, 7 and 5

RECITAL

THURSDAY, Feb 21, 8:30 p.m. —
PIANO RECITAL by Abdel
Rahman EL-BACHA.
Assembly Hall

Entrance Free

« BARTOK'S MUSIC AND BEYOND »

The Department of Fine and Performing Arts is sponsoring a lecture by Professor Richard Scott on «Bartok's Music and Beyond», to be given on Tuesday, February 26, 1974 at 6:30 p.m. in West Hall, Auditorium B. All are welcome.

CHAPEL LECTURES

The Chapel of the American University of Beirut is pleased to announce a series of lectures exploring the subject «Theology within the Context of the University.»

February 27: Charles Malik, Distinguished Professor, Department of Philosophy, AUB.

March 13: George Khairallah, Senior Lecturer, Department of English, AUB.

March 27: George Miller, Assistant Director, Office of Tests and Measurements, AUB.

Each Chapel Lecture will include a period of discussion and will be held in the Faculty Room of Marquand House at 8 p.m.

SERVICE PINS AWARDED TO SEVEN BUSINESS SERVICES EMPLOYEES



l. to r. Mr. A. Hajj, Miss Olga Khoury, Mr. H. Ruetzel, Mr. F. Haddad, Mr. D. Jurdak, Mr. T. Aridi.

Service pins were awarded late last month in the Faculty Lounge to seven employees and workers of the Office of Business Services — Messrs. F. Haddad, T. Aridi, D. Jurdak, A. Hajj, F. Hammoud, I. Assaf, and Miss Olga Khoury. The honored employees and

AUB HEALTH INSURANCE PROGRAM OPTIONAL TO LEBANESE STUDENTS

The Lebanese Government has recently decreed that all Lebanese nationals attending universities and colleges in Lebanon shall be included in the Government Medical Service Program, otherwise referred to as the National Social Security Fund Medical Branch for Students (NSSF). This is essentially the same medical insurance program which covers the greater number of employed citizens of the country.

According to the new decree, it is mandatory that all Lebanese students of AUB, not over 30 years of age, shall join the above Government program. Only those Lebanese AUB students who are pursuing a course leading to a University degree (U.O.P. in-

workers, totalling 105 years of service, were thanked by Mr. Herbert Ruetzel, Director of the Office of Business Services who conveyed to them the gratitude of the University for their services.

cluded) are covered by the new law which provides that a student subscriber shall be eligible to receive 70% of all medical costs (including prescribed medicine) which the said student incurs.

As many students may wonder whether to continue with the AUB Hospital Insurance Program (HIP), while covered by the NSSF, the University has announced that HIP shall be optional to Lebanese AUB students who may wish to continue, or discontinue their HIP membership. Students who decide to discontinue their HIP coverage have been asked to submit their decision in writing to the Benefits Coordinator not later than February 16, 1974.

BYRON PORTER SMITH LECTURE SERIES

Mr. P. Gotch (Guest Lecturer in the above series) is scheduled to speak on February 28—7:30 p.m., Lecture Room, West Hall.

His lecture is entitled: **A Girdle Around the Earth — Shakespeare's University.**

COMMITTEE TO ADVISE GOVERNMENT ON WAYS TO COUNTER INFLATION COMPOSED OF FORMER AND PRESENT FACULTY

Papers reported recently that the Council of Ministers has decided to accept the basic measures proposed by a group of experts to deal with the inflationary situation in Lebanon. The measures aim at countering inflationary pressures emanating in particular from domestic factors and at re-

addressing the inequities of inflation. They span a number of fields and have been drawn up as a coordinated program. The experts include Messrs. Khalil Salem, Salim Hoss, Samir Makdisi, Isam Achour, Muhammad Attallah and Roy Karaoglan.

FAMOUS SPECIALISTS LECTURE AT POST GRADUATE COURSE IN CANCER

The AUB Committee on Post-Graduate Medical Education is organizing at AUH a post-graduate course in cancer on Saturday and Sunday, February 23-24. Three world known cancer specialists — Doctors William Shelly (US), Chester Southam and Keith Hannan (UK), and Georges Mathé (France) — will participate in this course. Epidemiology of cancer and recent advances in the therapy of lymphomas, leukemias and solid tumors are among the topics to be discussed.

This course is open to physicians against a registration fee of L.L. 50.

AGRICULTURAL RESEARCH GRANTS WORTH MORE THAN L.L. 500,000

cont'd from page 1

Professor Chaudhary has obtained a NCSR grant contract, which will be signed soon, to study the biosystematics of some legume genera. A project on multiple cropping potentials in Lebanon is conducted by Professor Hikmat Nasr. Professor R. Khalidi, in cooperation with Dr. S. Dannaoui of the Lebanese University and Mr. S. Kassab of the Agricultural Research Institute, will sign a contract soon with NCSR to study olive tree nutrition in some important olive growing areas in Lebanon.

In the area of Agricultural Mechanization, Professor H. Henderson is conducting a project which deals with the development of machines feasible for local manufacture. Research is also conducted in the area of Entomology, in Crop Protection. Professor A. Talhouk has two grants: one from CIBA-GEIGY on aphid research, and the other from NCSR on vectors of various diseases. Professor N. Kawar has three grants: one from Maldina Co. on pesticide residues, another from IAEA on the same problem, and the third from NCSR on pesticide residues in Lebanese foods, water and biological materials. In Plant

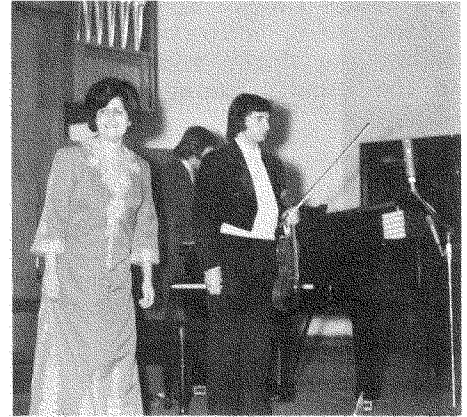
Pathology, Professor A. Saad has received a grant from the Northern Ireland Seed Potato Marketing Board to study potato diseases, and Professor H. Weltzien has obtained a grant from the Volkswagen Foundation to study the geographic distribution of diseases and pests in sugarbeet and cotton in the Middle East region. In the area of Weed Science, Professor A.R. Saghir has received a grant from NCSR to study the control of Orobanche and other weeds.

At the Department of Food Technology and Nutrition, Professors R. Tannous and A.H. Hallab are studying food preparation and processing of fruit juice, baby food and baby biscuit. Professor A.H. Hallab has another NCSR grant to study supplementation of Arabic bread.

Professor A. Sayegh of the Department of Soil and Irrigation has two grants: one from BASF Co. to study the effect of hygromul on calcareous soils of Lebanon, and the other project is on soil mineralogy.

In addition to the research grants, FAS has several graduate assistantships from Ford Foundation and UNICEF.

MINISTER OF EDUCATION ATTENDS DUO RECITAL BY MR. N. SUCCARI AND MISS D. TAKY DEEN



Mr. Nejmi Succari and Miss Diana Taky Deen gave last month a violin and piano recital before a large audience in the Assembly Hall headed by H.E. the Minister of Education and Mrs. Edmond Rizk.

Sponsored jointly by the AUB Department of Fine and Performing Arts and Les Jeunesses Musicales du Liban, this duo recital included works by Beethoven, Brahms and Franck.

COURSE IN LEBANESE LITERATURE IN ENGLISH

The Department of English has decided to teach a course on Lebanese literature originally written in English, and has at the same time prepared studies on English literature which has reference to Lebanon and Lebanese heritage. This department will begin offering this course at the start of the second semester in mid-February. The course includes works in English by three Lebanese writers — Amin Rihani (1876-1940), Gibran Kahlil Gibran (1883-1931) and Mikhail Naimy (1889 -).

Professor Suheil B. Bushrui, Chairman of the Department of English will be teaching this subject.

Professor Bushrui has announced that the AUB Department of English is preparing to celebrate next June the 50th anniversary of the publishing of Gibran's «The Prophet».

PANEL ON CONSERVATION SPONSORED BY WOMEN'S LEAGUE



Mrs. S.B. Kirkwood lecturing with I. to r. Professors Acra, Malouf, Gillie and Hardy.

«A Panel on Conservation» was arranged early last week at Beirut University College by the Women's League. Four experts, all AUB faculty members, participated: Mrs. Samuel B. Kirkwood, Landscape Design; Professor Francis Blaise Gillie, Town and Regional Planning; Professor John Hardy, Biology; and Professor Aftim Acra, Environmental Health. The moderator was Professor Khalil Malouf, Chairman of the Order of Engineers and Associate of the AUB Faculty of Engineering and Architecture.

Professor F.B. Gillie discussed the rapid growth of Beirut and other areas in Lebanon, and explained that strict zoning laws and regulations should be issued and severely applied to make planning possible. Professor Gillie pointed out that considering its small area Lebanon is densely populated. Population, he said, is annually increasing by 2.2%. This increase reaches 5% in Beirut where 400 newborns are registered every week.

Mrs. S.B. Kirkwood, who spoke at length of the conservation of wildlife, said the aim of the panel was to assist in saving Lebanon's natural resources. She urged for measures to protect the country's

wooded areas and called for extensive reforestation plans in areas which no more have trees. Mrs. Kirkwood discussed the importance of trees and plants in preserving water resources, and stressed the need to save the country's agriculture which is seriously threatened by indiscriminate building.

Professor Aftim Acra warned against noise and the pollution of air and fresh water. Pointing out that the fresh water potential is enough for the country's needs, Professor Acra said this wealth should be preserved and utilized and not allowed to flow to the sea.

Professor John Hardy talked of the dangers of marine pollution. Six types of pollutants, he said, are threatening the fish: solid wastes, sewage, pesticides, oil, thermal heat, and plastics. He explained that plastic bottles and bags result in pollution and dissolved plastic chemicals can be concentrated in fish.

In speaking of the necessity to protect the environment against pollution, all participants were unanimous in urging for a coordinated campaign to enlighten citizens and appeal to their individual and group contributions to halt this mounting threat.

XXIV MIDDLE EAST MEDICAL ASSEMBLY

The 24th Middle East Medical Assembly is scheduled to be held at AUB on May 2-5, 1974. This important annual event enables physicians of the Middle East to meet and exchange views, and listen to lectures by world known specialists.

Topics to be discussed include tuberculosis, population planning, metabolic bone disease, trauma, hemodialysis, pigmentation, drugs in pregnancy, placental exchange, certain aspects of cardiology and of chest disease, causative factors in cancer; as well as the annual Penfield Lecture, to be delivered this year by Professor Earl Walker, on Cortical Epileptic Activity.

Dr. K. A. Feisal, Chairman of the 24th Middle East Medical Assembly has announced that abstracts of papers to be considered for presentation should be submitted to him before March 15, 1974. Shortly after this date a Special Committee will meet to select the papers to be presented and inform their authors. In general free communication must not exceed 15 minutes each.

SYMPOSIUM ON CHILD HEALTH

The refresher course in School Health, held at the American University Medical Center in cooperation with the World Health Organization (WHO) and UNICEF ended last week. During this two-week refresher course, a wide range of topics were the subject of papers and discussions, among them nutritional problems, growth and mental development, smoking and drug abuse, preventive medicine, and other school health problems.

Eighteen doctors from fourteen countries east of the Mediterranean participated in this refresher course which was offered by Professors of the AUB School of Public Health and the Department of Pediatrics. Dr. Jamal Harfouche of the AUB Department of Public Health was moderator of the program.

SENIOR GEOLOGY MAJORS MAP LEBANON

The AUB Department of Geology assigns each year a different area for the «Individual Field Work» course. Last year, ten AUB senior Geology majors completed this course in an area of 80 square kilometers near Jezzine where they spent around six weeks in intensive geological field mapping which supplied the scientific material for their final reports and geologic maps. The class of the previous year went to Qartaba and Laklouk.

Before proceeding with this extensive surface geology course, the senior majors receive, on campus, a two-week course which involves theoretical and practical training on how to use various instruments and apply field methods and techniques in different geologic investigations.

The ten students, including two women students, formed a typical AUB class. They represented several countries of the area and Western hemisphere, and their number was ideal for thorough individual supervision. Grouped in pairs, they were assigned five areas of sixteen square kilometers each.

The students were accompanied by Professor I. Kafescioglu who supervised a different group each day, and by Mr. Bashar Darghawth, graduate assistant who supervised another. Their field days involved a great deal of walking up and down steep hills and valleys to investigate the presence and inter-relationships of different rock formations ranging between 150 million years old Jurassic age to 80 million years old Cenomanian age, and caused by water solutions which affect the calcium carbonates in rocks, dissolving them into the strange shapes we see.

The students were equipped with various instruments — Brunton compasses and Abney levels to determine thicknesses, hammers to chop off pieces of rock for laboratory investigation, magnifying lenses, HCL acid to check carbonate rocks, measuring tapes and, of course, the inevita-

ble knapsack collecting rocks and solidly sitting on their shoulders and backs.

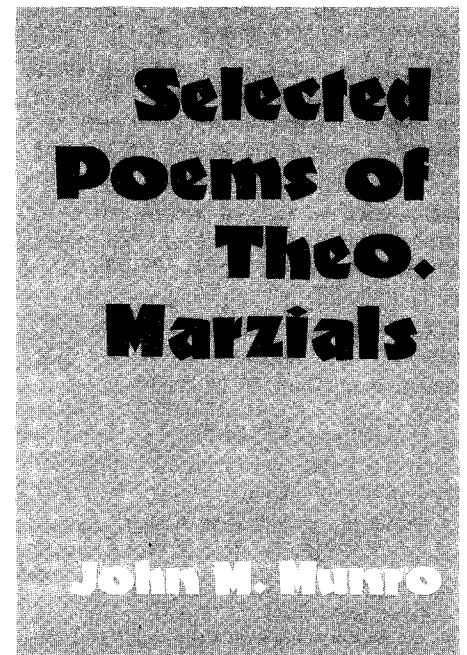
The reports they submitted included three geological maps and several stratigraphic sections showing the thickness and inter-relationship of different rocks in their area. Beside a general geological map and a separate structural map, a hydrogeological map showed streams and springs with their measured discharges, together with artificial structures like reservoirs and fountains.

Although this field mapping course is the first large-scale practical assignment for AUB senior Geology majors, some of the maps and texts they submit are of high quality. Geological maps prepared by them are to be included in the new 1:20,000 scale geological map series which the Lebanese Ministry of Hydroelectric Resources is undertaking to replace the 1:50,000 scale prepared during the Mandate. Professor Kafescioglu has explained that the AUB Department of Geology and the Ministry have been coordinating their work for this purpose. When completed, the 1:20,000 scale geological maps will greatly facilitate future exploration in Lebanon, the first Arab country to use this scale. Furthermore, airphotos are obtained from the Government Geophysical Department and supplied to senior majors to train them in studying these photos under a stereoscope which gives a three dimensional view of them.

Senior Geology majors point out that by studying rock formations and fossils they assist in solving population economics and geological problems. They argue that before a road is constructed or a cistern or reservoir dug, a geologist should be called in for advice.

The AUB Department of Geology is confident that its graduates have vast opportunities ahead of them. They already occupy responsible and well paid posts in firms and government departments of the region.

NEW BOOK BY PROF. J.M. MUNRO



The AUB Office of University Publications has just announced the appearance of its second scholarly publication of the present academic year, **The Selected Poems of Theo. Marzials**, edited by Professor John M. Munro of the English Department and Associate Dean of the Faculty of Arts and Sciences. The greater part of the 140 page volume contains a generous sampling of Marzials' verse, to which Professor Munro has provided a sixty-page introduction.

Though admitting that Marzials' reputation as a poet is slight, Professor Munro reminds us that Ford Madox Ford regarded his «lyrical and polished» verses as «by far the most exquisite that were produced by any of the lesser Pre-Raphaelite poets, and that William Bell Scott believes the poetic talents of this «noble eccentric man» were consistently underrated. It has been Professor Munro's aim to place Marzials' achievement in proper critical perspective, and to make the work of this little known poet more readily available.

Pre-publication orders for 250 copies are already on file, tangible evidence that AUB titles are making their way into the scholarly book market.

PROFESSOR A.R. SAGHIR CONSULTED BY FAO

Professor Abdur-Rahman Saghir, Associate Professor of Weed Science at the Faculty of Agricultural Sciences, was recently requested by the FAO plant production and protection division to study Kuwait's local weed problems and assist in setting up demonstration plots on chemical weed control. He was also asked to establish a weed control program in vegetables with special regard to mulching with clear plastic and with bitumen.

During Professor Saghir's

2-week stay in Kuwait, he met officials of the Department of Agriculture, UNDP/FAO project experts, and botanists from the University of Kuwait and the Kuwait Institute for Scientific Research, and visited experimental farms and various crop production areas in Abdali and Wafra. He also gave two lectures on «Recent Developments in Weed Control»: one in Arabic, at the Department of Agriculture and the other, in English, at the University of Kuwait before students of the Society of Biology.

EVENING COURSES AND SPECIAL PROGRAMS

The Division of Extension and Special Programs is sponsoring a variety of special courses and programs, February-June 1974.

The purpose of these programs is to provide opportunities for adults of different interests to continue their professional development and enhance personal growth through 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.

Professor Louis P. Cajoleas, Director of the Division of Ex-

tension and Special Programs has explained that two types of programs are offered. The first, Essentials of Business Certificate Program, consists of a total of eight courses offered over a period of two years. It is composed of the following courses: Accounting, Marketing, Finance, Quantitative Methods for Decision Making, Human Resources, Business Economics, Business Policy, Business Conditions. The second is Special Courses. These are of short duration and are non-credit. They include the study of various subjects like English, Colloquial Lebanese Arabic for Women, Photogrammetry and Map Production Techniques, Lebanon in Perspective (a survey of the history of Lebanon from ancient times to the 20th century), Islamic Art in Lebanon and Syria, Hindu and Buddhist Art, Painting, etc.

NEW FACULTY MEMBER

Dr. Michel Raphael, appointed last October in the rank of assistant professor is a new addition to the Department of Mechanical Engineering.

Professor Raphael graduated in 1972 from Texas A and M University with a Ph.D. in Mechanical

Engineering. His research was done in the area of Computer Fluid Dynamics. His interest lies in the fields of Fluid Dynamics, Heat Transfer, Dimensional Engineering Analysis, and Propulsion. He is presently teaching Engineering Thermodynamics and Internal Combustion Engines.

AUB IN THE PRESS

The Economist

The Economist of London published late last month a special issue on Lebanon entitled: The Tightrope Country — A Survey of Lebanon.

Under the sub-heading «A Place for Learning», this issue said the following of AUB:

«The American University, in particular, has probably sent out more men to become the Arab world's thinkers, economists, doctors and technocrats than any other university.»

«At the American university all the 4,600 students, of whom just over half are Lebanese, are full-time. Since the facilities are good, student action is usually tied to political issues, although recently there were strikes against an increase in fees. The politically-minded — and 60 per cent voted in the elections for the student council — fall into two general categories. By far the smaller is the conservative group which tends to think in terms of Lebanese nationalism and a gradual evolution of Lebanese society. Its members are largely Christian. The majority sees itself as revolutionary and although it includes many Christians is Arab-minded. Some student agitation has been tied to purely Lebanese issues, such as that about the plight of the south; but as the righting of such legitimate grievances would involve some sacrifices from the Lebanese middle class the students' depth of conviction on such matters is open to question.»

DR. HATEM OF CHINA

The Monroe, N.C. Enquirer-Journal has published a long story on Doctor Shafik George Hatem describing him as the most famous American in China who has an impressive record of more than 40 years of service in that country. The paper mentions that during the Depression, Dr. Hatem came on scholarship to study at AUB.

COMMITTEE TO ADVISE GOVERNMENT ON WAYS TO COUNTER INFLATION COMPOSED OF FORMER AND PRESENT FACULTY

Papers reported recently that the Council of Ministers has decided to accept the basic measures proposed by a group of experts to deal with the inflationary situation in Lebanon. The measures aim at countering inflationary pressures emanating in particular from domestic factors and at re-

addressing the inequities of inflation. They span a number of fields and have been drawn up as a coordinated program. The experts include Messrs. Khalil Salem, Salim Hoss, Samir Makdisi, Isam Achour, Muhammad Attallah and Roy Ka-raoglan.

FAMOUS SPECIALISTS LECTURE AT POST GRADUATE COURSE IN CANCER

The AUB Committee on Post-Graduate Medical Education is organizing at AUH a post-graduate course in cancer on Saturday and Sunday, February 23-24. Three world known cancer specialists — Doctors William Shelly (US), Chester Southam and Keith Hannan (UK), and Georges Mathé (France) — will participate in this course. Epidemiology of cancer and recent advances in the therapy of lymphomas, leukemias and solid tumors are among the topics to be discussed.

This course is open to physicians against a registration fee of L.L. 50.

AGRICULTURAL RESEARCH GRANTS WORTH MORE THAN L.L. 500,000

cont'd from page 1

Professor Chaudhary has obtained a NCSR grant contract, which will be signed soon, to study the biosystematics of some legume genera. A project on multiple cropping potentials in Lebanon is conducted by Professor Hikmat Nasr. Professor R. Khalidi, in cooperation with Dr. S. Dannaoui of the Lebanese University and Mr. S. Kassab of the Agricultural Research Institute, will sign a contract soon with NCSR to study olive tree nutrition in some important olive growing areas in Lebanon.

In the area of Agricultural Mechanization, Professor H. Henderson is conducting a project which deals with the development of machines feasible for local manufacture. Research is also conducted in the area of Entomology, in Crop Protection. Professor A. Talhouk has two grants: one from CIBA-GEIGY on aphid research, and the other from NCSR on vectors of various diseases. Professor N. Kawar has three grants: one from Maldina Co. on pesticide residues, another from IAEA on the same problem, and the third from NCSR on pesticide residues in Lebanese foods, water and biological materials. In Plant

Pathology, Professor A. Saad has received a grant from the Northern Ireland Seed Potato Marketing Board to study potato diseases, and Professor H. Weltzien has obtained a grant from the Volkswagen Foundation to study the geographic distribution of diseases and pests in sugarbeet and cotton in the Middle East region. In the area of Weed Science, Professor A.R. Saghir has received a grant from NCSR to study the control of Orobanche and other weeds.

At the Department of Food Technology and Nutrition, Professors R. Tannous and A.H. Hallab are studying food preparation and processing of fruit juice, baby food and baby biscuit. Professor A.H. Hallab has another NCSR grant to study supplementation of Arabic bread.

Professor A. Sayegh of the Department of Soil and Irrigation has two grants: one from BASF Co. to study the effect of hygromul on calcareous soils of Lebanon, and the other project is on soil mineralogy.

In addition to the research grants, FAS has several graduate assistanships from Ford Foundation and UNICEF.

MINISTER OF EDUCATION ATTENDS DUO RECITAL BY MR. N. SUCCARI AND MISS D. TAKY DEEN



Mr. Nejmi Succari and Miss Diana Taky Deen gave last month a violin and piano recital before a large audience in the Assembly Hall headed by H.E. the Minister of Education and Mrs. Edmond Rizk.

Sponsored jointly by the AUB Department of Fine and Performing Arts and Les Jeunesses Musicales du Liban, this duo recital included works by Beethoven, Brahms and Franck.

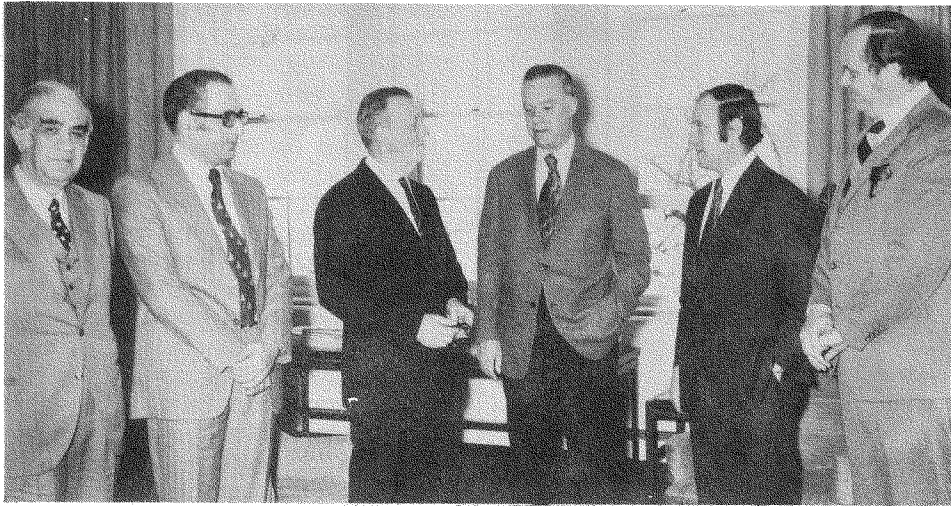
COURSE IN LEBANESE LITERATURE IN ENGLISH

The Department of English has decided to teach a course on Lebanese literature originally written in English, and has at the same time prepared studies on English literature which has reference to Lebanon and Lebanese heritage. This department will begin offering this course at the start of the second semester in mid-February. The course includes works in English by three Lebanese writers — Amin Rihani (1876-1940), Gibran Kahlil Gibran (1883-1931) and Mikhail Naimy (1889 -).

Professor Suheil B. Bushrui, Chairman of the Department of English will be teaching this subject.

Professor Bushrui has announced that the AUB Department of English is preparing to celebrate next June the 50th anniversary of the publishing of Gibran's «The Prophet».

JOHNS HOPKINS DELEGATION VISITS AUB



l. to r. Dr. Amin F. Haddad, Dr. Ratic Melhem, President S.B. Kirkwood, Dr. Russell H. Morgan, Dr. John Neff, Dr. James Potchen.

A senior medical delegation from the University of Johns Hopkins in the US arrived in Beirut last week for talks with President S.B. Kirkwood and senior members of AUB's Faculties of Medical Sciences related to the existing medical exchange program between the two universities. The delegation included Dr. Russell H. Morgan, Dean of the Medical Faculty and Vice-President for Health Divisions; Dr. John Neff, Dean of Educational Programs; and Dr. James Potchen, Dean for Administration of the School of Medicine.

The special exchange program between AUB's Faculties of Medical Sciences and the Johns Hopkins University School of Medicine is one of AUB's principal exchange programs. It was de-

signed in 1960 to provide advanced experience for younger members of the AUB Faculty preparing them for academic medical careers. This program is supported by a grant from the Commonwealth Fund of New York City.

During their brief stay in Beirut, members of the delegation praised the active role which Dr. S.P. Asper, Dean of the AUB School of Medicine and Chief of Staff at AUH has taken in the implementation of this successful exchange program. They noted that AUB medical graduates, who are carefully selected to study at Johns Hopkins on this program, return to Lebanon and the Arab world to improve medical education and health care in the Middle East.

PRIVATE PAPERS OF BAYARD DODGE

The private papers of the late Dr. Bayard Dodge, President of the American University of Beirut, 1922-1947, have now been organized and catalogued and are available for consultation in the archives of Jafet Library. These papers have been grouped together and are centrally located in the archives.

Besides the diary of Persident Dodge, covering the period 1913-1949, there is research material relating to his unpublished work, «Renaissance of the Middle East», and «The Fihrist of An Nadim» published in 1970 in 2 volumes, as well as early correspondence (1899-1912) and personal letters (1913-1940). The papers also contain material relating to the Turkish Orphange, Antoura, 1916-1918, in addition to material by and about President Dodge.

It is through the generosity of Mrs. Bayard Dodge that these papers have been made available to interested researchers and scholars.

REDUCED BULLETIN

Further to our previous announcement (November 1, 1973) of a fortnightly Bulletin instead of a weekly one, financial stringencies force us again to reduce this publication by half. A fortnightly 4-page Bulletin will appear next on Thursday, February 28.

AUB BULLETIN

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.



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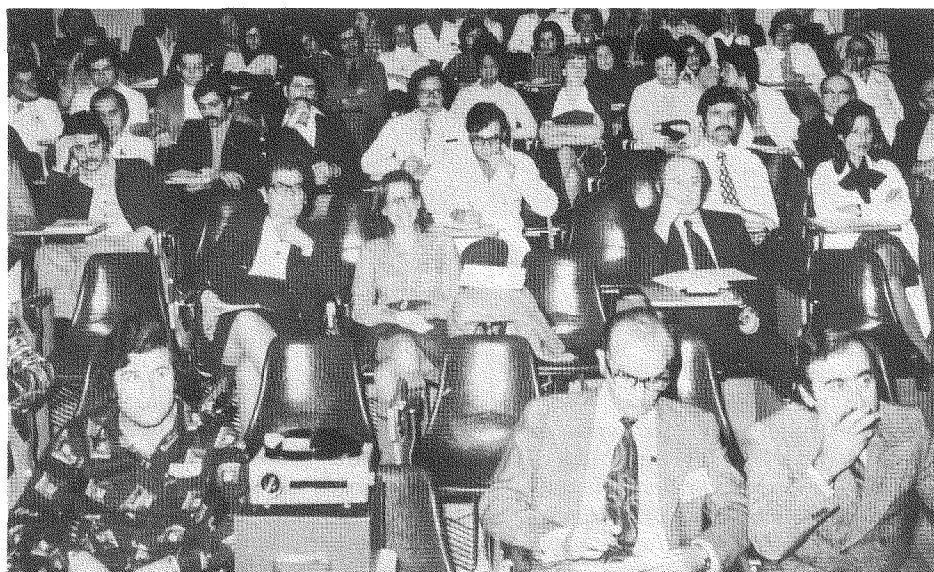
AUB BULLETIN



VOLUME XVII, No. 9

THURSDAY, FEBRUARY 28, 1974

First Post Graduate Course in Cancer held in Lebanon



The School of Medicine sponsored last week at AUH a post graduate course in cancer considered to be the first conference of its kind in Lebanon. Specialists from France, UK and the US participated in this course together with a number of professors of the Faculties of Medical Sciences.

This medical conference was totally devoted to recent advances in cancer research, and its objective was to provide general practitioners in the Middle East with the latest methods used in the treatment of cancer.

The conference presented cancer as

a major health problem which required the mobilization of all society's scientific, social and financial forces to control. It also presented Lebanon as an important health center in the Middle East, particularly in relation to Arab countries.

The main subjects discussed at this conference included the magnitude of the cancer problem, prevention and early detection of cancer, advances in cancer surgery and radiation therapy, advances in chemotherapy, the curability of acute leukemia in children, immunotherapy and the significance of planning in the treatment of cancer.

Courses On South And Far Eastern Religions

The Department of Religious Studies is offering three courses in its branch of South and Far Eastern religions. The first, on Hinduism — from 300 AD to 1500 AD — covers Vedic Brahmanism, incarnational devotion, Vedanta Philosophy and mystic devotionism of Rama and

Krishna. The second, on Hindu and Buddhist Art, architecture, sculpture and painting — from the 4th century BC to 14th century AD — covers the evolution of Temple Architecture, various styles of Temple buildings, the Rock-Cut of Buddhist

cont'd on p. 3

AGRICULTURAL PROGRAMS WITH JORDAN

Dean J. W. Cowan and Professor Fawzi Al-Haj of the Faculty of Agricultural Sciences (FAS) visited Jordan late last year to review with government personnel a number of agricultural extension and research training programs offered by FAS. The programs constitute a continuation of the original contractual agreement between AUB/FAS and Jordan's National Planning Council (NPC) in cooperation with USAID/Jordan.

A general discussion session of the program was held with H.E. the Minister of Agriculture and with Dr. Khalil Lubana and Mr. Said Ghezawi. The need for additional training was expressed in several areas, particularly poultry, animal production and plant physiology in the form of graduate level, research and in-service training. A similar meeting was also held with Dr. Hanna Odeh, Vice President of NPC.

The present training program was reviewed in general terms and various possibilities for future activities were considered in order to gear such efforts toward fostering agricultural development projects in Jordan.

The possibility of supporting some of the future training programs by the UN/FAO was discussed with FAO Project Manager Dr. Mustafa Kamal, and Mr. Said Ghezawi. Tentative dates were established to complete the current training programs before the end of next September.

Dean Cowan and Professor Al-Haj also visited the University of Jordan where they met the President and had an orientation session with Dr. M. Kasem, Dean of the recently established Faculty of Agriculture. On a trip to the Ghor, they visited Deir Alla Agricultural Experiment Station to observe research and training activities and consider possibilities to foster such activities.

UNIVERSITY CHAPEL SERVICES

Worship services for members and friends of the AUB community are held each Sunday in the University Chapel at 9:30 am. A coffee and conversation hour follow the thirty minute service in the Faculty Lounge.

ACTIVITIES

SATURDAY, March 2, — 8:30 p.m.

CONCERT — MODERN JAZZ

QUINTET

(Manfred Schoof, Germany)

Assembly Hall

Tickets: LL 10, 7, 5 & 3

TUESDAY, March 5, — 8:30 p.m.

PIANO RECITAL by Abdel Rahman

EI-BACHA

Assembly Hall **Entrance Free**

MONDAY, March 11, — 8:30 p.m.

PIANO RECITAL by Henry

GORAIEB

Assembly Hall Tickets : LL 15 & 5

TUESDAY, March, 12, — 8:30 p.m.

CONCERT — NATIONAL

CONSERVATOIRE ORCHESTRA

Assembly Hall **Entrance Free**

THURSDAY, March 14, — 7:30 p.m.

LECTURE — «THE COMIC MUSE»

by G. TAYLOR

West Hall — Auditorium «B»

FRIDAY, March 15, — 8:30 p.m.

«MUSICA VIVA» — CONCERT

(Cyprus Group)

Assembly Hall — AUB **By Tickets**

**NEAR EAST SCHOOL OF THEOLOGY
SUNDAY EVENING DIALOGUE**

7:30 — 9:00

March 3 — Prof. NADIM TARAZI, Lecturer in New Testament at the Theological Institute, Balamand.

« **The Use of Holy Scripture in the Orthodox Church** »

March 10 — Dr. WADI' D. HADDAD, President of the Center for Educational Research and Development.

« **Educational Reform in Lebanon : Compromise or Revolution ?** »

March 17 — Dr. ERICA DODD, Professor in the Department of Religious Studies, AUB.

« **The Image of the word** » — an illustrated lecture on Islamic Art

March 24 — Dr. PAUL LÖFFLER, Professor of Ecumenics and Mission, N.E.S.T.

« **Christian Mission and Islam : a New Approach Needed ?** »

University of Jordan Students Visit AUB



A delegation of eighty men and women students of the University of Jordan in Amman visited last week AUB to promote exchange programs and further contacts between the two universities

The Jordanian students were received in West Hall by the Dean of Students Professor Robert Najemy who briefed them on AUB's history and the various programs which this university offers the area.

Mr. Mohammad Kheir Maissir, Director of Student Relations at the University of Jordan thanked Dean

Najemy for the welcome accorded to the delegation and presented him with the emblem of the University of Jordan in appreciation of AUB and its students.

The Jordanian students, accompanied by Jordanian colleagues studying at AUB toured the campus and visited the Observatory, the Museum, the Central Jafet Memorial Library, and other buildings. Jordanian students at AUB this year number 459, the largest number of students from one country after that of Lebanese students.

Diamond Jubilee for Mr. A.S. Crawford

To honor Mr. Archie S. Crawford, Vice President of the International College on his 75th birthday, a dinner is to be given under the auspices of His Excellency Mr. Sleiman Franjeh, President of the Republic of Lebanon on April 23 at the Phoenicia Hotel in Beirut.

This dinner will mark over half a century of continued and devoted service by Mr. Crawford in the edu-

cation of many generations of students in Lebanon and the Middle East.

All those in Lebanon and abroad who wish to join in honoring Mr. Crawford are kindly requested to contact Miss N. Mudawar, Office of Development, International College, P. O. Box 236, Beirut - Telephone: 340740 Ext. 2445.

FOOTBALL MATCH - BOGAZICI UNIVERSITY (ISTANBUL) VS VARSITY

The Football team of ISTANBUL UNIVERSITY will play AUB VARSITY on Saturday, March 2 at 3:00 p.m. on the Grass Field. Students, Faculty and members of the community are invited.

AUB in the press

Dr. Charles Malik Participates in Institute

The Longmont, Col., **Times-Call** reported early last summer that the three-week ninth annual Institute for the Study of Comparative Politics and Ideologies was to be held at the University of Colorado in Boulder and that Dr. Charles H. Malik of AUB was offering a course on «Man in the Struggle for Human Dignity and Peace».

Other courses were also to be offered by Dr. Edward Teller, Professor of Nuclear Physics at the University of California, Professor Bertram D. Wolfe of the Hoover Institution on War, Revolution and Peace at Stanford University, and Dr. Walter Judd, former medical missionary to China.

Alumnus With Abbott

The **Poultry Times**, Gainesville, GA., reported in September that the first presentation of a newly established award by Abbott Laboratories was made to Mr. Hagop Isbentchian, regional director, North Central, Eastern Europe and the Middle East. An AUB graduate, Mr. Isbentchian holds a BS in Agricultural Sciences.

Poison for Beirut Rats

Under the heading: Poison Baseline for Beirut Rats Set — Feeding Habits and Susceptibility Are Necessary as Known Factors, the **Journal of Environmental Health**, Denver, Col., surveys a paper on the above by Dr. Jack Ibrahim, Assistant Professor of Environmental Health at AUB, and Mr. Ibrahim Samaha, Environmental Health Engineer at the Municipality of Beirut.

Voices

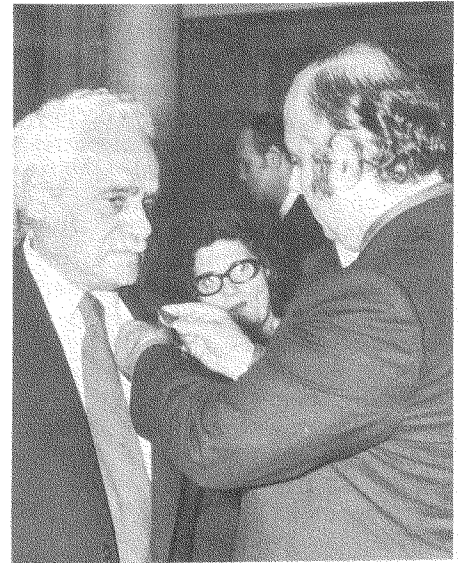
In reviewing the last issue of **Voices**, English Readers' Society journal, the **Daily Star** described it as «an echo of **Isis**, the best known Oxford University literary publication».

FORMER PROFESSOR OF PHYSICS DECORATED

H.E. the Minister of Education, Mr. Edmond Rizk has decorated Dr. Nicola Shahin with the Order of the Cedars, Knight rank, at a reception given recently at the Alumni Club. Dr. Nicola Shahin is former Professor of Physics at AUB where he served for half a century before he retired. The award was made in the name of His Excellency the President of the Republic, Mr. Sleiman Franjeh in appreciation of Dr. Shahin's scientific and educational services.

In reply to H.E. Mr. Rizk who thanked him for his devoted service to Lebanon, Dr. Shahin expressed his deep thanks to His Excellency President Sleiman Franjeh and Mr. Rizk for the honor accorded to him.

The reception was attended by many friends of Dr. Shahin and by AUB Vice President George Hakim and several men of letters and politics in Lebanon.



H.E. the Minister of Education decorating Professor Shahin.

By-election of AUB Workers and Staff Syndicate

Six candidates were elected two weeks ago by 1290 voters at the AUB Workers and Staff Syndicate by-election. Messrs John Saba, Saifeddin Karam and Yusuf Khoury were elected for the Staff, and Messrs Fuad Jabbur, Mufid Hashim and Shakir Shakir for the Workers.

The 12 man Board of the Syndicate

is now composed of Messrs John Saba (President), Rida Kabrit (Vice President), Saifeddin Karam (Secretary), Jean Baltagi (Treasurer), Mohammad Rashid (Assistant Secretary), and Izzat Sema'an, Yusuf Khoury, Ilyas Rubeiz, Fuad Jabbur, Shafik Khoury, Shakir Shakir and Mufid Hashim (Advisors).

Professor A.G. Karam Awarded State Prize For Literature

Professor Antoine G. Karam, Chairman of the Department of Arabic was last week awarded the State Prize for Literature for 1973. He was among several other men of letters who received this highly esteemed prize.

Professor Karam is former Dean of the Faculty of Letters of the Lebanese University. He is author of seventeen books and more than 100 articles, among them five articles in the Encyclopaedia of Islam (Brill, Leiden).

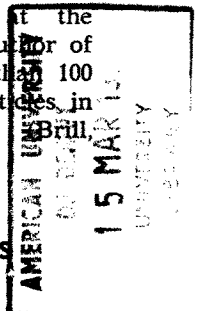
Courses On South And Far Eastern Religions

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Temple, the court Art of the Mourya, the Graeco-Indian Sculpture, the painting of famous Ajanta caves and later schools of Indian paintings. The third, on the religions of the Far East covers the predominant religions of China and Japan - Confucianism, Taoism, Zen

Buddhism and Shintoism with special reference to the social and cultural aspects of these religions.

Students find the program appealing. These courses, given by Professor H.S. Kotiyal, are sponsored by the Indian Council for Cultural Relations.



FIVE ALUMNI AND ONE FACULTY OCCUPY SENIOR CIVIL SERVICE POSTS

Government appointments of senior civil servants announced early last week include one faculty and five AUB graduates who now occupy the following Director General posts:

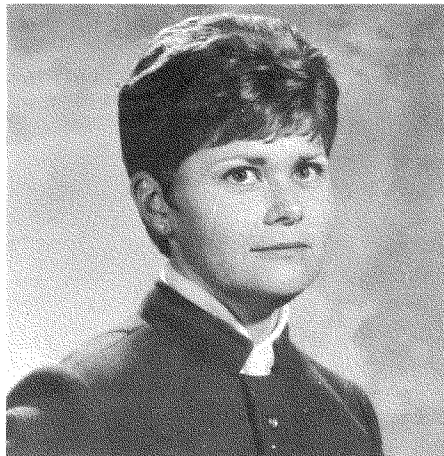
- Mr. Abbas Farhat (BA '51, MA'52), DG of Palestinian Affairs.
- Mr. Majid Sabri Hamadeh (BA '68), DG of Exploitation at the Ministry of Hydroelectric Resources.
- Mr. Mohammad Ali Itani (BA '42, BSCE '48), DG of the Ministry of Petroleum.
- Mr. Mahdi Mohammad Taky Sadek (BA '56), DG of the Office of Social Development.
- Mr. Monah Solh (BA '51, MA '53), DG at the Presidential Palace.
- Dr. Elias Hayeck, Lecturer at the AUB Department of Health Sciences Administration is appointed DG of the Ministry of Public Health.

THE FOOD WE EAT

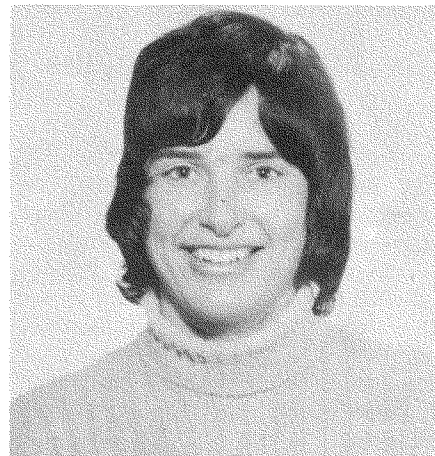
All members of the AUB Women's Association are invited to a lecture on March 7 by Professor Abdul Hamid Hallab who will speak on « The Food We Eat ».

They will meet the cooking group at 10 am sharp in Wing A of the Faculty of Agricultural Sciences for a cup of tea before proceeding to Room 331 for the lecture. A tour of the pilot plant is also arranged.

BECHTEL NURSE EXCHANGE PROGRAM IN ITS SECOND YEAR



Miss K. Silver



Miss M. Frame

The second year of the Bechtel Nurse Exchange Program between AUH and Samuel Merritt Hospital of Oakland, California, promises to be as fruitful as last year. Sponsored by the Lakeside Foundation, this program provides for an initial period of three years, each exchange being of one calendar year.

Two AUH nurses, Miss Salwa Melhem and Miss Shoushig Muradian have left for the Samuel Merritt Hospital while two nurses from this hospital, Miss Kathleen Silver and Miss Mary Frame are now at AUH which they find quite comparable to a teaching institution in the US.

At both the Samuel Merritt Hospital, which is a 365 bed non profit tax exempt hospital, and AUH the nurses on the exchange program receive individualized orientation and

on the job training with rotation around several clinical areas.

The aim of this program is to promote an inter exchange of professional nurses which will develop international understanding, respect and mutual awareness of different nursing methods and health care systems, all in a framework of significant clinical and educational experience.

Miss Frame had heard of AUB and this part of the world when she worked for Dr. Adour, Head of the ENT Department of Kaiser Clinic, in Oakland, who is of Lebanese origin.

Miss Silver and Miss Frame say they are impressed by the nursing service at AUH. They find the program stimulating and interesting, and the people friendly.

AUB BULLETIN

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.



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AUB FACES TOUGH DECISIONS AND MAY SELL PARTS OF CAMPUS

President Samuel B. Kirkwood has announced that the University is in a serious financial situation, and is pressed with a shortage of funds for 1974-5 of \$2.6 million and additional increased costs for 1975-6 and 1976-7. President Kirkwood explained that the prospects of budget support beyond the 1973-4 grant of \$6.2 million received from the Agency for International Development (AID) are dim according to officials in Washington.

President Kirkwood has just returned from New York where he attended last week's meetings of the AUB Board of Trustees. He has already met members of the AUB Faculties and Administration, and the Student Council, and informed them of the decisions taken at the Board meetings.

President Kirkwood said the AUB Administration had been able to balance the budget and had taken a series of measures to reduce costs and increase income, but that unexpected additional expenses resulting from inflation and the 10% increase in high cost of living, as well as the increase in the cost of supplies and necessary maintenance have left the budget seriously out of balance.

President Kirkwood went on to say that efforts must be multiplied to confront the deficit. He revealed that the Board of Trustees have agreed to sell some quasi endowment funds which are given without restrictions. The Board has also agreed to sell some University land plots around the campus. In announcing this, President Kirkwood urged for further reduction in expenses and for substantial increases in income, especially from the Middle East.

President Kirkwood said that it is sad to see the University sell its capitals, but that such drastic mea-

cont'd on p. 3

SYMPOSIUM ON AGRICULTURAL MECHANIZATION



A symposium on «Agricultural Engineering in the Middle East» was last week organized by the Faculty of Agricultural Sciences (FAS). Sponsored by the Agricultural Mechanization Club, this symposium was attended by a fact-finding mission of the UN Food and Agricultural Organization (FAO) which is currently touring selected countries of the Middle East.

This FAO mission, which was established at the recommendation of the 11th FAO Regional Conference held last year in Kuwait, has so far visited Egypt, Libya, Somalia and Iraq, and is expected to visit Syria, the Sudan, Pakistan and Afghanistan.

The symposium program featured

reports from a number of graduate students and professors of the AUB Faculty of Agricultural Sciences on research in agricultural engineering.

Participants in the symposium included Mr. Hartmet von Hulst of FAO Agricultural Engineering Services in Rome, Mr. Robert David Bell of the National Institute of Agricultural Engineering in Bedford, UK, Professors Harry D. Henderson of Agricultural Engineering and Brooke Greene of Agricultural Economics at FAS, and Dr. Hassan el-Tayeb El-Haj, Senior Lecturer at the Faculty of Agriculture of Khartoum University.

The 5-day itinerary of participants included a visit to the AUB farm in the Bekaa.

HIGH COST OF LIVING INCREASE

The University Comptroller, Mr. Donald J. Meyer, has announced that the recent government decree for increasing the monthly minimum wage to L.L. 275 and providing for 10 percent high cost of living with a

minimum of L.L. 50 and a maximum of L.L. 150, will cost the University L.L. 1,739,500 (\$ 724,800) annually.

The increase is retroactive to January, 1974, and will be paid to all eligible employees and workers with the March payroll.

CONCERTS ASSEMBLY HALL

FRIDAY, March 15, 8:30 p.m.
BEIRUT COMMUNITY ORCHESTRA
Tickets: LL 7, 5 and 3

SUNDAY, March 17, 5:00 p.m.
BEIRUT COMMUNITY ORCHESTRA
(Matinée) Repeat
Tickets: LL 3

SUNDAY, March 24, 6:00 p.m.
Piano Students of Sona Aharonian
By Invitation

TUESDAY, March 26, 8:30 p.m.
ORCHESTRAL (Conservatoire)
By Invitation

RECITALS ASSEMBLY HALL

TUESDAY, March 19, 8:30 p.m.
**PIANO (J.M.L. Concert) by Tatiana
Mardikian**
By Invitation

THURSDAY, March 21, 8:30 p.m.
PIANO by Alexander JENNER
(Austrian)
Tickets: LL 15, 10, 7 and 5

WEDNESDAY, March 27, 6:30 p.m.
LECTURE-RECITAL by John CLEGG
(Pianist) on Gabriel Fauré
Entrance Free

THURSDAY, March 28, 8:30 p.m.
PIANO by John CLEGG
Tickets: LL 10, 7, 5 and 3

LECTURE

THURSDAY, March 28, 7:30 p.m.
By Professor B. ALSLEBEN
«Robert Frost's Reception in
Germany»
West Hall — Auditorium «B»

EXHIBITION

MONDAY, March 18, to
SATURDAY, March 23 (all day)
ARCHITECTURE STUDENTS
West Hall — Common Room

HOUSING

Faculty apartments become vacant from time to time, especially during the summer months.

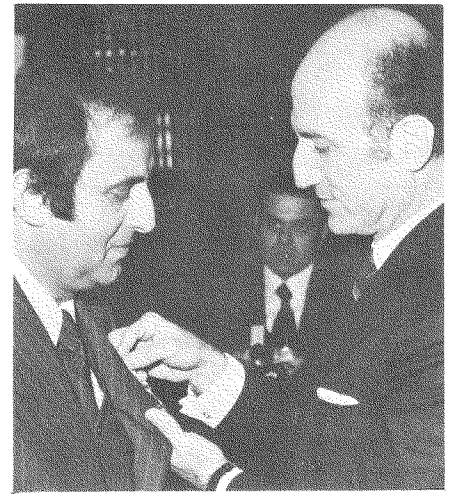
Interested faculty members should apply in writing to the Director of Housing. Only applications on file will be considered.

ALUMNUS AND FORMER PROFESSOR OF SURGERY HONORED

Dr. Fuad J. Dagher (BA '54, MD '58), former Associate Professor of Surgery at the School of Medicine was last month awarded the Lebanese Order of Merit by His Excellency President Sleiman Franjeh. The award, presented at a small ceremony held at the residence of Dr. Butros Deeb, Director General for Presidential Affairs is made in recognition of Dr. Dagher's work on kidney transplantation.

Dr. Dagher, now Professor of Surgery at the University of Maryland in Baltimore, USA, was recently in Beirut where he participated in the Sixth Surgical Congress of the Lebanon Chapter of the American College of Surgeons. At this congress, Dr. Dagher presented a paper entitled «Approach to the Problem of Shock», and chaired a panel on Organ Transplantation.

At the same ceremony, Mr. Joseph A. Dagher, father of Dr. Fuad Dagher, was also awarded the Lebanese Order



*Dr. Butros Deeb decorating
Dr. Fuad J. Dagher*

of Merit. Mr. Joseph A. Dagher, the well-known bibliographer and specialist in library science and documentation, and author of several books, was with AUB for two years as bibliographer for Arab studies.

Agriculture Chapter Honor Dean J.W. Cowan

The Agriculture Chapter of the Alumni Association held a dinner dance last month at the Alumni Club in honor of Dean and Mrs. J.W. Cowan. The dinner was attended by President and Mrs. S.B. Kirkwood, Ford Foundation officials, Faculty members and alumni.

Professor Raja Tannous of the Department of Food Technology and

Nutrition and President of the Agriculture Chapter, presented Dean Cowan who reviewed, in an address, the history and development of the Faculty of Agricultural Sciences (FAS) which was established by a Ford Foundation grant. He asked for the moral and financial support of Alumni to enable FAS to continue its progress towards the development of agriculture in the Middle East.

Lecture on Foreign Language Testing

The AUB Center for English Language Research and Teaching (CELRT) will present, on Thursday, March 28, Professor Wilga Rivers of the University of Illinois in a lecture on foreign language testing. Mrs. Rivers is the author of **Teaching Foreign Language Skills**; she will be enroute to the US

from a seminar she is conducting at the American University of Cairo. Her stay in Beirut will necessarily be brief and the Center hopes to include an informal discussion meeting for those interested in the psychological aspects of language learning.

Notice from I.C. Elementary School

The Elementary School of International College has sent the following notice for publication:—

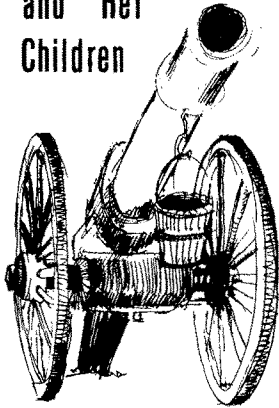
Vacancies for new candidates for next fall (1974-1975) are available in the KGI level (age by October 1st to be 3:7 — 4:6) for boys and girls in both Ras Beirut and Meshref

Elementary Schools. A few vacancies are also available in grade I (Ras Beirut) for boys and girls. Applicants (boys and girls) seeking admission to other levels, both in Ras Beirut and Meshref, can contact the Admissions Office by mid June when possible vacancies will be known.

MOTHER COURAGE

BRECHT'S

**Mother Courage
and Her
Children**



Brecht's **Mother Courage**, starring Naomi Gray-Wallis, Krikor Satamian and David Twigge-Molecey, directed by Peter Shebaya, designed by David Kurani, music by Allen Hovey, and costumes by Joseph Mottola, will be presented at the Gulbenkian Theatre (BUC) on March 22, 23, 28, 29, 30 at 8:30 p.m. and on March 24 and 27 (student matinées) at 6:30 p.m. Tickets at LL 5 and 3 are on sale at West Hall (AUB) and at BUC.

MATHEMATICS COLLOQUIUM

The sixth meeting of 1973-74 will be as follows:

Speaker: Dr. Suheil Yactin, College of Education, Lebanese University.

Title: «Computer Science and its Relation to Everyday Life».

Date: Thursday, March 21, 1974
3:30 p.m. Tea
4:00 p.m. Paper

Place: Room 116 Bliss.

10-YEAR SERVICE AWARD FOR MR. T. RAYYIS

Mr. Tanios Rayyis of Comptroller's Office was last month awarded the pin for ten years of service at the University.

ARAB LEAGUE DAY

The Director of Personnel has announced that Friday, March 22, Arab League Day, will be a University holiday.

PUBLIC TALK SERIES

The AUB Department of Business Administration and the Business Student Society have started their 1974 Public Talk Series by the heavily attended lecture which Dr. Salim Hoss, President of Lebanon's Development Bank, and ex-Chairman of the AUB Department of Business Administration gave last week on the subject of «Lebanon, and Arab Surplus Money». This series includes several other talks on current topics of interest to students, faculty and the business community.

Mr. Khatchig Babikian, President of the Lebanese Management Association, Member of Parliament, and former Cabinet Minister, and Dr. Nabil Shaath, Chairman of the Department of Business Administration at AUB, will be talking of «Lebanese Management: Past Record and Future Challenges». Friday, March 15, 1974,

6:00 pm, West Hall Auditorium B.

Mr. George Glass, Manager of International Marketing at the Shell Petroleum Co., Ltd., London, is to speak on «Planning the Marketing Strategy of a Multinational Corporation: The Case of Royal Dutch/Shell». Thursday, May 2, 1974, 5:00 pm, Faculty Lounge, Ada Dodge Hall.

«Scientific Management and the Insurance Industry», is the topic of the lecture to be given by Mr. Jean Chidiac, President of the Association of Insurance Companies in Lebanon. Date and place to be announced shortly.

Other talks by business leaders will be arranged in due course.

Professor Zuhayr Mikdashi of the AUB Department of Business Administration is coordinating this program of lectures.

RAINBIRD CO. DONATES EQUIPMENT TO FACULTY OF AGRICULTURAL SCIENCES

Rainbird Europe, a subsidiary of Rainbird International, of world fame in irrigation equipment, has just donated \$1000 worth of sprinkler equipment to the Department of Soils and Irrigation at the Faculty of Agricultural Sciences (FAS).

This donation was arranged by Mr. Jack Buzzard, General Manager of Rainbird Europe during a recent visit to Beirut, and by FAS alumnus Dr. Musa Nihmeh, Regional representative of the same company. The

donation is intended to enable the department to carry on its research program on irrigation methods under the supervision of Professor Nicola J. Atallah.

Recent work in this field has been the study of cooling crop environment by sprinkler irrigation under intense summer heat. The donated equipment will be used this year for the comparative study of irrigation methods on irrigated wheat.

AUB FACES TOUGH DECISIONS & MAY SELL PARTS OF CAMPUS

cont'd from p. 1

sure are inevitable if AUB is to get over its difficulties and continue its function. He pointed out that the Board has reaffirmed its decision to increase fees for 1974-5 by 10% in order to cover part of the deficit. The Trustees also voted to increase the amount of funds available for scholarships and to increase scholarship funds for needy new students.

President Kirkwood spoke of the negative effect which AUB student strikes have had on donors who consider the interruption of programs by strikes a serious matter. «If your students do not come to AUB to study then we are not going to support you anymore.» President Kirkwood was told. He also revealed that due to strikes many parents are

reluctant to send their children to AUB. President Kirkwood pointed out that students should find a proper way of expression without destroying the program of the University, and that faculty, staff and students should cooperate in finding such a way, otherwise AUB's function will be threatened.

Before concluding, President Kirkwood announced that a special fact-finding committee of academicians and administrators (the Harrington Committee) will be arriving in Beirut this month to investigate the University's academic and financial situations.

President Kirkwood concluded by pointing out that the situation of AUB is grim and worrying. He expressed, the hope, however, that students, faculty and staff will cooperate to overcome difficulties.

ENGLISH LANGUAGE TEACHING IN KUWAIT

A group of four professors from the AUB Center for English Language Research and Teaching (CELRT) are back from Kuwait where they spent ten-days last month visiting more than sixty English classes at the Intermediate, Secondary and University levels. Reports on the visits form part of the data on which recommendations for the improvement of English language teaching in Kuwait will be based.

The party, headed by Professor Daniel Cook, Director of CELRT, included Professor Neil Bratton, Mrs. Dorothy Yacoub and Miss Marilyn Raschka.

The visit to Kuwait is part of the AUB program for the survey of English language teaching in the Arab world.

PROF. SAMIR MAKDISI PARTICIPATES IN CONFERENCE

Professor Samir Makdisi of the Department of Economics participated last month in Kuwait in a conference to discuss possible alternative uses of projected Arab oil surpluses. Professor Makdisi, who attended this conference at the invitation of the Arab Planning Institute in Kuwait, said the conference focussed on the possibilities of utilizing Arab surpluses for the economic development in Arab countries and other developing economies. It also considered possible alternative uses outside the Arab world in the context of the evolving international monetary system.

DR. E.A. SALEM NAMED DEAN OF FACULTY OF ARTS AND SCIENCES

The Board of Trustees of the American University of Beirut has named Dr. Elie Adib Salem Dean of the Faculty of Arts and Sciences. The announcement was made last week by Mr. Howard W. Page, Chairman of the AUB Board of Trustees.

The 43-year old native of Bttram, Lebanon joined AUB in 1954 as instructor in the Department of Political Studies and Public Administration. From 1956 to 1962 Dr. Salem held the position of Assistant Professor of Middle East Studies at the Johns Hopkins School of Advanced International Studies in Washington, D.C. He returned to AUB in 1962 as Associate Professor and was named full Professor in 1968. Dr. Salem has served as Assistant Dean of the Faculty of Arts and Sciences and is currently Chairman of the Department of Political Studies and Public Administration.

Dr. Salem is author of two scholarly books: **The Political Theory and Institutions of the Khawarij**, John's Hopkins University Press, 1966 and **Modernization Without Revolution: Lebanon's Experience**, Indiana University Press, 1973. He is also author of numerous scholarly articles in



professional journals in the US, Europe and the Arab World.

The new Dean is an AUB Alumnus, (BA 1950). He earned his Ph. D. from the Johns Hopkins School of Advanced International Studies (1953). Dean Salem and his wife, the former Phyllis Sell of Pottstown, Pennsylvania reside in Baabda with their four children.

The Board expressed appreciation to Dr. Samir Thabet, Provost of the University, for serving as Dean pro tem during the current academic year.

BS DEGREE IN NURSING AT AUB

Lebanese male and female holders of Baccalaureat II who wish to study for a BS degree in nursing can now apply to join this new and dynamic

program at the School of Nursing of the American University of Beirut. Applications for the academic year 1974 are accepted until March 31st.

1974 AUB TELEPHONE DIRECTORY
The 1974 AUB Telephone Directory has been issued and is available at Business Services.

AUB BULLETIN

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.



Address
To:

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INTENSIFIED TEACHING PROGRAM

During the first week of May, an intensified teaching program was implemented to make up for time lost as a result of the unfortunate and long student strike and occupation — March 18 to May 6 — which led to the disruption of the academic program and to destruction of University property.

On May 6, President Samuel B. Kirkwood released the following statement to students, faculty and staff.

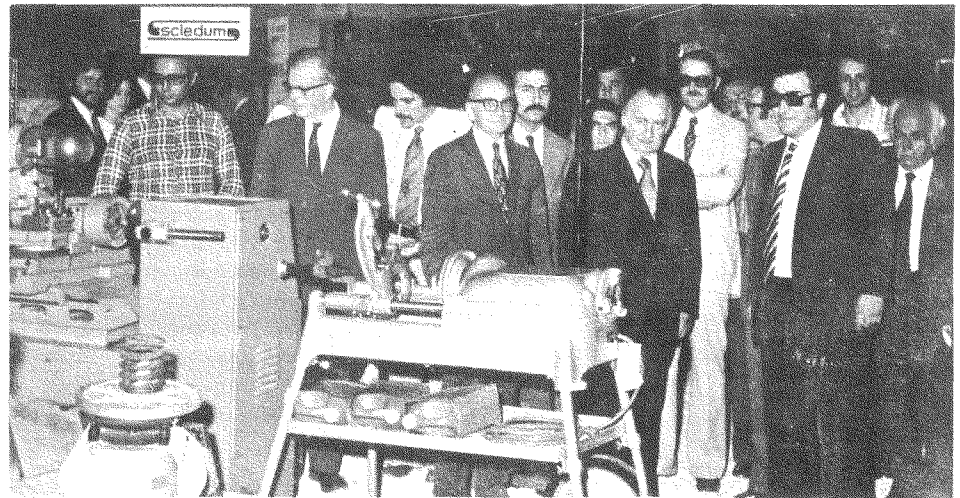
«We are returning to full classes today for the first time since March 17. At best teaching and learning will have been badly disrupted during this semester. What can be attained during the remainder of the academic year before June 30 will depend upon an unbroken schedule from now on. There is no remaining flexibility.»

«The Faculties have rescheduled courses in accordance with a concentrated arrangement of classes under a system of intensified teaching. With only a limited time left classes will meet more than the previous number of times per week. Clearly this cannot be done without dropping some courses and concentrating on others. The courses retained have been chosen to offer the greatest possible number of required class and laboratory hours. In this way part of the academic year may be completed for credit. The rest must be made up.»

«There has been severe damage to our buildings and, far worse, loss to the lives of students and faculty alike. The effect of these past weeks remains in delayed careers and in permanently missed opportunities. The University cannot be injured as it has been without consequence to its purpose as an academic institution. Its future service requires the

cont'd on p. 3

EMEE 74



H.E. Mr. Fuad Ghosn with President S.B. Kirkwood and Vice President George Hakim.

The Engineering Materials and Equipment Exhibition (EMEE) was last week opened by H.E. the Acting Prime Minister, Mr. Fuad Ghosn. This 10-day exhibition, which is to end on Sunday, June 16, is organized by the AUB Engineering Student Society and the Engineering Alumni Chapter, and participants include around forty firms in Lebanon operating in various engineering fields.

Mr. Riyad Mneimneh, who is in charge of the exhibition organization, has declared that the Faculty of Engineering and Architecture has been organizing this exhibition since

ten years, and that in view of its success and of the growing number of participants, the site of the exhibition has had to be expanded to provide space for all participants.

The Engineering Materials and Equipment Exhibition enables both Lebanese and foreign engineering industries to exhibit their products and most modern equipment. Prefabricated houses, heavy construction machinery, sanitary material and equipment, electrical appliances, calculating machines, etc., are among this year's main exhibits.

MANAGEMENT DEVELOPMENT - PRIVATE SECTOR PROGRAM OFFERED

The Management Development — Private Sector Program which is organized by the Department of Business Administration and sponsored by the Division of Extension and Special Programs is to start on June 17.

The subject matter of the program includes decision making, problem solving skills in the field of business

administration, behavioral skills and attitudes such as leadership, communication, motivation, etc. needed to manage groups effectively, and successful management of human and material resources in the challenging decade of rapid economic growth and social transformation. Highly participative methods of training are used

cont'd on p. 2

AUH OBTAINS ULTRA SOUND DEVICE

The American University Hospital in Beirut will soon start using the «ultra sound» device in cardiac diagnosis. This device, which the Hospital recently obtained is the first of its kind in Lebanon and provides a new horizon in future cardiac diagnosis.

Dr. J. Sawaya, heart specialist and lecturer at AUB has explained that this device was the subject of many papers at the 23rd annual session of the American College of Cardiology which was held early this year in New York. Dr. Sawaya was promoted to the position of associate fellow in this College which has around 6,000 members from various parts of the world.

Recent trends in coronary artery surgery, and widespread use of pacemakers were the subject of heated debates at this session.

OBITUARIES

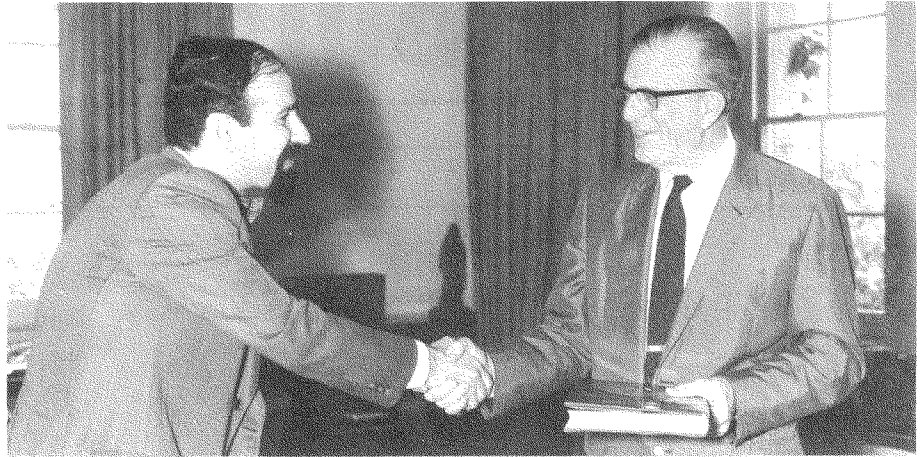
JANE VAN ZANDT

Word was recently received of the decease, on April 28, in St. Petersburg, Florida, of Miss Jane Van Zandt at the age of 99. The late Miss Van Zandt was AUB's first Director of Nursing Service and School of Nursing in 1905.

WALLACE R. DEUEL

Word has also been received in Beirut of the death of Wallace R. Deuel, teacher at AUB, 1926-9 and subsequently a foreign correspondent of the Chicago Daily News. Mr. Deuel was chief of the Berlin bureau for the News from 1935 to 40 and reported the invasions of the German Army of Poland and Western Europe. Out of this experience he wrote «People Under Hitler», an account of German life in the Nazi era. He also served in Rome, New York and Washington and became assistant to the Foreign Editor and an editorial writer. During the war he was advisor on Germany to General of the U.S. Army Dwight D. Eisenhower. He is survived by a son, Peter living in the Chicago area.

NEW BOOK BY PROF. D. KOUYMJIAN



Professor Dickran Kouymjian, Department of History and Archaeology, last week presented a copy of «Near Eastern Numismatics, Iconography, Epigraphy and History» to President S.B. Kirkwood. This volume is one of the recent publica-

tions of AUB and includes 43 studies by world renowned scholars. It is produced in honor of George C. Miles, the most distinguished Islamic Scholar of the 20th century who is concerned with the study of Islamic coins and epigraphy.

SUMMER COURSES

The Director of Personnel has released the following information to personnel who wish to take courses during the summer of 1974.

i — Subject to the approval of the Department concerned, full-time academic and non-academic personnel will be allowed to take a maximum of six clock (not credit) hours per week during the Summer Session of which not more than three hours can be taken during regular office hours.

Personnel in departments which follow the summer schedule will be allowed a maximum of five clock (not credit) hours per week provided all these hours fall outside the regular office hours.

ii — Full-time personnel taking courses which fall during the regular

office hours will be required to work an equal amount of time outside the regular office hours.

iii — Approval in writing by the responsible Dean or Administrative Department Head is required before a full-time personnel is allowed to take courses for credit or to audit courses.

The responsibility of ensuring that the application is properly signed and submitted to the Personnel Office not later than June 25 rests with the individual concerned rather than the Dean or Administrative Department Head. Personnel who submit applications later than June 24 will not be granted reduction in the tuition fees.

MANAGEMENT DEVELOPMENT-PRIVATE SECTOR PROGRAM

cont'd from p. 1

in this program together with cases, business games, role playing, behavioral exercises, transaction analysis, as well as lectures and discussion. Guest lectures and field trips are also used selectively to increase relevance and application.

This fully residential two-week program, June 17-29, will be held at

Printania Palace Hotel in the summer resort of Broumana. A fee of LL 2,400 is collected for participation in the program. This fee covers cost of tuition, training materials, full room and board, coffee periods, Sunday trips, and required hospitalization insurance. It does not cover transportation and sundries.

VARIED PROGRAM BY PEASE-BOCCAGNA DUO



The Peter Pease-David Boccagna Duo will next week offer in Beirut an unusually varied program for harpsichord, piano, flute and voice which includes masterpieces from the English and Spanish Renaissance, as well as the Baroque, Classical, Romantic, and Impressionist periods.

This duo which enjoys an international reputation has recently been performing in a number of Arab countries, and will be offering two concerts at AUB and BUC. The first concert, on Thursday, June 20, will be given at 8:30 pm in the AUB Assembly Hall and the second in the evening of Saturday, June 22, at Beirut University College.

24,000 PEDIATRIC VISITS

The American University Hospital and two institutions associated with it have announced record figures of the number of children treated last year at specialty and other clinics.

18,247 pediatric visits were made to the various clinics of AUH in addition to 4,659 to the Sidon Government Hospital and 1,764 to the Ghaziyyeh Health Center.

Children brought during the past year to AUB were treated at the Cardiology, Genetics, Gastroenterology, Hematology, Endocrinology, Neurology, Neonatology and Renal specialty clinics of the AUB Medical Center.

ENGLISH LANGUAGE TEACHING PROGRAM OFFERED

The teaching of English is the subject of special summer 1974 programs which the Division of Extension and Special Programs will start offering next July 2nd for a period of six weeks. One program, the Secondary School Teachers Institute is in two sections which deal with methodology and with the improvement of English.

Section I of this institute combines the methodology of English language teaching and actual English language instruction. It is intended for participants who teach English but feel that their own English should be improved.

Section II is concerned with the practical aspects of teaching English language skills — listening, speaking, reading, and writing — and participants in this course will be exposed to basic theory underlying modern language teaching methodology but actual application will be emphasized.

The third program, Administrator's Workshop, is devoted to the supervision of English language instruction and is designed for supervisors, inspectors and directors of English language instruction at a secondary level. Participants in this program will act as supervisors in the classes taught by participants in the above two institutes. Beside human relations and curriculum planning this program will also discuss the basic theory of modern language instruction.

The Division has been working closely with faculty of the Center for English Language Research and Teaching (CELRT) and with the University Orientation Program in considering requests for special English language instruction, country-wide English language surveys, opportunities to study English at AUB for Arab students going to British and American universities, and other similar requests.

WOMEN'S ASSOCIATION JUNE MEETING

The Women's Association of AUB cordially invites members of the community to its June meeting on Wednesday, June 19, 3:30 pm, at Dean Elie Salem's house in Baabdat. The program will start with a short business session followed by a bu-

zouk performance by Matar Mohammad. Transportation is arranged for members who are to meet at Faculty Gate at 3:00 pm. Those who wish to attend should call Mrs. Khoury (Tel. 315725), or Mrs. Abu Shakra (Tel. 304415).

INTENSIFIED TEACHING PROGRAM

cont'd from p. 1

determination of all its members to support it constructively.»

«We have been through great difficulties and the University has suffered. These trials will have been worthless if we do not vow that there shall never again be such an occasion. In this spirit the damage can be repaired and a University life restored that will make AUB again a place of peace and learning.»

Three weeks later, the following draft resolution was voted by the Faculty of Arts and Sciences at its meeting of May 28.

«The Faculty of Arts and Sciences deplores the events that have taken place on the campus this year, and condemns all acts of violence and all

threats to violence. The Faculty believes that the University must remain a forum of free and rational discussion, and that any acts of violence, such as blockading, illegal and unauthorized occupation of buildings or seizure of gates, or any form of physical threat, which limit the legitimate rights of others, are unworthy of a community of scholars. The Faculty further reaffirms the principle of student participation on University and Faculty committees, already recognized by the University, and holds that the application of this principle should be under constant reassessment, with a view to the interests of the University as a whole, and of every component of the University Community.»

Four Faculty Honored

Dr. Alfred Diad, Dr. Afif Mufarrij, Dr. Henry Nachman and Mr. Ohannes Tilikian were recently honored at a party given at the Holiday Inn Hotel on the occasion of their retirement from the AUB School of Medicine after forty years of service.

The party, arranged in the name of friends and students of the four retiring faculty by Doctors Nuha Salti, Mohamed Ibrahim, Munir Nasr and Fuad Freiha was attended by H.E. the Minister of Health, Mr. Othman Dana, and by President S. B. Kirkwood, Vice President George Hakim, Dean Craig S. Lichtenwalner, and Doctor Joseph Azar, President of the Order of Physicians.

Doctors Diab, Mufarrij and Nachman were presented with the medal of the Order of Public Health, First Class, by H.E. the Minister who thanked them for their long services and spoke of the Lebanese Government support of AUB, pointing out that the University serves Lebanon and the Arab world.

Dr. Fuad Freiha thanked H.E. the Minister for his support of the University. The services of the retiring faculty were also praised by Professor Emeritus Dr. Musa Ghanus and by Dr. Raif Nassif. In his reply, Dr. Afif Mufarrij thanked AUB for enabling his three colleagues and himself to obtain their scientific education.

SCHOOL OF NURSING CONFERENCE



The School of Nursing organized last week a 2-day conference to enhance knowledge and use of communication skills and increase the ability to analyse the communication process. This conference, entitled «Dynamic Interpersonal Relationships and the Nurse», was part of the continuing education program of the School of Nursing and participants found it an enriching experience of learning about themselves and their behavior, and the influence they assert in any interpersonal relationship. The fundamentals of methods of establishing goal directed relationships was another facet of the conference.

Participants were also given the opportunity for self growth through various practice sessions of group experiences and activities so as to

make their skill more evident and polished. Because of the nature of the group experience, participants attended all sessions as spotty attendance could disrupt the group process, and a total commitment to involvement was therefore indispensable.

The Director of the School of Nursing, Miss Esther L. Moyer warmly welcomed the well-attended conference which was opened by Mrs. Lorena Yamine, Chairman of the School's Continuing Education Program. Both were among lecturers at this conference who included Miss Ruth Illuminati, Dr. Munir Khoury of Beirut University College, Dr. Levon Melikian, Mr. Lawrence Richards of University Christian Center, and Mrs. Nina G. Sweiss.

AUB BULLETIN

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.



Address
To:

Stamp



ROCKEFELLER FOUNDATION MATCHING FUND

The University has a deadline to meet before New Year's Eve. By December 31, and through the help of alumni and friends, AUB will have to match the remaining \$155,000 of a Rockefeller Foundation matching fund.

Several years ago the Rockefeller Foundation agreed to match in equal amount all gifts received by AUB from alumni and friends residing outside the US and Western Europe. The total amount of the matching fund is \$2,000,000 to be reached by the end of 1974.

That deadline is now fast approaching. AUB has been able to match \$1,845,000 in gifts mostly from the Middle East which have greatly assisted the University through a period that has seen many universities in serious financial difficulty.

In a letter released last month President Samuel B. Kirkwood appealed to around 9,000 alumni and friends in the area to help the University match what is left of this fund and thus double their contributions. The President says gifts are needed as the University sees rising costs eating away at the very heart of the academic program. He hopes gifts from alumni and friends, together with economies which the University will continue to apply during the period immediately ahead, will effectively forestall the need for more drastic measures.

The President concludes by assuring donors that their regular annual giving to the AUB program, irrespective of the size of the gift, will help to keep ahead of rising costs as the University continues to provide educational opportunity to future Middle East generations.

BOARD OF TRUSTEES DECISIONS

The Trustees of the American University of Beirut met for four days, July 1-4, in Beirut with the President, Faculty, Students, Staff, Parents, and Alumni at the University. Twenty-one Trustees out of a total membership of twenty-four, all of whom serve without pay, attended from around the world.

The discussions were thorough and constructive with a full review of disturbing recent events, the deepening deficit in current operations and the gap forecast between revenues and expenses.

The Board of Trustees expressed their great respect and strong support for President Samuel B. Kirkwood and their gratitude for his extraordinary efforts together with all his colleagues in the University community, to preserve the values of AUB. The Board welcomed the June 28, 1974 resolution of the University Senate and in particular its condemnation of acts of violence and all threats to violence as limiting the legitimate rights of others, as unworthy of a community of scholars and as incompatible with the University being a forum of free and rational discussion.

The Trustees also expressed their appreciation for the support and understanding the University received during its recent trials from the faculties, the Workers and Staff Syndicate, members of the student body, the parents of students, the Alumni and friends of the University as well as from

the Government of Lebanon.

In view of the large deficit projected — over \$3 million in the coming fiscal year — the Trustees voted deep cuts and economies in the budget originally proposed. They reaffirmed their decision to sell a plot of land formerly occupied by the Out Patient Department of the Hospital. Accordingly this property is being placed on the market as a source of funds for endowment. The Trustees are gravely concerned at having to spend capital for current operations and reluctantly approved a considerable amount of deficit financing, as a temporary expediency only.

Among long term measures, the Trustees emphasized the need to continue the planning of rigorous economies and restructuring of programs designed to close the widening shortfall of income in relation to growing expenses. In view of this necessity, the Trustees voted to phase out the AUB School of Pharmacy; new students therefore, will not be admitted to the School in October 1974.

Finally, the Trustees plan to increase their fund-raising activities in Lebanon and the Arab States which are the principal beneficiaries of the AUB program, as well as to redouble their efforts to solicit from the U.S. Congress continuing support and to seek greater contributions from friends and alumni all over the world.

MR. ABDUS-SATTAR TARABULSI RETIRES

Mr. Abdus-Sattar Tarabulsi has retired after 58 years as student and Director of Athletics at AUB. In a letter addressed to his many friends, Mr. Tarabulsi spoke warmly of the «blessed community» of the University. To him, the University is a fount of love which has quenched the thirst of many grateful generations.

With Mr. Tarabulsi as its Director, the Athletics Department developed the present AUB swimming beach and facilities, lit three courts for night games, and planted the grass of the Grass Field.

He recalls that when he came to AUB as a student in 1916 his name was registered for admission by Dr. Howard Bliss.

Mr. Tarabulsi was awarded in 1957 the National Cedars Medal of the Knight rank. A splendid athlete himself he excelled in many sports, and his achievements include more than a dozen AUB, Lebanese and Arab championships.

He is also a first class boxer, hunter and fisherman.

NEW IMMUNOLOGICAL SOCIETY

A new society, the Lebanese Immunological Society has just been formed by a group of physicians of the American University Medical Center (AUMC) and the Faculté Française (FFM).

The activities of the society include the organization of various seminars as well as an annual dinner, with a guest speaker from abroad, held within the context of the Immunology Course which is sponsored by the WHO (World Health Organization) Immunology Research and Training Center in Beirut.

Anyone interested in joining this society — annual membership fee LL 10 — should contact a member of the executive committee which is formed of Doctors Fuad S. Farah, Raif S. Geha, Artin Malakian of AUMC, and Rev. Fr. Loiselet and Denise Chaiban of FFM.

CONFERENCE ON DISASTER NURSING

A one-day conference on Disaster Nursing was organized early last month at the Alumni Club by a group of BSN IV students of the AUB School of Nursing. Offered by Professor Wadad Khalaf as Course 405 in Advanced Nursing, this conference was organized by Misses Mona Kaid Bey, Randa Milki, Aster Gameda, Salpi Beckjajian and Anie Jahilian, all Bachelor of Science in Nursing graduate students, and was attended by around 200 nursing students, nurses and a number of physicians.

Participants included Major Marcel Prince, MD, Head of Sur-

gery at the Military Hospital, and Civil Defense representative Brigadier Antoine Chehab, as well as Messrs Raja Khoury and Abdallah Mroweh, both instructors in civil defense. The Red Cross was represented by Miss N. Hashim. Doctors Marwan Uwayda and Ziad Salem of AUH also participated.

The main discussion at the conference was the role the nurse would assume during a war disaster, and a first aid practice and demonstration session was later arranged for nursing students at the School of Nursing.

MR. EDWARD MAZLOUM HONORED

Mr. Edward Mazloum, Assistant Registrar was last month awarded the Medal of Education. The award was made by H.E. the Minister of Education, Mr. Edmond Rizk at a party given in honor

of the occasion and attended by Vice President George Hakim, Provost Samir K. Thabet, the Registrar Professor Fuad S. Haddad, and Mr. Amin Gemayil, MP.

PANEL ON FARM MACHINERY SERVICING AND MAINTENANCE

The Agricultural Mechanization Club which was formed last summer arranged a month ago during its final meeting of the academic year a panel discussion on «Servicing and Maintenance Problems of Farm Machinery in the Middle East».

The five-man panel included Mr. Gabriel Eddé owner of a large farm in Akkar Plain who spoke on behalf of farmers and users of farm equipment, and Professor Gerald Thierstein of the Faculty of Agricultural Sciences who related his experiences in the education and training required for

servicing and maintenance. Two other panelists, Mr. Michael Parsons from the regional office of Massey-Ferguson Company and Mr. Khalil Bulos, Assistant Sales Manager of Jallad Company presented the views of manufacturers and dealers. Mr. Aminullah Hatef, graduate student in mechanization discussed his experiences as a government employee in agricultural mechanization. Dr. Dean McCrary, Ford Foundation Machinery Advisor and former AUB faculty member served as panel moderator. Thirty students, faculty and businessmen attended.

RALF A. FELTON

Former AUB «staffite» (1907-1910) Ralph A. Felton died in Alexandria, Virginia on March 3 according to word recently received. A professor at Drew Theological Seminary in New Jersey for twenty two years, Dr. Felton wrote extensively about and devoted his energies to the training of the rural minister, an abiding interest that grew out of his years at AUB. While a teacher at AUB

he traveled extensively throughout Lebanon and Palestine.

Dr. Felton held degrees from Union Theological Seminary, Columbia University and Drew. He had a deep concern for black clergymen serving in rural churches in the Southern part of the United States and helped organize the Interdenominational Theological Center in Atlanta, Georgia.

COLLOQUIUM ON INNOVATIONS IN UNIVERSITY EDUCATION

The Seventh Annual Colloquium on University Education, to start at AUB next Wednesday will this year have as its theme «Innovations in University Education».

The primary purpose of the colloquium is to provide an opportunity for key members of universities in the Arab world and Middle East to explore and study challenging concepts and imaginative practices as they seek viable solutions to issues facing their own universities.

Professor Louis P. Cajoleas, Colloquium Coordinator and Director of the AUB Division of Extension and Special Programs explained that this colloquium would be of special interest to university administrators, ministry of education officials responsible for higher education, members of university planning bodies and curriculum committees, professors of higher education as well as specialists in educational technology.

The colloquium is of special im-

portance at present in view of the many pressing challenges facing university education. Questions have been raised in recent years about the wise use of educational technology and the media of mass communication to serve the increasing demands for university education. Administrators, political leaders and taxpayers are concerned about the increasing costs of quality education. Faculty and others are concerned about organization, structure, selection and transmission of knowledge — a pressing issue due to the knowledge explosion. To provide answers to these questions several innovative university programs are being successfully followed throughout the world, among them The Open University and The University Without Walls. The AUB sponsored colloquium is to continue until the end of this month and will focus upon a number of major and outstanding ongoing innovative university programs which have received worldwide attention.

THE LEBANON PER SE

The Lebanon per se, Dr. Charles Malik's latest book in Arabic and the second in the *Lebanese Heritage Library* series was recently published. It is introduced by the well-known man of letters Dr. Fouad Ephrem Al-Bustani, who supervises the publishing of this series, as two integral studies in which AUB's Distinguished

Professor Charles Malik speaks of the bases of the Lebanese heritage and clarifies the natural and human factors which, through the ages, have created Lebanon as a unique entity.

This 80-page book (LL 4) is published by the A. Badran and Company Printing and Publishing firm.

MR. JOHN SABA APPOINTED DIRECTOR OF HOUSING

The Director of Operations, Mr. John Gill announced last month the appointment of Mr. John Saba as Director of Housing, effective as of October 1, 1973. Mr. Saba is replacing Mr. Abdul-Rahman Barbir who retired last September after many years of devoted service to the University.

Mr. Saba, who is President of

the AUB Workers and Staff Syndicate, as well as President of the Federation of Unions of Workers and Employees of the Health and Education Sector in Lebanon, together with the AUB Syndicate's Secretary, Mr. Saifeddin Karam were recently delegated by the General Federation of Labour in Lebanon to attend the Ninth ILO Conference in Geneva.

MR. FARID A. FULEIHAN RETIRES

The 54 year long association of Mr. Farid A. Fuleihan with the University is officially to come to an end on July 15. In a circular letter last week, Mr. Fuleihan said he tremendously appreciated the opportunity he had in serving the University and wished AUB all progress in providing its services to this part of the world.

Mr. Fuleihan's association with the University dates back to 1920 when he joined IC as a student. On his graduation with a BBA he was engaged as Assistant Registrar for one year in 1929, taught for three years at the Department of Commerce, and was again Assistant Registrar (1933-39) before he was appointed first as Acting Registrar, then Registrar. In May 1967 Mr. Fuleihan was appointed Director of Personnel. He held the two positions of Registrar and Director of Personnel until 1972, the year he was due for retirement, when he was asked to serve for two further years as Director of Personnel.

A remarkable administrator, Mr. Fuleihan has been awarded the Lebanese Order of Education (Golden); the Lebanese Order of the Cedars, Officer rank; the Lebanese Order of the Cedars, Commander rank; the Jordanian Order of Education (Golden), and the Jordanian Sash of Independence.

A HISTORY OF ISLAMIC PHILOSOPHY

A History Of Islamic Philosophy, the book written in English by Professor Majid Fakhry and published in 1970 by Columbia University Press, was recently translated into Arabic by Professor Emeritus Kamal Yazigi and published in Beirut by the United Publishing House.

This 519 page book is a comprehensive and meticulous survey of the various trends of Islam's philosophic thought from the eighth century until the 1950s. In preparing his remarkable translation of this work, Professor Yazigi worked closely with the author, Professor Fakhry who had spent ten years writing the original.

HELENE FULD AUDIO VISUAL CENTER

The Helene Fuld Health Trust recently made a second grant of more than \$24,330 for the continued development of the Helene Fuld Audio Visual Center of the School of Nursing. This center, established last December, is one of the first of its kind in the Middle East.

The Center provides students with instructional material on video tape, cassette, transparencies and slides. Its facilities provide as well live presentation of conference debates, a closed circuit TV for the classroom, and audio-visual programs which students can review on their own initiative and in their own time.

The new grant will be utilized for the development of a studio for the production of video tapes and for establishing a library for student use.

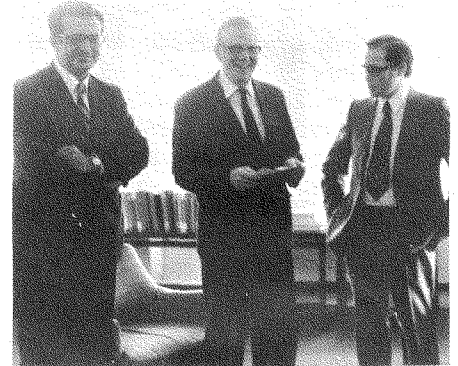
Men and women students at the School of Nursing this year number 160, half of whom are Lebanese. The AUB School of Nursing awards the Nursing Diploma and the Bachelor of Science in Nursing in addition to specialization in Administration and Teaching of Nursing.

SUMMER HOURS

Summer office hours — 7:00 am to 2:30 pm — began on Monday, July 8. They will end on Saturday, September 14, 1974.

SEARLE CONTRIBUTION FOR RESEARCH IN INTRACELLULAR PHYSIOLOGY

The G.D. Searle Company, well known pharmaceutical firm with offices in Chicago and Beirut, recently contributed \$5,000 for research being conducted in the Department of Physiology of the AUB School of Medicine. In making the presentation Searle representative, Dr. D.A. Evans noted that this was the first payment of a \$10,000 grant for research being conducted by AUB's Dr. Raja Khuri in the field of intracellular physiology. The Searle Company is known in the pharmaceutical field for their development of the Aldacton drug used extensively for hypertension and edema.



Left to right Dr. R. Khuri, President S. B. Kirkwood and Dr. D. A. Evans.

NEW DEPARTMENTAL CHAIRMEN

The Faculty of Arts and Sciences has announced the appointment of the following Departmental Chairmen: *Arabic*, Professor Ihsan Abbas; *Biology*, Professor Levon Babikian; *Fine*

and Performing Arts, Professor Arthur Frick; *History and Archaeology*, Professor William Ward; *Political Studies and Public Administration*, Professor Adnan Iskander.

ALUMNI ASSOCIATION OF NORTH AMERICA, INC.

At the annual meeting which the AUB Alumni Association of North America, Inc. recently held in New York, the following officers were elected for one year: President, Sami A. Hashim, BA'50 MS'52; Vice President, Zuhayr A. Moghrabi, former student 49-'50; Secretary, Amin

Bohsali, BE'58; and Treasurer, Avedis K. Khachadurian, BA'49 MD'53.

The following directors were also elected for a period of three years: Amin Bohsali, Avedis K. Khachadurian and Victor H. Bisharat, BA'40.

AUB BULLETIN

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.



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