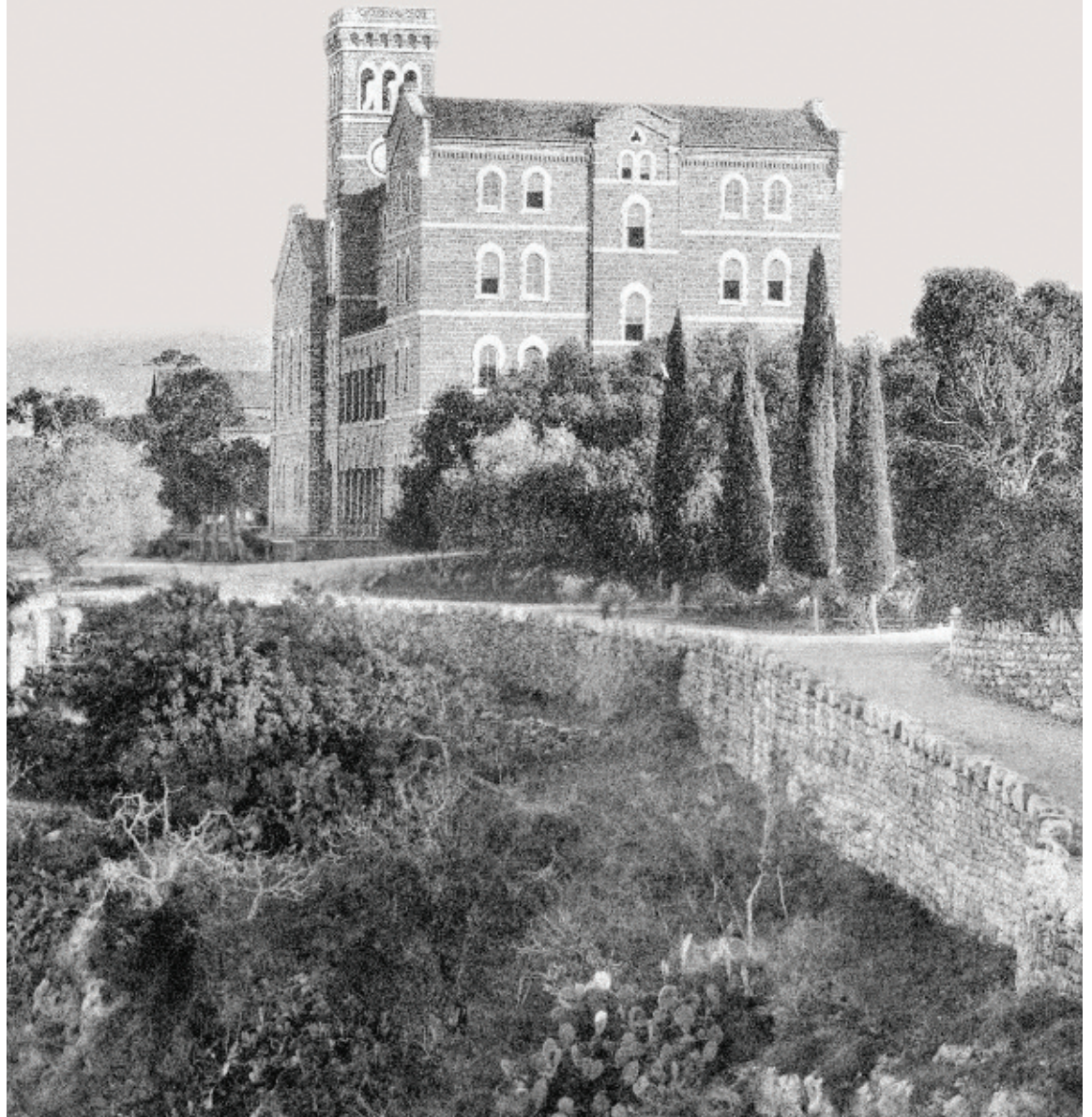


American University
of Beirut

Office of Institutional Research and Assessment (OIRA)

FACT BOOK 2015/16



American University of Beirut

Office of Institutional Research and Assessment (OIRA)

FACT BOOK 2015/16



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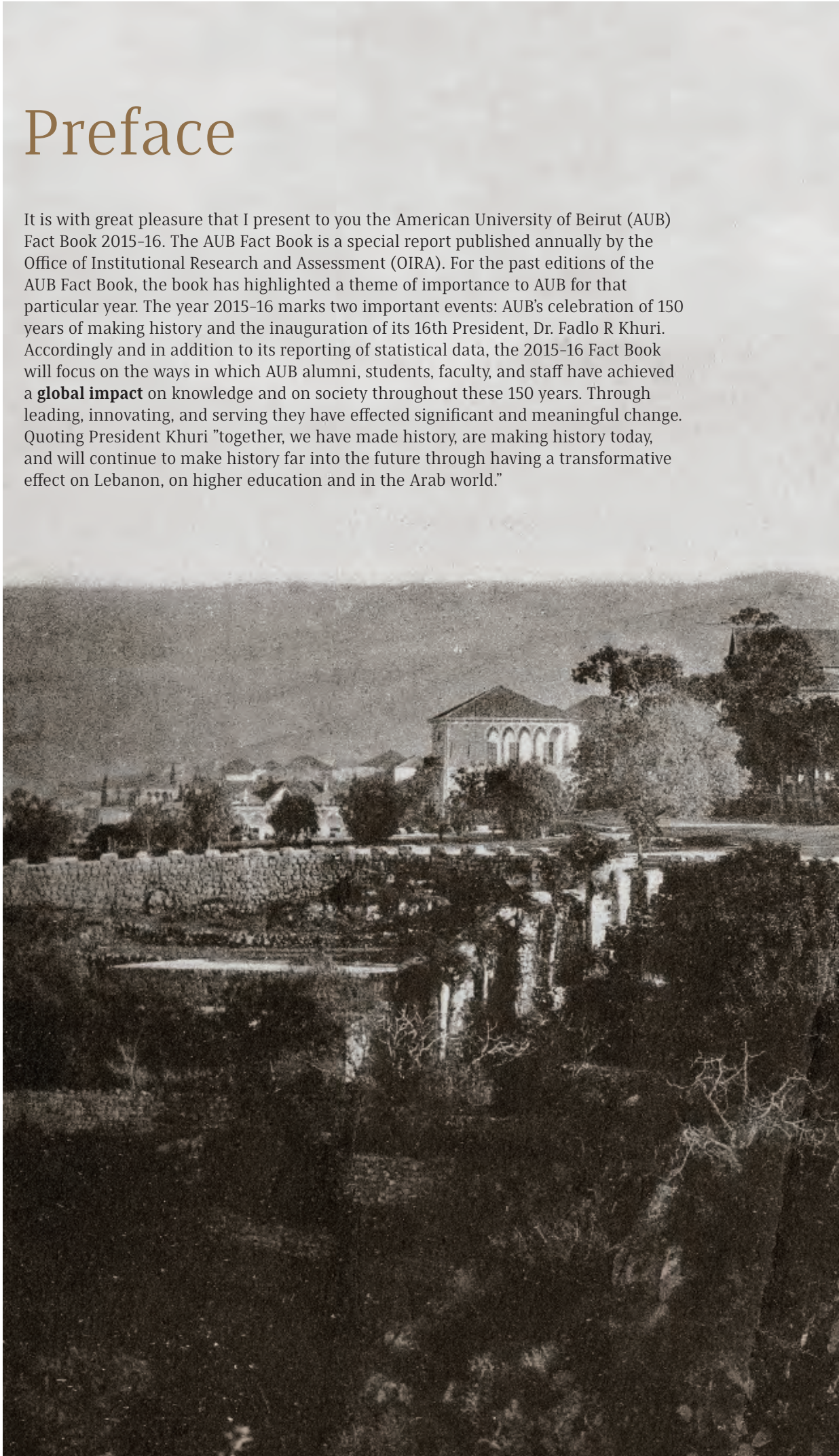
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Preface

It is with great pleasure that I present to you the American University of Beirut (AUB) Fact Book 2015-16. The AUB Fact Book is a special report published annually by the Office of Institutional Research and Assessment (OIRA). For the past editions of the AUB Fact Book, the book has highlighted a theme of importance to AUB for that particular year. The year 2015-16 marks two important events: AUB's celebration of 150 years of making history and the inauguration of its 16th President, Dr. Fadlo R Khuri. Accordingly and in addition to its reporting of statistical data, the 2015-16 Fact Book will focus on the ways in which AUB alumni, students, faculty, and staff have achieved a **global impact** on knowledge and on society throughout these 150 years. Through leading, innovating, and serving they have effected significant and meaningful change. Quoting President Khuri "together, we have made history, are making history today, and will continue to make history far into the future through having a transformative effect on Lebanon, on higher education and in the Arab world."



The Fact Book contains a compilation of statistical data on subjects such as enrollment, admissions, graduation and retention rates, and other factual information about AUB.

The university Fact Book fulfills several purposes:

- **Data Resource:** As a data resource, the Fact Book captures and summarizes most of the important and historical data about the organization and the operations of the University as an academic institution.
- **Decision-Making:** as a ready reference, the Fact Book provides base line data and comparative figures required by decision makers.
- **Planning:** As a planning resource, the Fact Book provides information about the past and the present situation of the University and helps to identify areas where work is needed to fulfill its mission and achieve its goals.
- **Self-Study:** The Fact Book provides valuable data for self-study for institutional and programmatic accreditation, grant applications, and external reports.

Your comments and suggestions would be appreciated as is feedback about the usefulness of the AUB Fact Book.

A hardcopy (printed and bound) of this book is available upon request. All unit and department heads of the University will receive a copy.

The AUB Fact Book is also available in PDF format for downloading from the web as a whole book or in separate sections. You will need Adobe Acrobat reader software in order to download the electronic version.

We are grateful to the many departments and individuals who provided data for this book. All inquiries and comments regarding the AUB Fact Book should be addressed to Karma El Hassan, Director of OIRA, AUB, extension 3131/0, Email kelhasan@aub.edu.lb.

Dr. Karma El Hassan, Director

Office of Institutional Research and Assessment (OIRA)



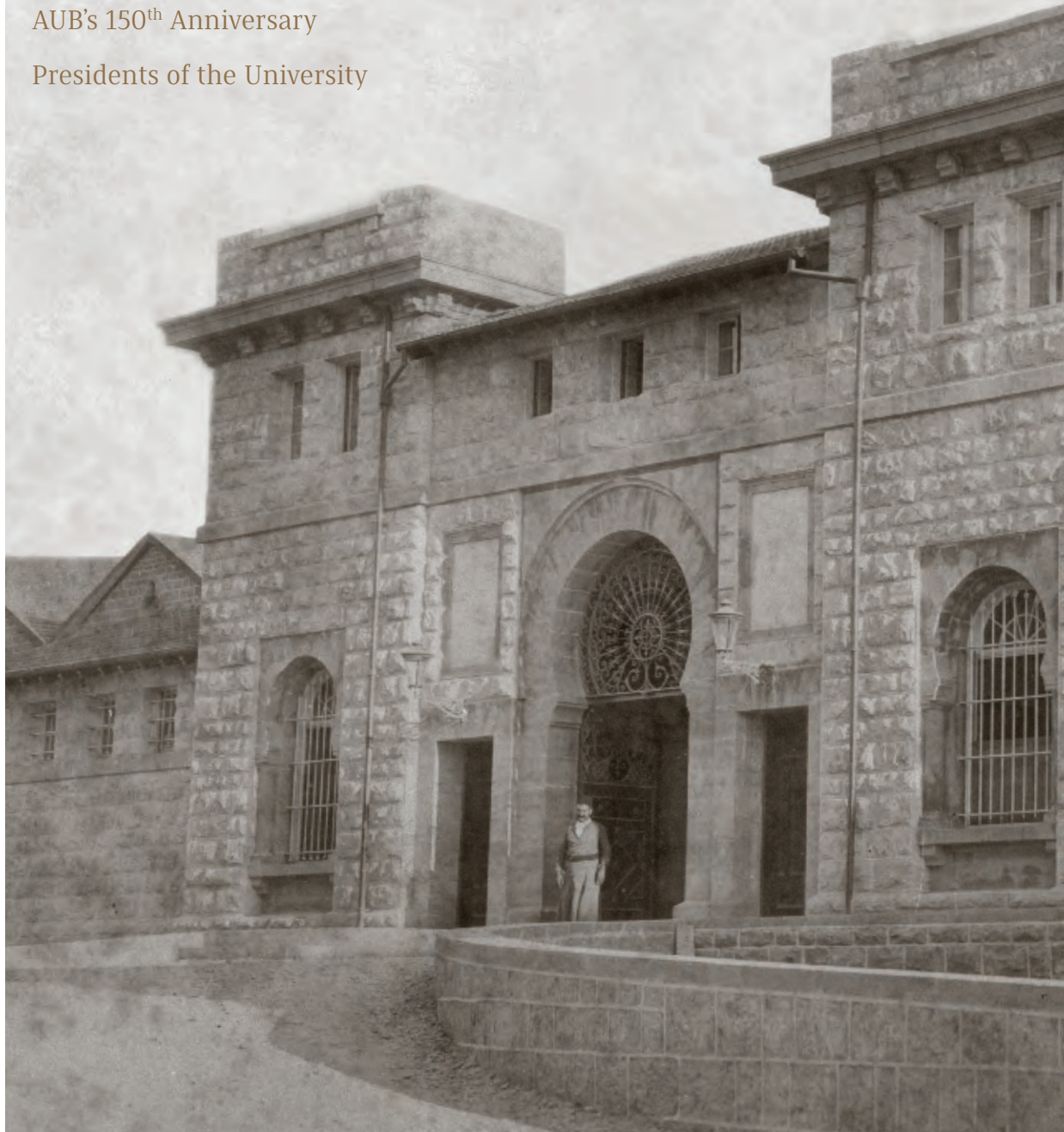
The Inauguration of the 16th president of AUB, Dr. Fadlo R Khuri

01

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Maingate
1901



Mission Statement

The American University of Beirut (AUB) is an institution of higher learning founded to provide excellence in education, to participate in the advancement of knowledge through research, and to serve the peoples of the Middle East and beyond. Chartered in New York State in 1863, the University bases its educational philosophy, standards, and practices on the American liberal arts model of higher education. The University believes deeply in and encourages freedom of thought and expression and seeks to foster tolerance and respect for diversity and dialogue. Graduates will be individuals committed to creative and critical thinking, life-long learning, personal integrity, civic responsibility, and leadership.

Notice of Non-Discrimination

AUB is committed to the principle of equal opportunity and does not discriminate on the basis of race, color, religion, age, national or ethnic identity, sex, gender or gender identity, marital status, disability, genetic predisposition or carrier status, alienage or citizenship status, political affiliation, or any legally protected characteristic, in its programs and activities to the fullest extent permitted by Lebanese law. This includes prohibition against sexual harassment and sexual violence as mandated by Title IX of the U.S. Education Amendments of 1972. Inquiries or complaints may be addressed to the Title IX Coordinator at integrityofficer@aub.edu.lb, the Dean of Student Affairs at sao@aub.edu.lb, or the Office of the President, College Hall, 5th Fl., Beirut, Lebanon, +961-1-350000. For AUB's full policies, visit www.aub.edu.lb/titleix.

History

In 1862 American missionaries in Lebanon and Syria, under the American Board of Commissioners for Foreign Missions, asked Dr. Daniel Bliss to withdraw from the evangelical work of the mission in Lebanon to found a college of higher learning that would include medical training. It was felt that this college should have an American educational character, should be administered independently from the mission, and should be maintained by its own funds. Dr. Bliss traveled to the United States in the summer of 1862 to solicit funds for this new enterprise. By August 1864 he had raised \$100,000 but, because of inflation during the Civil War, it was decided that he should raise a sterling fund in England to start the operations of the college, leaving the dollar fund to appreciate. After collecting £4,000 in England, Dr. Bliss traveled to Beirut in March 1866.

On April 24, 1863, while Dr. Bliss was raising money for the new school, the State of New York granted a charter under the name of the Syrian Protestant College (SPC). The college opened with its first class of 16 students on December 3, 1866.

The cornerstone of College Hall, the first building on the present campus in Ras Beirut, was laid on December 7, 1871, by the Honorable William E. Dodge, Sr., then Treasurer of the Board of Trustees. At this ceremony President Daniel Bliss expressed the guiding principle of the college in these words:

“This college is for all conditions and classes of men without regard to color, nationality, race, or religion. A man, white, black, or yellow, Christian, Jew, Mohammedan, or heathen, may enter and enjoy all 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 it will be impossible for anyone to continue with us long without knowing what we believe to be the truth and our reasons for that belief.”

College Hall and the first medical building were completed and put to use in 1873, and the bell in the tower of College Hall pealed for the first time in March, 1874. However, College Hall was extensively damaged by a savage explosion in the early morning of November 8, 1991, and the building had to be demolished. It was later rebuilt and the new College Hall was inaugurated in June 1999.

Since the earliest years, the University has continually expanded and developed new faculties and programs. In 1867 it started the Department of Medicine. Four years later, in 1871, both a school of pharmacy and a preparatory school were added. The latter became independent in 1960 and is currently known as International College. In 1900 the University established a school of commerce which was later incorporated into the Faculty of Arts and Sciences. In 2000, it regained its independence and was later named the Suliman S. Olayan School of Business. When the hospital (currently the American University of Beirut Medical Center) opened in 1905, a school of nursing – today the Rafic Hariri School of Nursing – was also established. In 1910 the University opened a School of Dentistry, which operated for thirty years. In the early years of the 1950s several program expansions took place.

The Faculty of Engineering and Architecture was established in 1951; the Faculty of Agriculture – now the Faculty of Agricultural and Food Sciences – first opened its doors in 1952; and, finally, the School of Public Health – now the Faculty of Health Sciences – was founded in 1954.

On November 18, 1920, the Board of Regents of the State University of New York changed the name of the institution from the Syrian Protestant College (SPC) to the American University of Beirut (AUB); other charter amendments expanded the functions of the University.

Board of Trustees
Philip S. Khoury, Chairman, PhD
Hutham S. Olayan, Co-Chairman, PhD
Dr. David R. Bickers, Vice Chairman for Medicine and Health
B. Philip Winder, Vice Chairman
Nemeh Sabbagh, Treasurer
Ada H. Porter, Assistant Secretary of the University
Abdulla Al-Athani, PhD
Ayman Asfari
Carol Bellamy
Walid A. Chammah
W. Ronnie Coffman, PhD
Dr. Michael F. Collins
Dr. Ghaleb Hasan Daouk
Said Samih Darwazah
Michael I. Fares
Fadi Ghandour
Nabil Habayeb
Randa El-Sayed Haffar
HE Saadeddine Rafic Hariri
Abdulsalam Haykal
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Mu'taz Sawwaf

Maroun Semaan
Talal Shair
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Wise, Esq., D. Scott
José A. Zaglul, PhD
Dr. Huda Y. Zoghbi

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Robert M. Borden
Myrna Bustani
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Martha S. Joukowsky, PhD
Dr. Herant Katchadourian
Ann Z. Kerr-Adams
Nicola N. Khuri, PhD
Sandy A. Mactaggart
Joseph B. Martin, MD
Munib R. Masri
Dr. Thomas Q. Morris, Chairman Emeritus
Ambassador Richard W. Murphy
HE Leila A. Sharaf
Dr. Theodore B. Vanitallie
Frank G. Wisner
James Wei, ScD

Accreditation at the American University of Beirut

The American University of Beirut (AUB) operates under a charter granted by the Education Department of the State of New York in 1863, which registers the University's degree programs. AUB degrees are also recognized by the Lebanese government through the equivalence committees of the Ministry of Education and Higher Education.

The American University of Beirut (AUB) is accredited as an institution by the Middle States Commission on Higher Education (3624 Market Street, Philadelphia, PA 19104, Tel. 267-284-5000).

MSCHE accreditation is an expression of confidence in AUB's mission, goals, resources and performance based upon periodic internal and external assessment. The University was first accredited in June 2004 and its accreditation was reaffirmed in June 2009 following extensive self-studies and site visits by MSCHE reviewers.

AUB submitted a Periodic Review Report to MSCHE in June 2014 and in November 2014, MSCHE reaffirmed AUB's accreditation. The University's next re-accreditation process will take place during 2018-19. AUB's full and updated Statement of Accreditation Status is maintained on MSCHE's website (www.msche.org).

Accreditation is a voluntary process intended to strengthen and sustain the quality and integrity of a university, faculty, or program, confirming that it is worthy of public confidence. Accreditation affirms that AUB as an institution, as well as its specific programs, meet or exceed international standards.

Six of AUB's faculties and schools have earned accreditation of specific programs from relevant accrediting bodies. In many cases, AUB's faculties



are the first or only of their kind outside of the United States to have programs accredited by a US institution:

The Faculty of Health Sciences'

Graduate Public Health Program became the first such program to be accredited by the Council on Education for Public Health (CEPH) outside of North America. (Accreditation 2006, reaffirmed 2012.)

The Suliman S. Olayan School of Business

is accredited by AACSB International – The Association to Advance Collegiate Schools of Business. It was the first business school in Lebanon to earn this accreditation. (Accreditation 2009, reaffirmed 2014.)

The Rafic Hariri School of Nursing

became the first nursing school beyond American territories to have BSN and MSN programs accredited by the Commission on Collegiate Nursing Education (CCNE). (Accreditation 2007, reaffirmed 2012.)

The Faculty of Engineering and Architecture's

undergraduate BE Civil Engineering, BE Computer and Communications Engineering, BE in Electrical and Computer Engineering, BE Mechanical Engineering are accredited by ABET Inc. (Accreditation Board for Engineering and Technology). (Accreditation 2010)

The Faculty of Agricultural and Food

Sciences' undergraduate Nutrition and Dietetics Coordinated Program (NDCP) has received accreditation from the Accreditation Council for Education in Nutrition and Dietetics (ACEND), which is the Academy of Nutrition and Dietetics' accrediting agency of nutrition education programs. (Accreditation 2013)

The Faculty of Medicine's

residency programs in Internal Medicine, Family Medicine, Emergency Medicine, Obstetrics and Gynecology, and General Surgery are accredited by the Accreditation Council for Graduate Medical Education – International (ACGME-I). (Accreditation 2015)

Contact information for AUB accreditors:

MSCHE, 3624 Market Street, 2nd Floor West, Philadelphia, PA 19104, Tel. 267-284-5000

CEPH, 1010 Wayne Avenue, Suite 220, Silver Spring, MD 20910-5622

CCNE, One Dupont Circle, NW, Suite 530, Washington, DC 20036, Tel. 202-463-6930

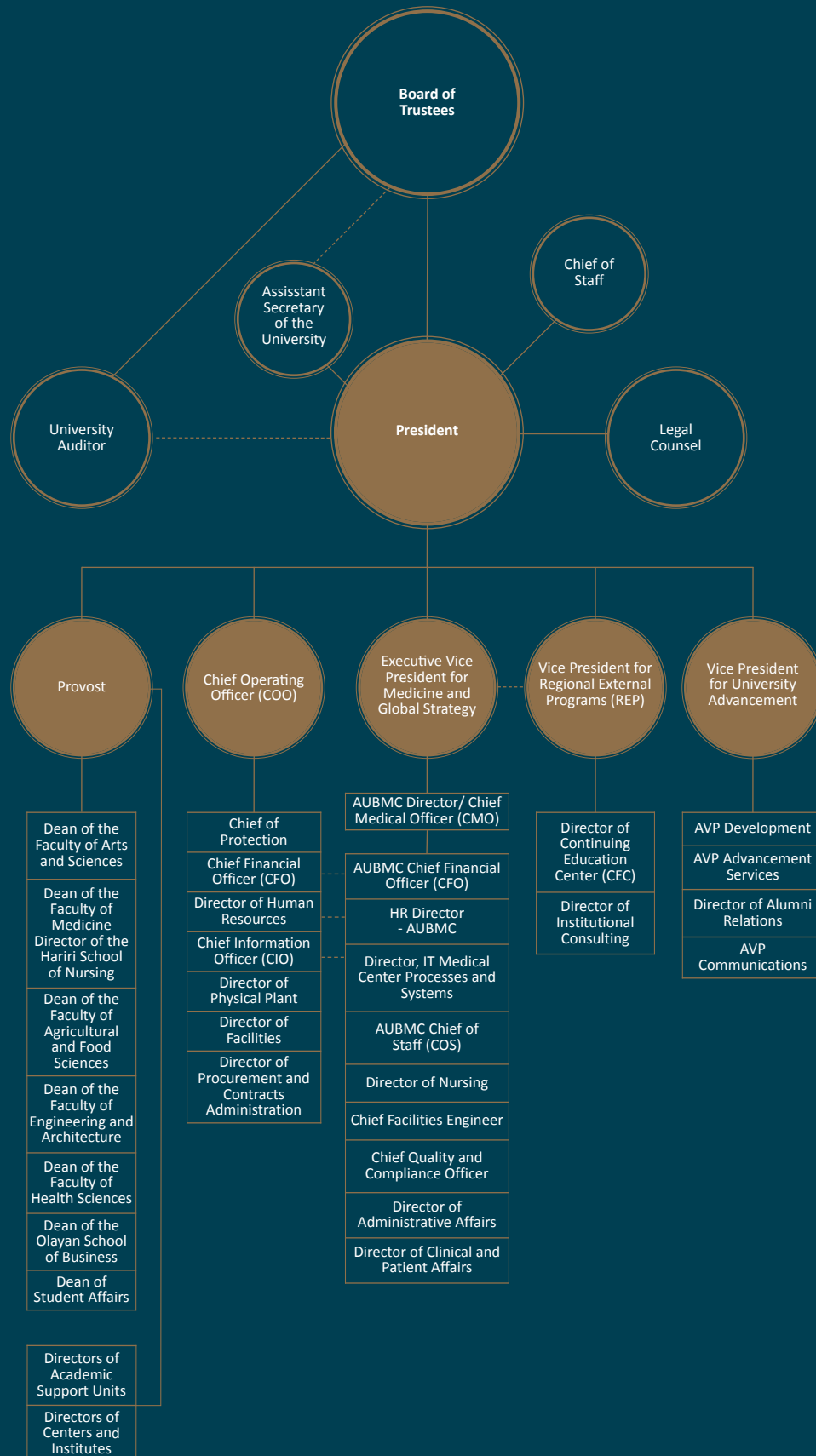
AACSB, 777 South Harbour Island Boulevard, Suite 750, Tampa, FL 33602, Tel. 813-769-6500

ABET, Inc., 111 Market Place, Ste. 1050, Baltimore, MD 21202-4012, Tel. 410-347-7700

ACGME International LLC, 515 North State Street, Suite 2000, Chicago, Illinois 60654 Tel. 312.755.5000



Organization Chart





AUB's 150th Anniversary

With a rich legacy reaching back 150 years, AUB has a proven history of positive and transformative impact—on the lives of its students, on the health and prosperity of Beirut and Lebanon, on the strength and vitality of the region, and on the world. Among our more than 66,000 graduates are some of the greatest minds in every field, celebrated artists and thinkers, builders of nations, and agents of change.

For the past century and a half, AUB has been a witness to history, both shaping events and being shaped by them. The University has survived trials of different magnitudes, ranging from epidemics and famine to civil wars and two World Wars. Throughout, AUB has brought the best in American liberal education to the Middle East, met the healthcare needs of its people, provided relief work in times of crisis, and produced alumni who have held positions of leadership across the region. In the process, AUB has become an integral part of Beirut, of Lebanon, and of the Arab world.

AUB remains the premier liberal arts university in the Middle East and has more recently established itself as a world-class research institution, with an eye toward making an ever-greater difference in the region during these challenging times.

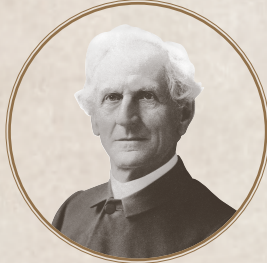
To mark AUB's 150th anniversary, under the banner "We Make History," we have planned a dynamic yearlong events calendar in 2016 composed of academic conferences, distinguished speaker series, art and cultural exhibitions, musical concerts, community outreach initiatives, and alumni chapter celebrations around the world.

Please join us as we celebrate how AUB has made history over the past 150 years, how we make history today, and how we will continue to make history for generations to come.



Banner on College Hall celebrating AUB's 150th Anniversary

Presidents of the University



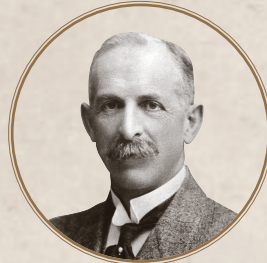
01 Daniel Bliss,
PhD 1866-02



04 Stephen B.L.
Penrose, Jr., PhD
1948-54



07 Samuel B.
Kirkwood, MD
1965-76



02 Howard S. Bliss,
PhD 1902-20



Constantine K.
Zurayk, PhD 1954-57
(acting)



James Cowan,
PhD 1976-77
(interim)



Dean Edward F.
Nickoley 1920-23
(acting)



05 J. Paul Leonard,
PhD 1957-61



08 Harold E.
Hoelscher, PhD
1977-81



03 Bayard Dodge,
PhD 1923-48



06 Norman Burns
1961-65



David S. Dodge
1981-82
(acting)



09 Malcolm H. Kerr,
PhD 1981-84



Samir K. Thabet,
PhD 1984 (acting)



10 Calvin H. Plimpton,
MD 1984-87



11 Frederic P. Herter,
MD 1987-93



12 Robert M. Haddad,
PhD 1993-96



13 David S. Dodge
1996-97



14 John Waterbury,
PhD 1998-2008



15 Peter F. Dorman,
PhD 2008-2015



16 Fadlo R. Khuri, MD
2016 - present

The second and fourth presidents, **Howard Bliss** and **Stephen Penrose**, died while in office.

Malcolm Kerr, the ninth president, was assassinated outside his College Hall office on January 18, 1984.

President **John Waterbury** was the first president to occupy Marquand House following Malcolm Kerr's assassination in 1984.

02

Students

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Graduating
Class with Dr.
Daniel Bliss
and Professor
Robert Haldane
West, 1901

Enrollment by Faculty and Percent of Enrollment by Gender, Fall 2015-16

Faculty*	Enrollment	Female%	Male%
Undergraduate level			
FAFS	485	74%	26%
FAS	2823	52%	48%
FEA	2318	36%	64%
FHS	248	77%	23%
HSN	170	72%	28%
OSB	971	55%	45%
Graduate Level			
FAFS	65	66%	34%
FAS	393	68%	32%
FEA	251	47%	53%
FM	65	80%	20%
FHS	157	79%	21%
HSN	56	86%	14%
OSB	153	50%	50%
Post Graduate level			
FAS	29	90%	10%
FEA	79	49%	51%
FM	14	93%	7%
Professional			
FM	388	44%	56%

Enrollment by Residency

	Lebanese	Arab World	Europe	USA	Others
Undergraduate	5456	688	201	587	81
Graduate	951	75	30	65	17
Professional	323	30	3	29	3
Total	6730	793	234	681	101

Graduation and Retention Rates by Faculty

Faculty	Graduation Rate (%)**	Retention Rate (%)***
FAFS	89.34	78.85
FAS	86.16	75.33
FEA	92.28	92.29
FHS	87.27	96.49
HSN	71.43	84.31
OSB	91.47	92.34
AUB	88.37	84.34

*FAFS: Faculty of Agricultural and Food Sciences; FAS: Faculty of Arts and Sciences; FEA: Faculty of Engineering and Architecture; FHS: Faculty of Health Sciences; FM: Faculty of Medicine; HSN: Rafic Hariri School of Nursing; OSB: Suliman S. Olayan School of Business.

**Graduation rate is the percentage of the initial 2007 cohort who completed the program in six years or fewer.

***Retention rate is the percentage of the cohort of all full-time bachelor (or equivalent) degree-seeking undergraduate students who entered the institution as new first-time students in fall 2012 (or the preceding summer term) and were enrolled fall 2013.

Undergraduate Tuition (Per Credit)

* Students enrolled on or after October 2011 will be charged for the first 15 credits only.

* Students enrolled before October 2011 will be charged for the first 12 credits only.

* The minimum number of credits for undergraduate students is 12 credits.

Faculty/School	Enrolled Prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FAS						
Freshman	970,000	643	990,000	656	1,009,000	669
Humanities and Social Sciences	943,000	625	961,000	637	980,000	650
Sciences	999,000	662	1,019,000	676	1,038,000	688
Financial Economics	1,151,000	763	1,172,000	777	1,195,000	792
FAFS	1,017,000	674	1,036,000	687	1,056,000	700
FEA	1,127,000	747	1,148,000	761	1,171,000	777
FHS	1,050,000	696	1,069,000	709	1,090,000	723
OSB	1,091,000	723	1,111,000	737	1,133,000	751
HSN	808,000	536	823,000	546	839,000	556

Graduate Tuition (Per Credit)

*Graduate tuition fees will be charged on a per credit basis.

Faculty/School	Enrolled Prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FAS						
Humanities and Social Sciences	1,210,000	802	1,234,000	818	1,258,000	834
Sciences	1,252,000	830	1,277,000	847	1,302,000	863
Financial Economics	1,309,000	868	1,335,000	885	1,361,000	903
FAFS	1,343,000	891	1,369,000	908	1,395,000	925
FEA	1,411,000	936	1,439,000	954	1,467,000	973
FM	1,356,000	899	1,382,000	916	1,382,000	916
FHS	1,332,000	883	1,358,000	901	1,384,000	918
OSB	1,370,000	908	1,397,000	926	1,424,000	944
HSN	1,107,000	734	1,129,000	749	1,151,000	763
Division of University Interdisciplinary Programs			1,360,000	902	1,386,000	919

Master's Thesis or Dissertation Fees

Faculty	Enrolled Prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FAS						
Humanities and Social Sciences	8,712,000	5,777	8,884,800	5,892	9,057,600	6,006
Sciences	9,114,560	6,044	9,296,560	6,165	9,478,560	6,286
FAFS	9,683,030	6,421	9,870,490	6,545	10,057,950	6,670
FEA	10,074,540	6,681	10,274,460	6,813	10,474,380	6,946
FM	10,373,400	6,879	10,572,300	7,011	10,572,300	7,011
FHS	9,736,920	6,457	9,926,980	6,583	10,117,040	6,709
Division of University Interdisciplinary Programs			9,579,000	6,352	9,765,000	6,475

PHD Dissertation Fees (Per Credit)

Faculty	Enrolled Prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FAS						
Humanities and Social Sciences	1,210,000	802	1,234,000	818	1,258,000	834
Sciences	1,252,000	830	1,277,000	847	1,302,000	863
FEA	1,411,000	936	1,439,000	954	1,467,000	973
FM	1,356,000	899	1,382,000	916	1,382,000	916

Elections
2015



Dabke with Melhem Zein by the Organic Chemistry club, the Dabke club, and the Biology Student Society

Undergraduate Program Fees

Program	Enrolled prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FAS						
Intensive English Program	11,325,000	7,510	11,545,000	7,656	11,769,000	7,804
University Preparatory Program	8,741,000	5,796	8,911,000	5,909	9,084,000	6,024
FEA						
Summer Training	1,127,000	747	1,148,000	761	1,171,000	777
FM						
First Year to Fourth Year	54,864,000	36,382	54,864,000	36,382	54,864,000	36,382
FHS						
Summer Environmental Field Training Program	1,843,000	1,222	1,879,000	1,246	1,915,000	1,270
Cross Registration or Auditors (per credit)	617,000	409	629,000	417	642,000	426

Graduate Program Fees

Program	Enrolled prior to Sep 2014		Enrolled Sep 2014		Enrolled Sep 2015	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
FHS						
MPH Program: Full time Students (per semester)	17,687,000	11,729	18,031,000	11,957	18,381,000	12,189
Practicum (per credit)	798,000	529	814,000	540	830,000	550

Other Information

*Tuition and other student fees can be paid in US Dollars or in Lebanese pound equivalent

Dorm Fees as Established by the Student Affairs

	Lebanese Pounds	US Dollars
On campus		
Double room	2,060,000	1,366
Semi-private room	2,545,000	1,688
Off campus (AUB Dormitory on Sidani Street)		
Double room	2,950,000	1,956
Private	5,208,000	3,454
Suite Double	5,581,000	3,701
Suite Triple	3,720,000	2,467
	Lebanese Pounds	US Dollars
General deposit (refundable- paid only once)	300,000	200
Social activity fee per student per year	50,000	33
HIP fees per student		
For twelve months beginning with October registration	496,000	329
For one semester and summer session beginning with February registration	372,000	247
For one summer session	248,000	164
NSSF fee per student per year	202,500	134
Late registration fee	150,000	100
Deferred Payment application fee	50,000	33
Technology Fee per student per semester	259,000	172
Technology Fee per student Summer	129,000	86

AUB
graduates
students
orientation
Fall 2014-15



Student Financial Aid—University Summary

	Need-based ¹ (Include non-need-based aid use to meet need.) \$	Non-need-based ² (Exclude non-need-based aid use to meet need.) \$
Scholarships/Grants		
Institutional: Endowed scholarships, annual gifts and tuition funded grants, awarded by the college, excluding athletic aid and tuition waivers (which are reported below).	27,971,392	721,938
Total Scholarships/Grants	27,971,392	721,938
Self-Help		
Student loans from all sources (excluding parent loans)	2,438,472	-
State and other (e.g., institutional) work-study/employment (Note: Excludes Federal Work-Study captured above.)	34,435	-
Total Self-Help	2,472,907	-
Parent Loans	27,260	-

¹ Need-based scholarship or grant aid: scholarships and grants from institutional, state, federal, or other sources for which a student must have financial need to qualify.

² Non-need-based scholarship or grant aid: scholarships and grants, gifts, or merit-based aid from institutional or other sources (including unrestricted funds or gifts and endowment income) awarded solely on the basis of academic achievement, merit, or any other non-need-based reason.

³ Need-based self-help aid: loans and jobs from institutional, state, federal, or other sources for which a student must demonstrate financial need to qualify.

Student Academic Achievement Undergraduate Grade Point Average by Faculty and Level, Fall 2015-16 Registered Students

Faculty	Freshman	Sophomore	Junior	Senior	4 th Year	5 th Year	All
FAS	77.37	76.58	78.02	78.68			78.06
FAFS		76.15	77.84	77.47	79.10		77.95
FEA		79.35	79.55	79.63	80.86	80.60	80.11
FHS		76.82	80.10	79.55			79.04
OSB		77.45	77.73	77.80			77.73
HSO		73.05	77.07	77.48			76.47
Average	77.37	77.29	78.50	78.75	80.67	80.60	78.89

First Year's Admission Profile by Faculty

Faculty	AVG MATH	AVG VERBAL	AVG SAT I	AVG COMP	Percent in Top Tenth of High School Graduating Class	Percent in Top Half of High School Graduating Class
FAFS	590	459	1049	549	22	71
FAS	614	483	1096	562	28	77
FEA	698	520	1218	634	43	95
FHS	591	453	1044	565	23	83
HSO	555	432	988	528	33	77
OSB	632	482	1114	565	17	72
AUB	633	488	1121	579	30	81

Applications, Acceptances and Enrollments by Faculty and Level, Fall 2015-16

Faculty	Applied	Accepted	Accepted %	Registered	Yield
Undergraduate Level					
FAFS	1818	745	41	84	11
FAS	7069	2895	41	951	33
FEA	5212	873	17	411	47
FHS	1657	510	31	83	16
HSO	278	146	53	36	25
OSB	1622	992	61	188	19
Graduate Level					
FAFS	59	33	56	22	67
FAS	301	183	61	102	56
FEA	231	138	60	61	44
FM	125	59	47	28	47
FHS	627	135	22	54	40
HSO	28	21	75	8	38
OSB	240	138	57	90	65
Post Graduate					
FAS	29	6	21	4	67
FM	22	8	36	5	62
FEA	43	22	51	13	59
Professional					
FM	219	120	55	105	88



Clubs Days
2015

Distribution of International Students by Faculty, Fall 2015-16	
Faculty	Percent International enrolled
FAFS	18%
FAS	28%
FEA	14%
FM	16%
FHS	21%
HSO	15%
OSB	22%
AUB	21%



Students Big
Game 2015

03

Academic Programs and Degrees Awarded

27

Undergraduate and Graduate Degrees by
Faculty, Degree and Gender

27

Average Class Size by Faculty and Department

29

Degrees Awarded by Faculty

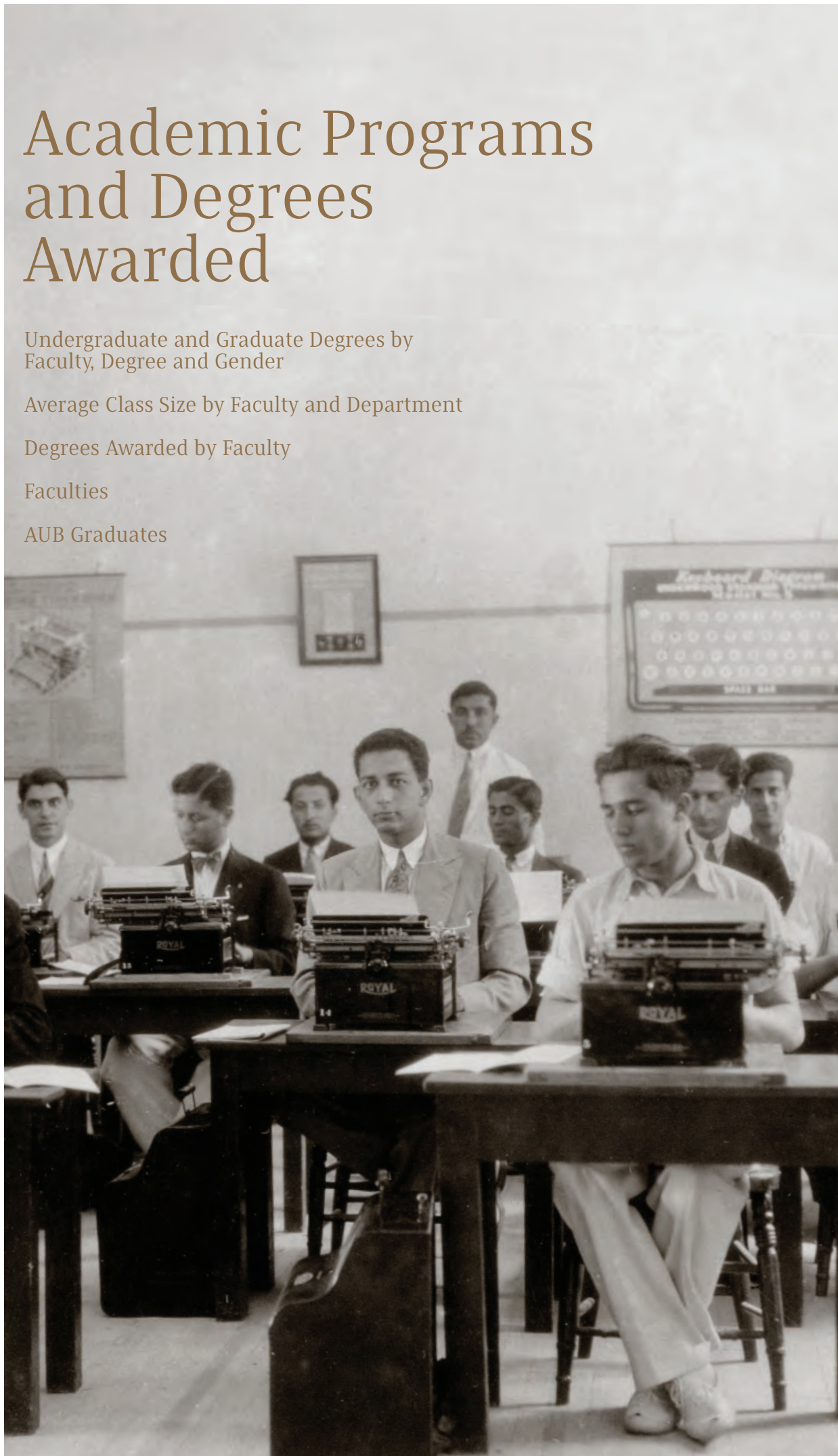
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Faculties

34

AUB Graduates

Students seated
at typewriters in
Commerce Class,
1929-1930



Undergraduate and Graduate Degrees by Faculty, Degree and Gender, As of and Including June 30, 2015

Faculty	Degree	Female	Male
Undergraduate level			
FAFS	BSA, BS, BLA	97	24
FAS	BA, BS	296	242
FEA	BAR, BFA, BEN, BS	139	279
FHS	BS	32	20
HSO	BSN	34	6
OSB	BBA	169	139
Graduate Level			
FAFS	MS, MSES	25	2
FAS	MA, MS, MAFINE, MSES	83	36
FEA	MEN, MEM, MSES, MUDS, MUPP	40	75
FM	MS, MD	11	4
FHS	MPH, MS, MSES	44	6
HSO	MSN	13	4
OSB	MBA, EMBA, MA, MF	47	49
Post Graduate level			
FEA	PHD	3	6
FAS	PHD	3	

Average Class Size by Faculty and Department

Faculty	Department	Average class size*
FAFS	Agricultural Sciences	14
	Animal and Veterinary Sciences	15
	Landscape Design and Eco-Management	24
	Nutrition and Food Sciences	21
FAS	Arabic	16
	Biology	16
	Center for American Studies	7
	Chemistry	32
	Civilization Sequence Program	31
	Computer Science	22
	Economics	31
	Education	10
	English - Communication Skills	19
	Fine Arts and Art History	15
	Geology	19
	History and Archaeology	15

FAS
celebrates
ACEND
accreditation
of Nutrition
and Dietetics



Average Class Size by Faculty and Department (Continued)

Faculty	Department	Average class size*
FAS (Continued)	Mathematics	33
	Middle Eastern Studies	4
	Philosophy	16
	Physics	23
	Political Studies and Public Administration	15
	Psychology	19
	Sociology, Anthropology and Media Studies	19
	University Preparatory Program	13
FEA	Architecture and Graphic Design	22
	Chemical Engineering	26
	Civil and Environmental Engineering	24
	Electrical and Computer Engineering	21
	Engineering Management	31
	Mechanical Engineering	22
FM	Anatomy, Cell Biology and Physiology	14
	Biochemistry	14
	Human Morphology	3
	Pathology and Lab Medicine	18
	Pharmacology and Therapeutics	21
	Radiologic Technology Training	6
FHS	Environmental Health	20
	Epidemiology and Population Health	18
	Health Management and Policy	13
	Health Promotion and Community Health	14
	Medical Laboratory Sciences	33
HSN	Nursing	13
OSB	Business Administration	26
Interdepartmental Discipline (IDM)		8
AUB	Average class size in AUB	21

*Average Class Size is the average number of students in each main course session (tutorial, common lecture, lab lecture and recitation are excluded)

Degrees Awarded by Faculty

Programs	Degrees or Certificates
Faculty of Agricultural and Food Sciences	
Agricultural Economics	MS
Agricultural Extension	MS*
Agriculture	BSA
Diploma of <i>Ingénieur Agricole</i>	Diploma
Animal Science	MS
Food Sciences and Management	BS
Food Technology	MS
Irrigation	MS
Landscape Architecture	BLA
Mechanization	MS*
Nutrition	MS
Nutrition and Dietetics	BS
Plant Protection	MS
Plant Science	MS
Poultry Science	MS
Soil Sciences	MS
Veterinary Science	BS*
Agribusiness	BS
Nutrition and Dietetics Coordinated Program	BS
Food Security	Diploma
Rural Community Development	MS
Faculty of Arts and Sciences	
Anthropology	MA
Arab and Middle Eastern History	PhD
Arabic Language and Literature	BA, MA, PhD
Archaeology	BA, MA
Art History	BA
Biology	BS, MS
Cell and Molecular Biology	PhD
Chemistry	BS, MS
Computer Science	BS, MS
Diploma in Educational Management and Leadership	D.Ed.M.L.
Diploma in Special Education	D.S.Ed.
Economics	BA, MA
Education	MA
Education/Elementary	BA
English Language	BA, MA
English Literature	BA, MA
Financial Economics	MAFE
Geology	BS, MS

*Temporarily frozen

Degrees Awarded by Faculty (Continued)

Programs	Degrees or Certificates
----------	-------------------------

Faculty of Arts and Sciences (Continued)

History	BA, MA
Mathematics	BS, MS
Middle Eastern Studies	MA
Petroleum Studies	BS
Philosophy	BA, MA
Physics	BS, MS
Political Studies	BA, MA
Psychology	BA, MA
Public Administration	BA, MA
Sociology	MA
Sociology/ Anthropology	BA
Statistics	BA, BS, MA, MS
Studio Arts	BA
Teaching Diploma	TD
Theoretical Physics	PhD
Media Communication	DIPL
Media Studies	MA
Computational Sciences	MS
Applied Math	BA, BS
Transitional American Studies	MA
Clinical Psychology	MA
Media and Communications	BA
Public Policy and International Affairs	MA
Suliman S. Olayan School of Business	
Business Administration	BBA, MBA
Executive Business Administration	EMBA
Finance	MF
Human Resources Management	MA
Faculty of Engineering and Architecture	
Architecture	B. Arch.
Civil Engineering	BE, ME, PhD
Mechanical Engineering	BE, ME, PhD
Computer and Communications Engineering	BE
Electrical and Computer Engineering	BE, ME, PhD
Engineering Management	MEM
Urban Design	MUDS
Urban Planning and Policy	MUPP
Graphic Design	BFA
Environmental and Water Resources Engineering	ME, PhD
Chemical Engineering	BS, BEN



Launching the Knowledge to Policy center

Programs	Degrees or Certificates
Construction Engineering	BS
Applied Energy	MEN
Industrial Engineering	BE
Energy Studies	ME
Faculty of Health Sciences	
Environmental Health	BS
Medical Laboratory Sciences	BS
Epidemiology	MS
Population Health	MS
Master in Public Health	MPH
Medical Audiology Sciences	BS
Medical Imaging Sciences	BS
Executive Medical Health Care Leadership	EMHCL
Faculty of Medicine	
Nursing	RN-BS, BSN, MSN
Medicine	MD
Biochemistry	MS
Basic Medical Sciences	PhD
Human Morphology	MS
Microbiology and Immunology	MS
Pharmacology and Therapeutics	MS
Physiology	MS
Biomedical Sciences	PhD
Clinical Psychology	CERT
Orthodontics	MS
Interfaculty Programs	
Environmental Sciences (Majors in Ecosystem Management, Environmental Technology, Environmental Health, and Environmental Policy Planning)	MSES
Neuroscience	MS
Nutrition	MS



Faculties

AUB offers more than **130 programs** leading to bachelor's, master's, MD, and PhD degrees through **six faculties**:

01



Faculty of Arts and Sciences (FAS)

(Established in 1866, FAS is AUB's oldest faculty)

02



Faculty of Medicine (FM)

(Established as the Medical Department in 1867; nursing school established in 1905)

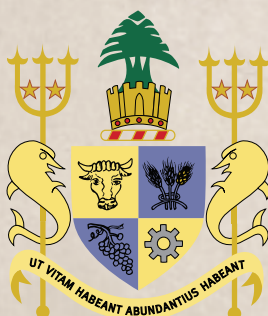
03



Faculty of Engineering and Architecture (FEA)

(Established as the School of Engineering in 1951)

04



Faculty of Agricultural and Food Sciences (FAFS)

(Established as the School of Agriculture in 1952)



Registration
period
1973-74

05



Faculty of Health Sciences (FHS)
(Established as the School of
Public Health in 1954)

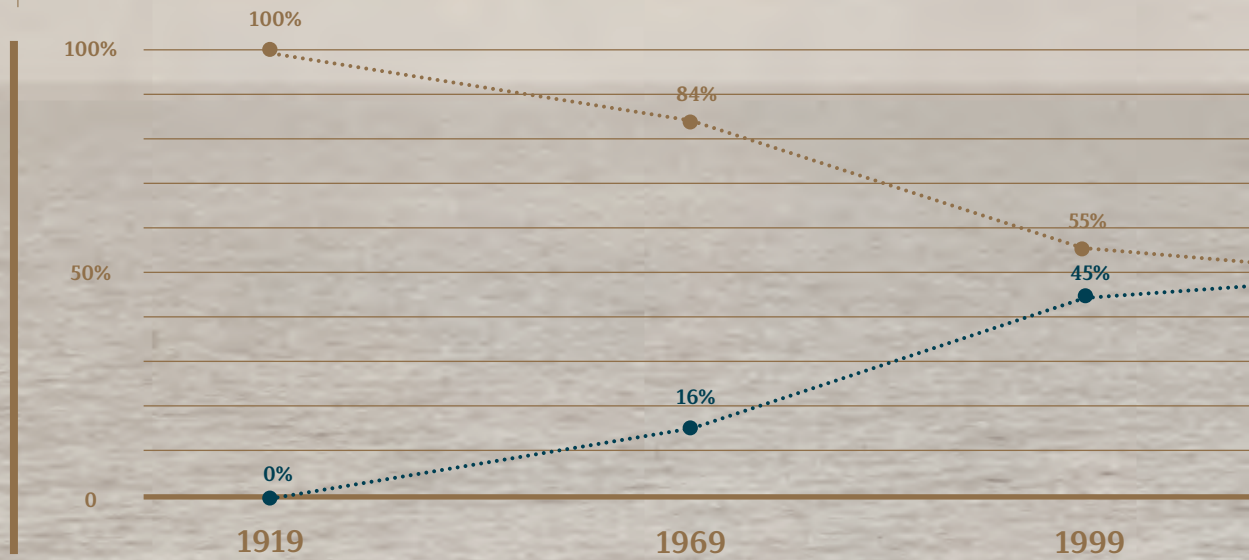
06



**Suliman S. Olayan School of
Business (OSB)**
(Established in 2000; named
in 2003)



AUB Graduates





● Male
● Female

52%
48%

2015

Graduates	Male	Female	Total
1870-1919	1,501	-	1,501
1920-69	10,352	2,033	12,385
1970-99	17,536	14,280	31,816
2000-15	12,968	13,914	26,882
Total	42,357	30,227	72,584

Commencement
1957

04

Faculty and Staff

38

Faculty by Gender, Full-time, Part-time, and Highest Degree Held

38

Summary Analysis on Academic Remuneration for Appointees on 9-month Contract

38

Summary Analysis of Non-academic Salaries

39

AUB Employee since 1970 by Area and Gender





Faculty of
Syrian
Protestant
College,
1898

Faculty by Gender, Full-time, Part-time, and Highest Degree Held

	Full-time	Part-time	Total
Total number of instructional faculty*	797	324	1121
Total number who are women	272	172	444
Total number who are men	525	144	669
Total number who are nonresident aliens (international)	156	17	173
Total number with doctorate, or other terminal degree	661	115	776
Total number whose highest degree is a master's but not a terminal master's	126	173	299
Total number whose highest degree is a bachelor's	7	23	30
Total number whose highest degree is unknown or other	3	13	16
Total number of faculty teaching clinical medicine graduate-level students	221	10	231

* Number of instructional faculty is the number of faculty involved in research or teaching undergraduates.

Summary Analysis on Academic Remuneration for Appointees on 9-month Contract, Academic Year 2015-16 (December 2015)

Rank*	Average Years in Rank	Minimum US \$	Maximum US \$	Average US \$
Professor	10.52	65,617	163,654	96,144
Associate Professor	4.16	53,738	105,465	70,257
Assistant Professor	3.58	44,761	83,018	58,054
Senior Lecturer	8.52	44,149	91,971	68,063
Lecturer	4.43	36,055	72,494	49,344
Instructor	11.00	26,567	52,621	36,012

* Excludes current and former deans, vice presidents, and directors.

Summary Analysis for Non-academic Salaries

The following are the annual and monthly salaries, minimum and maximum, for grade brackets.

Grade	Min	Max
Monthly - LL		
[01-03]	702,667	3,558,270
[04-06]	805,090	3,958,249
[07-09]	1,000,000	5,319,122
[10-12]	1,300,000	6,710,407
[13-16]	2,216,275	17,003,205
Annual - US\$		
[01-03]	5,592	28,315
[04-06]	6,407	31,498
[07-09]	7,958	42,327
[10-12]	10,345	53,398
[13-16]	17,636	135,304



AUB Employees Since 1970 by Area and Gender											
	Campus						Medical Center				
	Academic			Non-Academic			Non-Academic			Ratio Academic/ Non-Academic	
Year	Women	Men	Total	Women	Men	Total	Women	Men	Total	Academic	Campus Non-Academic
1970	3	34	37	105	369	474	58	124	182	7%	93%
1980	19	60	79	171	472	643	187	258	445	11%	89%
1990	104	157	261	249	581	830	390	476	866	24%	76%
2000	214	417	631	329	680	1,009	773	727	1,500	38%	62%
2010	412	610	1,022	424	733	1,157	1,113	949	2,062	47%	53%
2016	510	707	1,217	520	777	1,297	1,389	1335	2,724	48%	52%

Percentage of AUB Employees Since 1970 by Area and Gender											
	Campus						Medical Center				
	Academic			Non-Academic			Non-Academic			Ratio Academic/ Non-Academic	
Year	Women	Men	Total	Women	Men	Total	Women	Men	Total	Academic	Campus and MC Non-Academic
1970	8%	92%	100%	22%	78%	100%	32%	68%	100%	5%	95%
1980	24%	76%	100%	27%	73%	100%	42%	58%	100%	7%	93%
1990	40%	60%	100%	30%	70%	100%	45%	55%	100%	13%	87%
2000	34%	66%	100%	33%	67%	100%	52%	48%	100%	20%	80%
2010	40%	60%	100%	37%	63%	100%	54%	46%	100%	24%	76%
2016	42%	58%	100%	40%	60%	100%	51%	49%	100%	23%	77%



Mr. and Mrs. Bliss, Faculty and students of SPC with visitors, ca. 1900

05

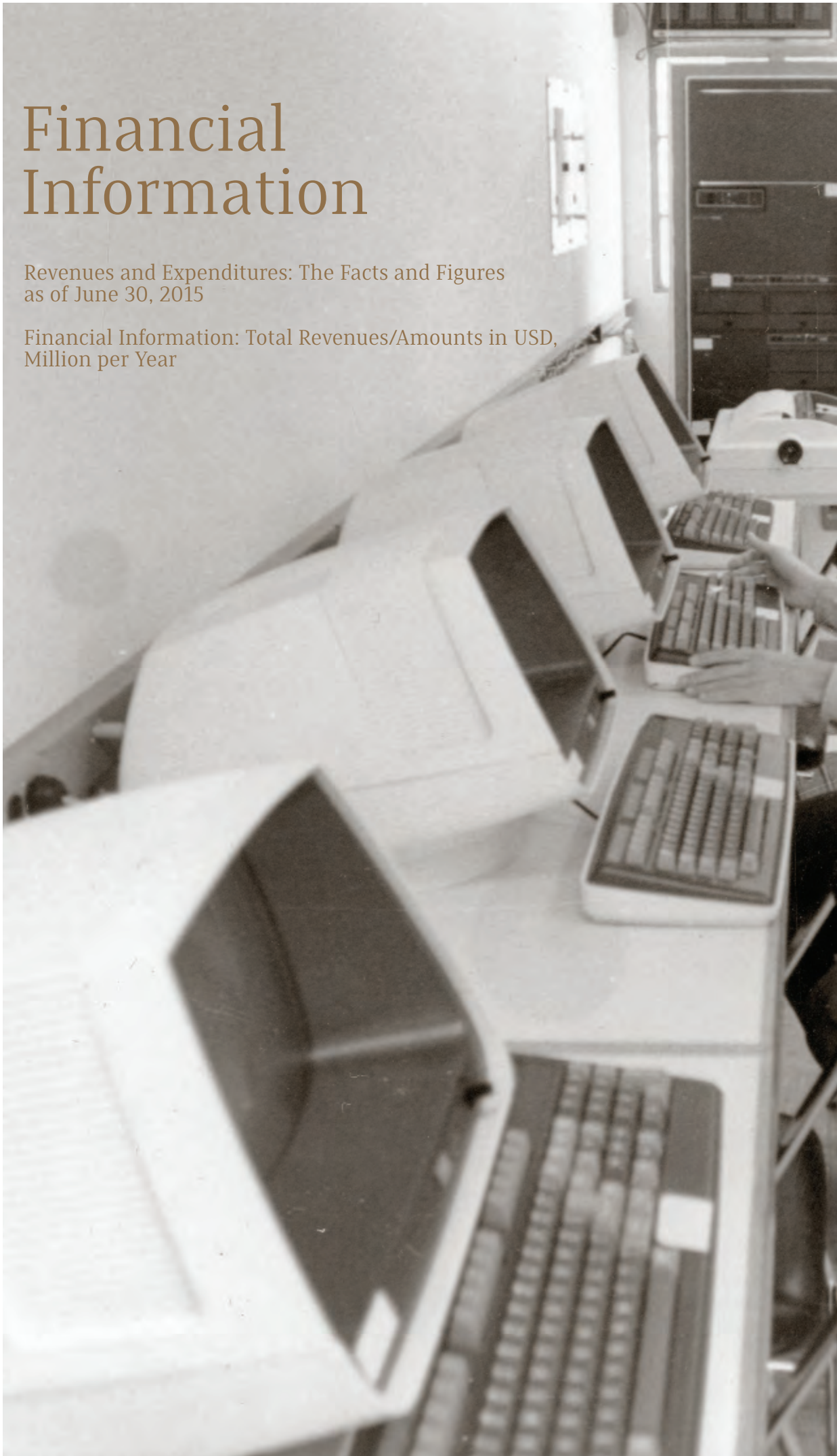
Financial Information

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Revenues and Expenditures: The Facts and Figures
as of June 30, 2015

43

Financial Information: Total Revenues/Amounts in USD,
Million per Year





Computer
systems,
1984



Revenues and Expenditures: The Facts and Figures as of June 30, 2015

Revenues	Total (\$)
Patient care, Pharmaceutical, and Medical supplies	189,614,355.30
Tuition	166,016,158.70
Other Student and Educational Program Fees	5,852,292.63
Grants and Contracts	16,531,833.45
Gifts	17,939,789.58
Net Investment return	14,901,601.56
Auxiliary	17,362,473.25
Other Revenues	1,555,156.14
Total Revenues	429,773,661
Expenses	Total (\$)
Patient Care	187,896,253.90
Instruction	94,561,473.60
Research	13,528,140.38
Academic Support	24,460,127.29
Financial Aid	35,059,768.34
Student Services	9,857,447.00
Public Service	5,833,953.00
Physical Plant	11,566,017.40
Institutional Support	34,857,829.63
Auxiliary	12,152,650.08
Total Revenues	429,773,661



Financial Information: Total Revenues/Amounts in USD, Million per Year



06

Physical Facilities

46

Major Campus Buildings

55

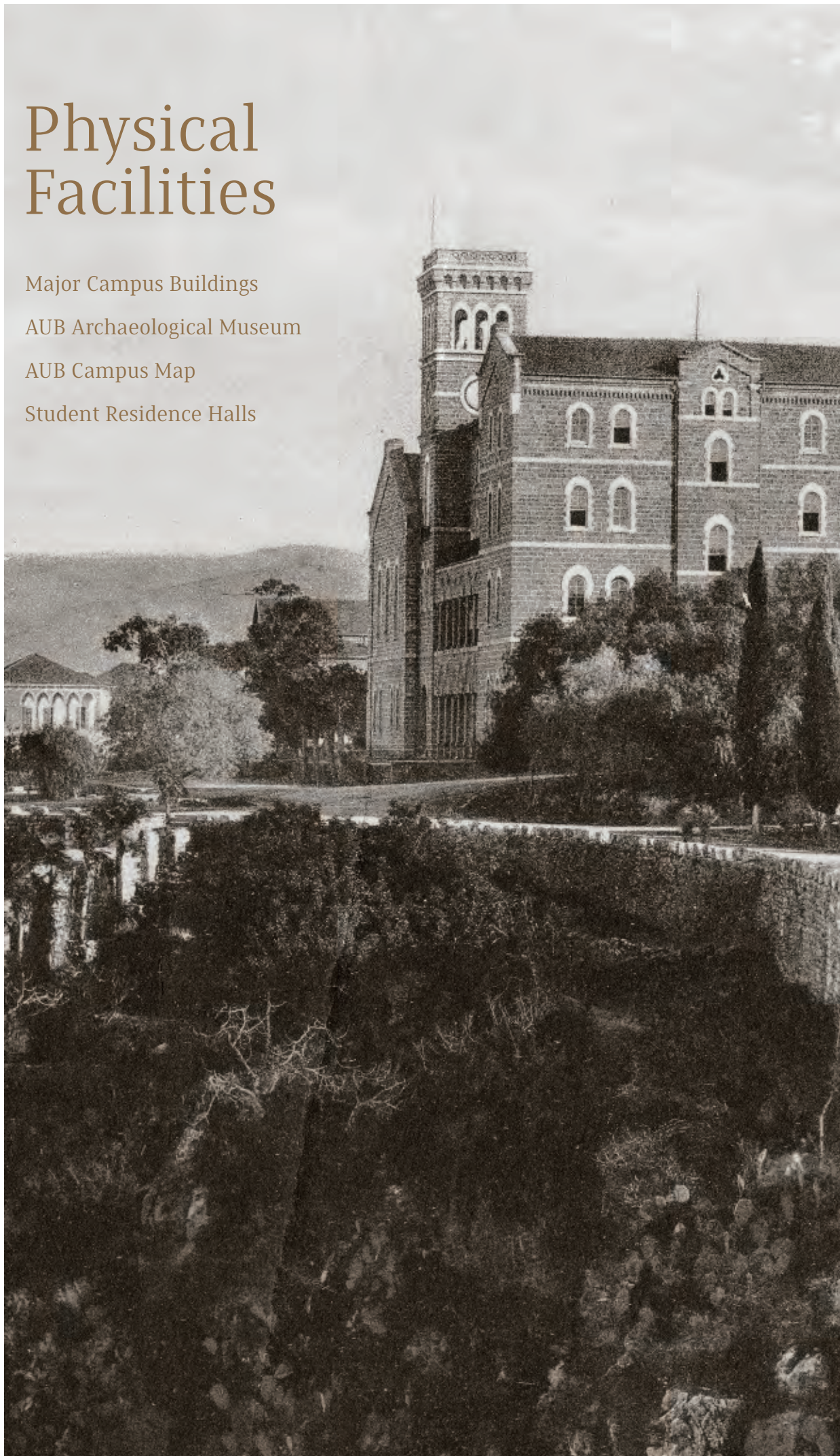
AUB Archaeological Museum

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AUB Campus Map

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Student Residence Halls





College hall,
1920s



Major Campus Buildings

1873



College Hall

Completed in 1873, College Hall was the first building on the new campus. The cornerstone was laid December 7, 1871, by the Honorable William E. Dodge, Senior, treasurer of the Board of Trustees. At first known simply as “the main building,” it housed the library, chapel, classrooms, and a dormitory, as well as geological and archaeological collections. The tower of College Hall soon became an important symbol of the new institute of learning, and citizens set their watches by its clock which was installed March 14, 1874. After its destruction in 1991, College Hall was rebuilt and inaugurated in June 1999.



1873



Ada Dodge Memorial Hall

Originally constructed in 1873, the hall was rebuilt and enlarged in 1885 with a grant from Dr. D. Stuart Dodge who named it in memory of his daughter Ada. The hall was used by the Preparatory Department, now the International College, until 1898. It was the original home of the School of Commerce and since 1900 has served as an administration building. In 2012 the Information and Public Relations Office was relocated and the ground floor was converted into an art and exhibition space.



1874



Lee Observatory

The original “Lee Astro-Physical Observatory” was built in 1874 through the initiative of Dr. Cornelius Van Dyck, first professor of internal medicine and astronomy. An enthusiastic astronomer, he obtained a donation of 150 English gold pounds from Henry Lee, a British merchant. Two decades later the building was entirely reconstructed under the supervision of Professor Robert West. In 1978 the Observatory was closed and became an office for the Facilities Planning and Design Unit (FPDU).

1879



Marquand House

Completed in 1879, Marquand House has been home to every AUB President since Daniel Bliss took up residence there in 1880, with the exception of Presidents Fredric P. Herter, Robert M. Haddad, and David S. Dodge, who steered the University from afar following the assassination of President Malcom H. Kerr in 1984. The initial campus plan called for the construction of a president's house, but it was not until New York-based merchant Frederick Marquand donated \$5,000 for that purpose and the Russo-Turkish War came to a close upon the signing of the Treaty of San Stefano that construction began in earnest.

1883



Jessup Hall

Completed in 1883, this building was used as a theological seminary by the Presbyterian Board of Missions. When the mission decided to discontinue its work in 1897 the building was sold to AUB for \$8,000. Morris K. Jessup, Chairman of the Board of Trustees and President of the New York Chamber of Commerce, donated \$5,000 towards the purchase. It was used as a residence hall for male students and in 1958 was remodeled to house departments of the School of Arts and Sciences, including the Office of the Dean.



1891



Assembly Hall

Completed in 1891, Assembly Hall originally served as a chapel. Today its excellent acoustics make this building a favored venue for concerts, lectures, and meetings. The Assembly Hall was built with a gift of US \$30,000 from Elbert B. Monroe, son-in-law of Frederick Marquand. The hall was remodeled in 1965 and in 1972. It was equipped with a new organ manufactured by the Danish firm Marcussen and Son. On November 8, 1991, the bomb that wrecked College Hall also damaged Assembly Hall's red roof tiles and broke the huge rose windows. Repair work included refurbishing and reupholstering the pews, which accommodate 700 people.



1900



Fisk Hall

Completed in 1900-02, this building was named after Pliny Fisk, an American missionary who arrived in Beirut in 1823. It served for a time as headquarters of the School of Commerce and was later used as a men's dormitory. The hall was remodeled in 1960 and now is used for classrooms and offices for faculty of Arts and Sciences.



1900



Bliss Hall

This building was named in honor of AUB founder Reverend Daniel Bliss and was completed in 1900. In the early days of the college the upper two floors of the hall served as dormitory, while the first two floors were used for classrooms. Completely restored and refurbished in the early 1990s, the hall now houses the departments of mathematics and computer science.



1902



Post Hall

Completed in 1902 and named after George E. Post, professor of botany and surgery, the building was a gift from Mr. Morris Jessup. In 1962 the interior of the hall was remodeled and its lower floor occupied by the Archaeological Museum, which contains artifacts from all parts of the Near East. This museum has been renovated. The Department of Geology also has a museum on the top floor.



1914



West Hall

Completed in 1914, West Hall was named after Robert Haldane West who taught mathematics and astronomy starting in 1884. It was thoroughly renovated in 2003. This student activity building is equipped with an auditorium, rooms for student clubs, a lecture hall, and a common room.





Van Dyck Hall

Completed in 1931 and funded by the Rockefeller Foundation, this building is named after Dr. Cornelius Van Dyck, who founded Abey Academy in Lebanon in 1843. The renovation of Van Dyck Hall started in November 1998 and ended in January 2004. The building now houses the Faculty of Health Sciences, Computing and Networking Services, and a computer laboratory.



Charles W. Hostler Student Center

Named after former ambassador and AUB alumnus Charles W. Hostler following his generous donation, the Student Center opened its facilities for use on May 23, 2008. Located on AUB's lower campus, the center's facilities comprise health and fitness rooms, an indoor 25-meter long swimming pool, a multi-use gymnasium, three basketball courts, indoor soccer and handball courts, two squash courts, student activity rooms, a refurbished track and the Green Field, a 280-seat auditorium, an internet room, and an underground parking area for around 200 cars.

2009



Rafic Hariri School of Nursing Building

The Rafic Hariri School of Nursing was inaugurated on February 19, 2009 after AUB Trustee, former Prime Minister Saad Hariri pledged \$10 million to name and endow the Rafic Hariri School of Nursing. The old Alumni building which is in the vicinity of AUBMC has been renovated and since Fall 2009 houses the Rafic Hariri School of Nursing. The Rafic Hariri School of Nursing offers a state-of-the-art Simulation and Clinical Competency Center, and computer lab in addition to a research center, administrative and faculty offices, and classrooms.

On June 4, 2010, the Hisham Jaroudi Auditorium, a hi-tech, multimedia educational space, was inaugurated in the Rafic Hariri School of Nursing building. It seats 168 people and boasts the latest technology in a user-friendly configuration, thus providing the Rafic Hariri School of Nursing with more opportunities to host video-conferencing sessions, telemedicine workshops and other educational and interactive initiatives.

2009



Suliman S. Olayan School of Business

Suliman S. Olayan School of Business inaugurated its new building on October 13, 2009, unveiling to the public a hi-tech, interactive trading room, dynamic classrooms and labs, and modern open spaces. A magnificent four-story, L-shaped building that overlooks the Mediterranean Sea from AUB's lower campus, the new home for OSB was designed by award-winning architectural firm Machado and Silvetti Associates (MSA).

2014



Issam Fares Institute for Public Policy and International Affairs

The new, purpose-built Issam Fares Institute building completes a grouping of five buildings surrounding the Green Oval, which includes Nicely, Jessup, Fisk, and Bliss Halls. The building houses AUB's Issam Fares Institute for Public Policy and International Affairs, one of the leading policy research institutes in the region. The building hosts two event venues: a medium-sized auditorium in its basement, and a smaller conference room with state-of-the-art video-conferencing facilities on its fourth floor. It also hosts two classrooms that are used by a variety of AUB departments. London-based Zaha Hadid, a former AUB student and the first woman to win the prestigious Pritzker Prize for Architecture (2004), submitted the winning design for the Issam Fares Institute building at AUB. In Spring 2014 work was completed on the site of the former Gulbenkian Infirmary.

2014



Irani Oxy Engineering Complex

On March 21, 2003 the American University of Beirut announced major gifts from the Occidental Petroleum Corporation (Oxy) and Dr. Ray R. Irani, AUB's vice Chairman of the Board of Trustees and Chairman and chief executive officer of Occidental Petroleum Corporation. Those gifts, along with gifts from other alumni and friends, and university resources funded a new engineering complex, named the Ray R. Irani Oxy Engineering Complex in honor of Dr. Irani.

Inaugurated in 2014 the Ray R. Irani Oxy Building has a built up area of 15000 square meters and is used round the clock. The new engineering building that has been constructed on the former site of Wings B and C, houses state-of-the art laboratories in all engineering disciplines, lecture rooms, and offices for PhD students. In addition the building has become home for the new chemical and petroleum engineering program as well as the Khatib and Alami engineering cafeteria.

AUB Archaeological Museum



The AUB Archaeological Museum is the third oldest museum in the Near East, after Cairo and Constantinople. In 1868, two years after the founding of the Syrian Protestant College, the American Consul in Cyprus, General Cesnola, donated the first gift of Cypriot pottery. With this nucleus collection, the AUB Museum was born. Today, the museum provides a unique overview of the Near East from the Early Stone Age to the Islamic Period showcasing collections from Lebanon, Syria, Cyprus, Palestine, Egypt, Iraq, and Iran.

Jointly, with the society of the Friends, the Museum runs a full program of activities: lectures, exhibitions, children's programs, gallery talks, and cultural trips in Lebanon and abroad.

Guided tours of the museum may be provided upon appointment.
Audio-Guides are also available.

Winter hours:

Monday through Friday: 9:00 am to 5:00 pm

Summer hours:

Monday through Friday: 9:00 am to 4:00 pm

Closed during Lebanese national holidays and AUB holidays

Telephone: +961-1-759665
 : +961-1-350000 ext. 2660 - 2661
museum@aub.edu.lb
http://www.aub.edu.lb/museum_archeo
<https://www.facebook.com/AUB-Archaeological-Museum>

AUB Campus Map





- Existing Buildings
- Ongoing New Construction
- Parking Spaces

- | | |
|--|---|
| 1 IC Campus | 49 Laundry |
| 2 Faculty Apartment No 2 | 50 EDL Room |
| 3 Faculty Apartment No 3 | 51 Warehouse |
| 4 Hussameddine Hariri Building | 52 ACF Building FS 2 |
| 5 New Pilot Plant | 53 Electronic Labs Building FS 1 |
| 6 Kerr Hall | 54 Scientific Research Building CCC |
| 7 Penrose Hall | 55 Women's Dorms Gate |
| 8 Daniel Bliss Hall | 56 New Women's Dorm |
| 9 Bliss Gate | 57 Res. 42 |
| 10 Fisk Hall | 58 Boustany Hall |
| 11 Green Oval | 59 Van Dyck Hall |
| 12 Issam Fares Institute For Public Policy and International Affairs IFI | 60 REP Building |
| 13 Nicely Hall | 61 Jaroudi Building |
| 14 Jesup Hall | 62 Jewett Hall |
| 15 Elmer and Mamdouha Bobst Chemistry Building | 63 Mary Dodge hall |
| 16 Agriculture Wing B | 64 Murex Hall |
| 17 Science Lecture Hall | 65 Diana Tamari Sabbagh Building |
| 18 Agriculture Wing A | 66 Medical Gate |
| 19 Biology Building | 67 Pierre Y. Abou Khater (Fahed) Building |
| 20 Sea Gate | 68 Wasef and Souad Sawwaf Building |
| 21 Emile Boustany Hall Physics Building | 69 Saab Medical Library |
| 22 Charles W. Hostler Student Center | 70 Med Café |
| 23 CHSC Gate | 71 Issam Fares Lecture Hall |
| 24 FAFS Landscape | 72 Medical Complex 56 |
| 25 Res. 37 | 73 Dale Home |
| 26 Res. 38 | 74 Halim and Aida Daniel Academic and Clinical Center |
| 27 Res. 39 | 75 Hariri School of Nursing |
| 28 Lee Observatory Building | 76 Medical Center Phase 1 |
| 29 Marquand House | 77 Medical Center Phase 2 |
| 30 West Hall | 78 MAB Medical Administrative Building |
| 31 Ada Dodge Hall | |
| 32 Main Gate | |
| 33 College Hall | |
| 34 Jafet Memorial Library | |
| 35 Tennis Court | |
| 36 Green Oval | |
| 37 OSB Gate | |
| 38 OSB Parking | |
| 39 Suliman S. Olayan School of Business OSB | |
| 40 Res. 41 | |
| 41 Raynond Ghosn Hall | |
| 42 Bechtel Engineering Building | |
| 43 Irani Oxy Engineering Complex | |
| 44 Dar Al Handasah Architecture Building | |
| 45 Power Plant | |
| 46 Assembly Hall | |
| 47 Post Hall | |
| 48 Corporation Yard | |

Student Residence Halls

AUB has seven student Residence Halls: six for women, two for men. AUB offers students quality housing facilities and services to ensure a wholesome living environment that enables them to thrive personally and academically.

There are four types of rooms, double (double-occupancy room with a shared floor bathroom), semi-private (two double-occupancy rooms with their own bathroom available only in the women's dorms), private rooms (single-occupancy room with its own bathroom) and suites (double-occupancy room with its own bathroom, kitchenette, one bedroom and one living room). The priority is given to freshmen and international students. Graduate students are considered only if space remains. AUB Residence Halls have air conditioning, heating, hot water, washing machines, dryers, irons, storage facilities, DVD, Cable TV, and fire exit stairs. Wireless internet is available in all Residence Halls. Each room is furnished with a bed, desk, chair, and a large closet for each resident. Residence Halls have 24/7 staff coverage and a diverse program of extracurricular activities. The Residence Halls aim to create an atmosphere of a "home away from home" and the head residents and resident assistants help make the residents' experience a positive and rewarding one.

Women's Residence Halls

While four women's residences are located in the lower campus overlooking the Mediterranean, the fifth women's residence is located in the upper campus, and the sixth is located off-campus in the heart of Hamra, within a short walk from campus. The ground floor of each hall houses a reception desk, a kitchen, and a lobby for socializing, studying and receiving guests.

Laundry facilities and vending machines with snacks and soft drinks are installed in the basement or ground floor of each residence.

Boustani Hall has five floors. Each floor has double-occupancy rooms and one semi-private unit, a kitchen, and an ironing area. A study room located in the basement is also provided.

Jewett Hall has five floors, each consisting of double-occupancy rooms and one semi-private unit, a kitchen, and an ironing area.

Murex Hall is located close to Mary Dodge Hall, a student building that houses a recreational center and a large, study lounge. Murex has four floors, each with double-occupancy rooms and one semi-private unit, a kitchen, a washing machine and dryer, and an ironing facility.

New Women's, inaugurated in 1996, has seven floors, with semi-private units only. Each floor has two balconies, a kitchenette, a small sitting area, and an ironing facility. A large study area is also provided in the basement.

Kerr II Hall This section of Kerr Hall has double-occupancy rooms, with a view of the Mediterranean or Bliss Street. Each room is equipped with a sink and a telephone. Laundry rooms and kitchens are available on the floors.

The off-campus Residence Hall is located on Sidani Street. The rooms are divided into double (each room with its own bathroom), private (single occupancy room with its own bathroom), and suite. All rooms have their own balcony and telephone. A study room is provided on the first floor.

Men's Residence Halls-

The two men's residence halls are located in the West part of upper campus close to Bliss Street with an abundance of shops and constant bustle of activity. Both offer a magnificent view of the campus and the Mediterranean Sea. The ground floor of each hall houses the reception desk, and a lounge for socializing, studying, receiving guests, and watching television. International pay phones, vending machines with snacks and soft drinks, and laundry facilities are installed in the basement or ground floor.

Kerr I Hall has six floors, each with double-occupancy rooms and a two-room apartment with its own kitchenette, telephone and bathroom. Each floor has a small lounge and three large common bathrooms. Every room overlooking the sea has its own balcony, whereas the balcony is shared by two rooms on the Bliss Street side.

Penrose Hall has six floors. Each consisting of two kitchenettes and double-occupancy rooms divided along units of two rooms sharing one bathroom, and units consisting of four rooms sharing larger bathroom facilities.



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Academic Services

Center for Teaching and Learning (CTL)

The Center for Teaching and Learning (CTL), administratively under the Office of the Provost, is an independent, multipurpose, interdisciplinary unit which serves all the faculties at the American University of Beirut. The mission of the Center for Teaching and Learning (CTL) is to promote and support high quality teaching and learning in keeping with the mission of the University, particularly its commitment to excellence in teaching and the enablement of students to think independently and become life-long learners. The CTL works in collaboration with the academic support services at the University, especially the University Libraries, the Writing Center, the IT Academic Core Processes and Systems (ACPS), the Civic Engagement Center (CCECS) and the Office of Institutional Research and Assessment (OIRA).

Activities and Services

- Annual Conference on Teaching and Learning in Higher Education
- Faculty Seminar on Learning and Teaching Excellence
- Faculty Learning Communities
- Seminar on Developing a Teaching Portfolio
- Seminar on Developing Program and Course Learning Outcomes
- Program on Learning Outcomes Assessment at the Course and Program Levels
- Seminar on Reflective Writing
- Seminars on Writing across the Curriculum
- Seminar on New Ways of Thinking about Plagiarism
- Seminar on Measuring Teaching Effectiveness
- Seminar on Interactive Lecturing
- Seminar on Strategies for Teaching Large Classes
- Seminar on Peer Observation
- Workshop on Cooperative Learning
- Workshop on Student-centered Classes in Higher Education
- Seminar on Liberal Arts Education
- Individualized faculty consultations
- Workshop on Flipped Learning
- Workshop on Inquiry Learning
- Workshop on Action Research

Scholarship of Teaching and Learning Grants

Regional Consultations

Ahfad University for Women, Dhofar University, Fahd Bin Sultan University, Princess Nourah Bint Abdulrahman University, Qatar University, and Um El Qura University

Teaching Excellence Award

Graduate Council (GC)

The Graduate Council (GC) was established in October of 2011 to elaborate, build, and carefully operate graduate governance structures in order to enhance academic and research processes. The formation of GC was a response to the expansion of graduate studies at AUB as well as the growing number of new graduate programs.

GC reports to the Provost and implements policies approved by the Board of Graduate Studies (BGS) and the University Senate. It operates in consultation with the Graduate Studies Committees (GSC) of the AUB Faculties and works alongside other units at AUB, such as the Office of Admissions, Office of the Registrar, Office of Student Affairs (OSA), Office of International Programs (OIP), and others.



GC facilitates and coordinates graduate education in the following ways:

- Follow up to ensure the uniform implementation of policies governing graduate work
- Support graduate recruitment programs
- Provide information about graduate admissions
- Encourage the development and success of students
- Provide mechanisms for quality control for all aspects of graduate education

Current Undertakings

The role of GC as defined at its formation is far-reaching in its scope. The following is an outline of what GC has reached as it continues to fulfill new aspects of its intended purpose.

- Actively participating in recruitment efforts
 - Leveraging the internet and social media to solicit applications
 - Participating in recruitment events held locally and abroad
 - Hosting the annual Open House for Graduate Studies at AUB
- Monitoring and coordinating graduate admissions
 - Administering the online graduate application
 - Coordinating to enhance the online admissions system and process
 - Answering admissions queries and resolving application issues
- Addressing graduate student issues

- Actively participating in orientation programs
- Providing helpful information through web site, printed media, and correspondence/advising
- Helping oversee the publishing of the annual Graduate Catalogue
- Advising students on general university graduate policy within GC's area of responsibility
- In matters beyond GC's area of responsibility, helping students find the appropriate AUB department or personnel who can help them find the answers/solutions they need
- Ensuring the uniform implementation of general AUB graduate policies
 - Helping students to comply with regulations and meet deadlines through helpful and timely reminders
 - Coordinating with the faculties towards compliance with AUB policies
- Working towards improving GA allocations, financial aid and fellowships
- Helping enhance graduate life by supporting the launch of student-led initiatives
- Proposing enhancements to graduate student and academic life based on its own analysis as well as the feedback of students, faculty, and staff
- Organizing workshops and informative sessions in collaboration with other units at AUB

Office of Grants and Contracts (OGC)

The Office of Grants and Contracts (OGC) at the American University of Beirut (AUB) was established in September 2001 as a support department to strengthen and encourage research at AUB. The office operates through the delegation of authority from the provost of the University.



Mission

The mission of OGC is to promote, support and administer sponsored research awards. It provides service and support to AUB administration, faculty, and staff in soliciting research funding and administering awards in the pursuit of research and scholarly activities; and in protecting and transferring inventions and technologies for the public good.

Functions

OGC assists the AUB community in administering research and institutional development grants, and clinical trials, in addition to soliciting potential sponsored research from foundations, corporations, and governmental and nongovernmental organizations at the local and international level. Through its Technology Transfer Unit, the office manages invention disclosures and inventions from all faculties on AUB campus. It encourages and assists technology development and facilitates the transfer of intellectual property to business and industry.

OGC undertakes a variety of functions which include:

Pre-Award

- Funding opportunities: identifies and disseminates funding information to full-time faculty members
- Research proposals: assists faculty members in the development of proposals and budget preparation, according to the requirements of funding agencies and AUB policies
- Proposal submission and follow-up: transmits proposals to funding agencies and follows-up on their status
- Research agreements and sub-agreements: reviews, negotiates, drafts, and signs various types of agreements including subcontracts, Memorandums of Understanding, and collaboration agreements between AUB and outside entities
- External relations with funding agencies: initiates, handles and develops relations with external funding agencies, as well as promotes faculty members' research interests and activities

Post-Award

- Grant agreements: reviews the terms and conditions of grant agreements and disseminates the information to principal investigators and to all other support departments
- Budget set-up and project guidance: coordinates with principal investigators on setting up budgets and establishing cost centers for their projects
- Provides advice and guidance about compliance policies and procedures, and clarifies administrative and financial regulations and requirements for project directors and personnel
- Grant administration: monitors project expenditures and handles the financial and administrative matters of grants, including budget modifications, no-cost extensions, renewals, reporting, subcontracts, and consultancies
- Closing out of grants: submits final reports to funding agencies and coordinates audits with principal investigators, the relevant faculty, and the Office of the Comptroller

Technology Transfer Unit

Through its technology transfer unit, OGC encourages technology development and carries out the following functions:

- Assists principal investigators in disclosing new technologies and inventions

- Carries out searches on patentability potential of new disclosed technologies and inventions
- Coordinates patent filing and protection
- Coordinates licensing of new technologies and inventions
- Prepares, drafts, and updates intellectual property policies and procedures

Center for Research and innovation

The center was launched in January 2015 to support entrepreneurship that spans and engages all of the University's faculty, students and staff. The center serves as a hub for emerging technology startups, helping them to succeed by connecting with investors, advisers, influencers and entrepreneurs. It also provides the space, equipment, trainings, and other needed resources.

Other Services

- **University Research Board (URB)**: administers URB faculty research grants and updates its policies
- **Research policies and procedures**: prepares, drafts, and updates research policies and procedures
- **Workshops**: organizes, and hosts workshops that aim at assisting faculty members in applying for external funding, and informing them about OGC procedures, AUB policies, research project administration, and technology development and transfer

Achievements

1. Pre- and Post-Award: A total of 268 grants were awarded between September 1, 2014 through August 31, 2015, of which 109 were from external sponsors for a total approved Research and Development funding (R&D) of \$23,143,253. In addition to that, a total of 366 proposals were submitted for funding during this period: 188 proposals were submitted for external funding and 178 proposals were submitted for URB and other internal funding.
2. Technology Transfer Unit: A total of 10 material transfer agreements and 52 non-disclosure agreements were signed; 4 patent applications were filed, 6 invention disclosures were submitted, and 21 novelty database searches were made.
3. Center for Research and Innovation: 10 workshops and trainings events were held, in addition to hosting 5 Startups.

Office of International Programs

The Office of International Programs (OIP) promotes internationalization and diversity at AUB by developing and administering institutional partnerships that foster both incoming and outgoing student mobility. Through its Study Abroad Program, OIP promotes exchange opportunities and advises AUB students wishing to pursue international academic experiences that are academically challenging, professionally relevant and personally engaging. OIP also offers International Student Services to support all international students at AUB, enabling them to integrate into the community and enjoy a rich academic and cultural experience.

The role of the Office of International Programs is to

- keep current records of all exchange-related agreements and share this information with the AUB community, disseminate approved AUB templates to potential partners for future agreements, review existing agreements on a regular basis for renewal, develop new agreements based on mutual interest;
- offer advice and support to AUB degree seeking students who wish to study abroad as part of their AUB degree program; and

- provide international student services to all international students studying at AUB including: pre-arrival information; on-site orientation, mentoring and intercultural activities; demystification of processes and procedures on campus; advice and support on obtaining visas and residence permits; forums (both electronic and in person) for interaction with other AUB student populations.

Office of Information Technology (IT)

The Office of Information Technology (IT) is AUB's and AUBMC's central information technology service provider. The IT strives to provide members of the AUB community with secure, state-of-the-art and cost-effective information technology solutions that empower stakeholders to excel in the pursuit of their goals and in achieving leadership in education, healthcare and campus life. The IT performs its duties in a team-empowered environment with integrity, transparency, innovation, and excellence. IT is composed of specialized departments that are responsible for revamping, implementing, deploying, and maintaining systems and technology services aimed at enhancing user productivity through seamless access to services and resources. The IT departments implement innovative solutions focusing on functionality, flexibility, manageability, standardization, security, and safeguarding data. The Office of Information Technology manages, through its various departments, the hardware, software, intranet and internet, applications and services supporting many of the University's academic, research, student life, healthcare and administrative functions. These include the student information System, academic technology services, the library information system, the Financial information systems, the asset management and maintenance system, the learning management system (Moodle), and the integrated hospital information system. The smooth and efficient functioning of these systems is overseen by a team of professional and experienced IT staff. You can view the services provided by the IT organization by visiting: www.aub.edu.lb/it/.

Intranet and Internet Services

IT provides a wired and wireless network infrastructure ensuring secure, reliable, and widespread access for AUB users across the entire campus and hospital, including all dorms and faculty apartments. AUB students can connect to the AUB network from public computer labs or personal laptops and mobile devices via the campus-wide wireless network. Using any web browser, students can take over a hundred online e-learning courses, most of which are computer-based.

With an AUBnet account, all students, faculty, and staff have full access to the internet, email, personal websites and other services such as network printers, intranet applications, and the High Performance Computing (HPC) system.

Computer Labs

There are several computer labs on campus which provide internet access and a variety of other resources such as printers, CD burners, and secure network storage for personal data. Students may also request access to servers hosting applications such as Microsoft Office, special software for statistics and graphics, and various programming languages.

Microsoft Office

All current students can download the Microsoft Office 365 suite of applications on up to 10 devices (5 laptops and 5 mobile devices) free of charge. For more details, see www.aub.edu.lb/it/.

IT Help Desk

Friendly and knowledgeable IT help desk specialists are always ready to support students, faculty, and staff. For IT-related support, contact the IT help desk by email at it.helpdesk@aub.edu.lb, dial ext. 2260, or visit one of the many IT support locations on campus in person anytime Monday-Friday 8:00am-5:00pm (7:30am-3:00pm during summer hours).

For more information, visit our website: www.aub.edu.lb/it.

IT Medical Center Processes and Systems

The IT Medical Center Processes and Systems (IT MCPS) department serves the Faculty of Medicine and AUBMC communities by providing IT servers and solutions to address business, clinical and financial automation needs. AUBMC is presently going through a fast-paced process re-engineering effort focused on improving medical care through enhancements of its business and clinical operations in line with JCI and MOH accreditation standards. Information technology plays an essential role in achieving these goals.

Major areas of the Medical Center now have IT solutions. The current homegrown Hospital Information System (HIS) is comprised of dozens of business, clinical, and financial applications accessible through a web portal although they may have been developed on different platforms. This architecture has allowed AUBMC to gradually use new technologies to significantly improve operations. This has also facilitated the ability to integrate with procured third party solutions.

The IT MCPS team continues to leverage emerging technologies to creatively meet the growing needs by expanding, upgrading, or building new solutions until a new HIS is purchased.

Libraries

AUB Libraries consist of Jafet Memorial Library (the University's central library), the Engineering and Architecture Library, Saab Memorial Medical Library, and the Science and Agriculture Library, with its annex AREC (Farm) Library.



The libraries (<http://www.aub.edu.lb/ulibraries/>) have a long history in Lebanon and in the region which is reflected in the rich collections that they own. The collections consist of 417,000 books in 496,000 volumes and 6,000 print periodicals in 175,000 volumes. The libraries also own 253,000 electronic books and subscribe to 83,000 electronic periodicals and 296 databases. The libraries have about 1,140,000 audiovisual items of all formats, the majority of which are microforms of a substantial number of local and regional journals and newspapers going back to the late 19th and early 20th centuries. The Archives and Special Collections contain 811 linear feet of archival material, 1370 manuscripts in 1405 volumes, most of which are in Arabic and some are uniquely and/or rarely held resources, over 10,000 volumes of AUB theses, projects, and dissertations going back to 1907, 5472 posters, 740 postcards, and 2000 maps, as well as 75000 photographs of a unique and historical nature. These print and electronic collections are developed and enriched on a regular basis to support the academic and research programs of the University.

The libraries are fully automated and many of their resources, databases, electronic books, and references are remotely accessible, providing a modern and virtual environment that is conducive to research. The libraries are equipped with a state-of-the-art electronic classroom and each has its own student computer lab. Secure and reliable wireless connections are available in all the libraries. The libraries provide customized reference and instruction services through emails, to walk-ins, and in classes, in an active program of user education which promotes a culture of information literacy at all levels. Researchers from Lebanon, the region, and beyond continuously seek out the libraries for their unique, rich, and historical collections, particularly on Lebanon and the Middle East. The Jafet Library opens a total of 106.5 hours per week and 24/7 during reading and exam periods. The Engineering and Architecture Library and the Science and Agriculture Library open a total of 74 hours per week.



The Saab Memorial Medical Library (SML), (<http://smlweb.aub.edu.lb/>) is dedicated to the memory of Dr. Nicholas Saab (AUB School of Medicine graduate, 1959). The library has been functioning in its present quarters as part of the Medical Center since 1975, and qualifies as one of the best medical libraries in the Middle East. Its collection consists of 5,000 e-textbooks and nearly 47,000 books (of which over 2,000 are of historical value, such as Avicenna's Canon of Medicine, 1593). SML acts as a hybrid library that is constantly increasing its e-resources while maintaining traditional services. It has a large number of the most important bibliographic medical and allied health databases, and provides access to more than 5,000 medical and health sciences e-journals. In 1978 SML was designated by the World Health Organization as the National Focal Point for Lebanon. The library has a special collection called the Lebanese Corner, which includes publications about Lebanon or by Lebanese authors, in the fields of medicine and other health related topics. SML services are provided mainly to an AUB clientele, but also to all other medical and allied health users throughout Lebanon. The library opens for a total of 106.5 hours per week.

A Summary Report of 2014-15 Achievements

Services

- Launched AUB ScholarWorks, which will include the full-text of students' theses and dissertations and faculty publications
- Increased opening hours of Saab Medical Library from 84 to 106.5 hours per week.
- Installed in all libraries heavy-duty, all-in-one networked photocopiers

Collections

- Increased ownership of electronic books from 201,231 to 253,000 and subscription to full text journals from 70,213 to 83,000 titles
- Received several large in-kind gifts and acquired major and unique collections of Arabic books, periodicals, manuscripts, photos, and posters
- Received \$25,000 from Rada and Mu'taz Sawwaf to be spend towards enhancing Jafet Library's collection of Arabic comics
- Working with New York University Libraries and several other partners on digitizing AUB Libraries' collection of pre-1956 Arabic books

Staff

- Sponsored three support staff members to pursue their master's degree in Library and Information Science in the U.S. (Illinois, Pittsburgh, Rutgers)
- Organized and participated in four major intensive training workshops on cataloging (at AUB by librarians from the U.S.), digitization (at Bibliotheca Alexandrina, New York University Libraries, and in the Netherlands), conservation (at AUB by a conservator from the Bibliothèque Nationale de France), and information technology (at AUB by staff from AUB's Office of Information Technology)

Facilities

- Received \$500,000 from Mr. Rami el-Nimr in support of the development of a Conservation Lab in Jafet Library.
- Received \$150,000 from the family of Dr. Anoun Ghattas Karam to relocate and upgrade the Libraries' electronic classroom; and \$183,000 from the President's Club to develop two new reading rooms and furnish two others
- Received \$153,000 from AUB President's Club to relocate, expand, and upgrade the Student Computer Lab in Jafet

The Writing Center

The Writing Center contributes to realization of the University's mission and strategic goals by supporting the teaching and learning of writing, collaborating with other academic support programs, and helping to ensure the academic success of faculty, undergraduate and graduate students. The Writing Center works with individual writers and also collaborates with faculty members as they develop courses complying with the General Education-mandated requirement to offer writing-in-the-disciplines (WID) instruction in each major. Established in 2004, the Writing Center

- offers free 25- and 50-minute writing consultations to members of the AUB community;
- works with faculty to develop discipline-specific writing instruction in all majors across the University;
- participates in conferences, workshops, and research projects;
- supports writing-oriented groups on campus, such as the literary journal *Rusted Radishes*;
- makes writing-related resources available through its website; and
- builds bridges within and beyond the AUB community to establish AUB as a hub for writing and the tutoring of writing in Lebanon and the Middle East region.

Undergraduate students, graduate students, and faculty members serve as tutors. The Writing Center offered a total of 1,954 individual tutoring sessions during 28 weeks in fall and spring 2014-15, with writers overwhelmingly reporting that their sessions had been "intellectually engaged" and that "the tutor listened carefully to my ideas and concerns." In addition to these individual tutoring sessions, the Writing Center personnel devoted significant resources to helping faculty develop and deepen WID courses and to offering thesis-writing workshops for MA students from across the University. It is worth noting, too, that the Writing Center serves as an important learning environment for tutors, who often move on to doctoral programs or jobs in teaching or writing-related fields.





Libraries



Jafet
Memorial
Library stacks,
1978

Print Books (Titles) since 1899

Year	Print Books (Titles)
1899	11,537
1910	17,386
1920	21,215
1930	29,194
1940	36,680
1950	47,555
1960	65,036
1970	115,874
1980	152,391
1990	199,976
2000	271,875
2010	343,597
2011	348,628
2012	353,406
2013	357,439
2014	360,261
2015	362,012



Electronic Books / Journals since 2009

Year	Electronic Books (Titles)	Electronic Journals (Titles)
2009	7,373	34,306
2010	9,725	49,137
2011	12,095	51,088
2012	191,368	68,371
2013	198,768	70,965
2014	223,231	80,213
2015	251,286	84,320

Electronic Databases / International Newspapers / Primary Source Databases since 2010

Year	Electronic Databases	International Newspapers	Primary Source Databases
2010	80	0	0
2015	265	12	32

Administrative Services Offices

Enrollment Statistics and Management Unit (ESMU)

The Enrollment Statistics and Management Unit (ESMU) assists the Office of the Provost in monitoring student enrollment, retention, graduation and in providing tuition/enrollment calculations for strategic planning. ESMU Implements AUB admission policy in support of rendering admissions decisions and provides leadership in identifying data needs and directing software solutions to meet those needs. ESMU also oversees the maintenance of the Institutional Research Data Warehouse and assures the integrity of all data captures and programmatic development. A guiding principle of ESMU is to maintain a data rich environment to inform on decisions and evaluate strategies; acting as custodian of the admission process and helping the provost to produce necessary prognostication to control student body size and quality as part of the enrollment management efforts. It conducts continuous studies on admissions criteria and develops initiatives to enhance the effectiveness of admissions processes.

ESMU Mission

- To act as repository and delivery vessel of institutional data pertaining to academic affairs, such as admissions, enrollment management, financial aid, student retention and success, university ranking, student offerings, faculty productivity, and cost of instruction.

ESMU Functions

- **Institutional Reporting** on admissions, enrollment, student retention, graduation, faculty productivity, course offering, cost of instruction, ranking, key performance indicators (Academic Affairs Institutional Score Card).
- **Enrollment Planning and Mathematical Modeling.** Short and long term enrollment projection, school record evaluation, calculation of admission score, setting of admissions threshold, modeling of financial aid in order to calibrate admission yield, forecasting of demand for seats in freshman and sophomore courses.
- **Statistical Analysis.** Student performance and success, grading, validity studies, trends in applications, trends in yield, attrition, faculty workload, sampling, survey results analysis, assessment of course scheduling and space usage.
- **Ad-hoc Reporting and Information Delivery** Linking data sources, data warehousing, querying Student Information System (SIS) and responding to the need for information from AUB community e.g. senior administration, deans, chairs, campus researchers and administrative departments.

Office of Institutional Research and Assessment (OIRA)

The Office of Institutional Research and Assessment (OIRA) coordinates institutional assessment and research activities. It is responsible for the collection, analysis, and dissemination of accurate and timely information about the University's environment



and performance. This information supports institutional management, operations, decision-making, planning functions, and assists to achieve excellence in student learning community service.

The office also develops and conducts assessments for various purposes at institutional, regional, and international levels.

More specifically, the functions of OIRA are to

- coordinate assessment and evaluation of university programs and processes (e.g., registration, admission, advising) to support planning, decision-making, and improvement;
- formulate and implement data-gathering activities such as surveys, interviews, and focus groups for a wide variety of internal (e.g., accreditation) and external (e.g., comparison with peer institutions) uses;
- develop, administer, and report assessments required by the University for admission, placement, and other educational purposes;
- develop and administer comprehensive assessment plans for student support programs like USP and Mastercard.
- serve as a testing center for various international administrations and organizations (e.g., ACT, ETS, IELTS, FRM, CFA, etc...); and
- administer instructor and course evaluations, and provide feedback to faculty members to improve teaching.

Community Services

Regional External Programs (REP)

Since its founding, AUB has set high standards that are reflected in AUB's mission: "to provide excellence in education, to participate in the advancement of knowledge through research, and to serve the peoples of the Middle East and beyond." AUB expands its reach internationally using the Office of the Vice President for Regional External Programs (REP). Since 1976, REP has delivered practical, measurable results to both private and public sector organizations throughout the Middle East and North Africa. Drawing on the resources of the American University of Beirut allows REP to offer the highest concentration of technical expertise and professional resources in the form of consultancy, technical assistance and corporate training. The AUB faculty includes national and international experts who are recognized for their knowledge, innovative research techniques, insightful analyses and timely recommendations.

As part of a non-profit organization, REP is a quality service provider driven only by a commitment to excellence, pride in propagating world-class standards relevant to the region, and building lasting partnerships for enhancing professional performance. REP provides consulting and technical assistance on a wide range of issues in agriculture/food sciences, arts/sciences, business, education, engineering/architecture, management consulting, journalism, and medical/health sciences. REP merges academic expertise and advanced professional ingenuity in a customized manner to meet the needs of specific organizations and their unique situations. This is coupled with AUB's intimate knowledge of the Middle East and North Africa.

REP has a presence around the region with over 55 current projects in 12 countries. It is an incomparable resource for understanding and solving difficult challenges in the Middle East and North Africa.

REP applies its expertise in consulting, technical assistance, data collection and medical/life sciences to a wide variety of problems in the public and private sectors. In Lebanon, REP has helped shape many important and complex public programs, including environmentally appropriate rural technologies, administrative reform in the public sector, integrated computer technology in schools, water quality monitoring, etc. In addition REP partners with major international development organizations to help regional governments improve service delivery and implement sustainable market-based reforms. REP has working relationships with the U.S. Agency for International Development, the United Nations, the World Health Organization, the Hariri Foundation, the World Bank, Higher Education Institutions, Banking Institutions, European international organizations, among others.

Continuing Education Center

The Continuing Education Center (CEC) at the American University of Beirut is a division of the Office of the Vice President for Regional External Programs (REP). CEC stands at the heart of AUB's strategic plan in extending the resources of the University into the community by providing high-quality educational opportunities for people of all educational and professional levels. CEC programs are designed to cater for the personal and professional growth needs of practitioners.

In line with its mission to serve the region and its commitment to life-long learning, AUB offers a variety of certificate and diploma non-credit programs, non-certificate courses, intensive professional courses, as well as special programs for seniors (University for Seniors) and children of AUB alumni, in collaboration with the Office of Alumni Relations and the Worldwide Alumni Association of the American University of Beirut (WAAAUB).

The addition of Corporate Programs, naming a few in Aviation Management, Pharmaceuticals, Project Management, Real Estate Brokerage etc., and short



courses: Step-Up Program, Little Engineer Initiative, Citizenship Education, etc., strengthens our community service outreach mission.

CEC offers non-credit courses and programs that can lead to professional certificates and diplomas, as well as non-certificate courses in various areas including: languages, information technology, SAT, MCAT, GMAT, radiography, photography, interior design, leadership skills, and green building that aim at helping participants maintain a competitive edge throughout their career path.

Center for Civic Engagement and Community Service (CCECS)

Background

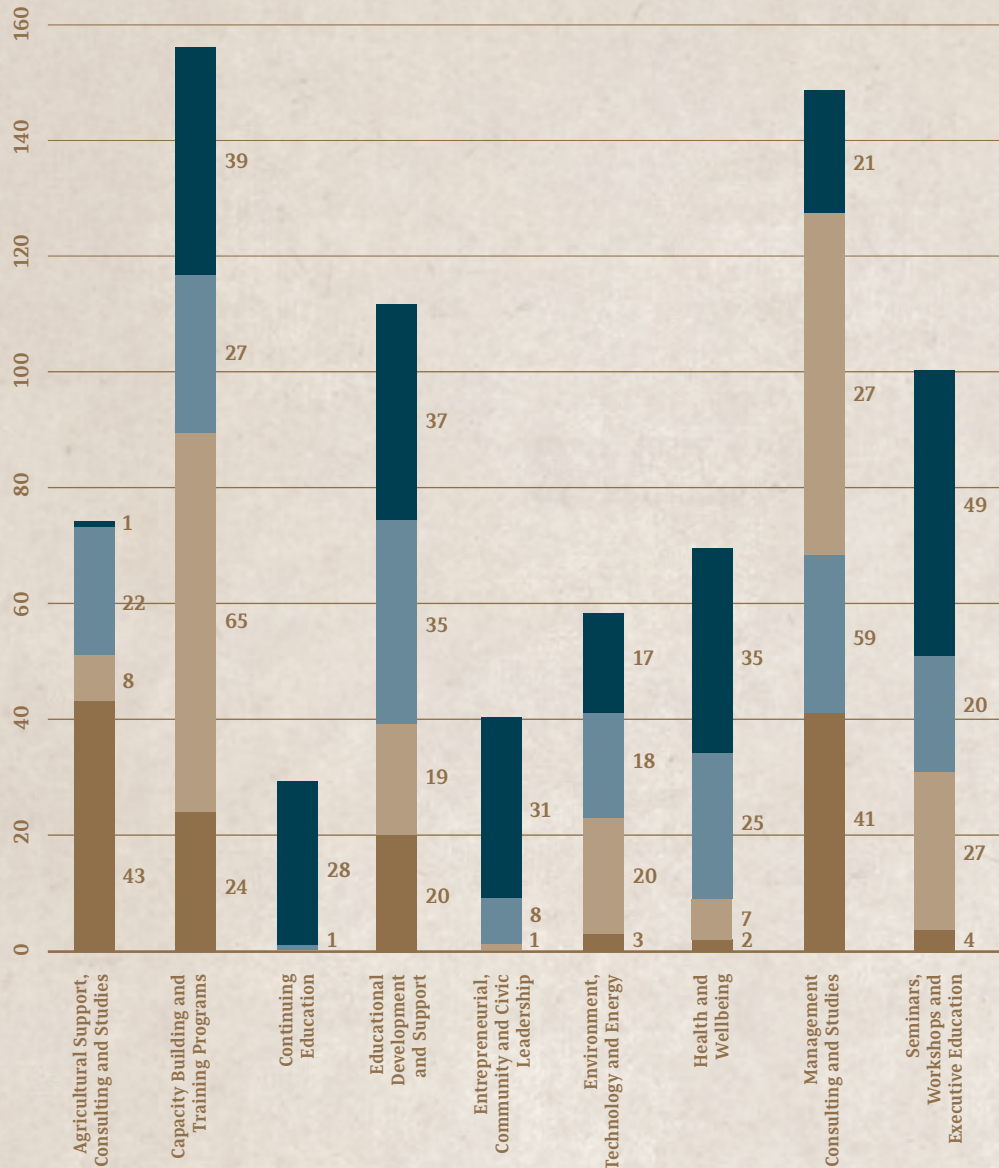
Since its inception in 2008, the Center for Civic Engagement and Community Service (CCECS) has aimed to develop a culture of service and civic leadership within the AUB community and provide opportunities for university students, faculty, and staff from all backgrounds to study and respond to social and civic needs. Through a combination of outreach and volunteerism opportunities, community development projects, service-learning activities and university scholarship programs, CCECS strives to break down the silos between academia, humanitarian/developmental agencies, and policy makers in order to effect change within Lebanon's most underserved communities.

A. Conceptual Framework

The center supports multidisciplinary and cross-faculty initiatives and progressive ideas, which are developed and implemented with the full participation of community partners and stakeholders. This process begins by securing consensus on a general theme, and develops by incorporating local knowledge and molding the support of user groups. Although clearly structured, the methodology of the work is highly

REP Database

Projects by Purpose



Geographic Spread of REP Projects

Saudi Arabia	33%
Lebanon	17%
UAE	15%
Bahrain	11%
USA	7%
Oman	6%
Kuwait	4%
Qatar	2%
Sudan	2%
Iraq	2%

flexible to accommodate the fluidity of various situations on the ground and is founded on a few guiding concepts. *Developmental planning* includes a participatory process that empowers underserved communities through the integration of spatial planning with social and economic planning. Next, *participatory design* leads to socially responsive projects. Local involvement in the decision-making and implementation process stimulates innovative ideas in terms of technical operations and resource management. Finally, *strategic intervention* targets short-term interventions with immediate impact meant as a catalyst that includes complementary initiatives by the community itself.¹

These concepts are rendered operational through the dynamic interaction among stakeholders, bringing together the University, a partnering donor, and the community. Their successful interaction is dependent upon the following criteria:²

1. **Academic commitment.** A strong commitment from the associated faculty members to the institution's public engagement mission is essential. Accordingly, syllabi become operational briefs that are progressively amended as civic engagement unfolds, and learning to learn in unstructured environments becomes a necessary measure to acquire negotiation and problem-solving skills.
2. **Social responsibility.** Operating on 'sensitive' sites is subject to repercussions caused by exceptional factors that necessitate greater effort, an elastic timetable and supportive funding. An essential part of the challenging process is a partnering donor, fully aware and understanding of onsite operations.
3. **Local receptiveness.** Residents of marginalized communities are often skeptical about outsiders, especially when mapping, photographing, and interviewing. Informing local stakeholders on the objectives of the study usually alleviates suspicion and changes the mood into a warm and welcoming one. Working within a receptive context is key to engaging local groups in designing and managing meaningful projects.

B. Operational Framework

The center's operations are defined by the following cross-cutting components:

1. **Outreach and volunteerism.** Volunteering opportunities are announced on a bi-weekly basis offering the AUB community multiple ways to engage directly with local and international organizations. Community service activities and internship placements are chosen by themes that reflect the needs of the communities. Students attend orientation sessions to gain insight into the organizations' scope of work, understand their roles and responsibilities, and identify an activity that matches their skills and interests. Students also have the chance to identify potential volunteer and internship opportunities during the annual AUB NGO Fair, which brings over 100 local and international organizations on campus. A series of capacity building workshops equip students with the theoretical and practical skills needed for meaningful engagement. Workshop topics include (and not limited to) the following: introduction to civic engagement and leadership, human rights and democracy, team building, time

1 Shibli, Rabih. (2015). Community-Based Design as Mediator between Academia and Practice: The Case of Souq Sabra, Beirut. In R. Saliba (Ed.), *Urban Design in the Arab World Reconceptualizing Boundaries*. (pp. 132-45). United Kingdom: Ashgate

2 Ibid

management, reflective writing, communication and negotiation skills, and proposal writing.

2. **Community development projects.** These serve as a unique mechanism for tackling locally-identified challenges in underserved areas. Projects are developed by collaborating directly with local stakeholders and grass-roots community partners to ascertain the most pressing needs in a specific area. The theme and location of each project is determined through extensive research and field-based assessments. Interventions are developed and piloted in collaboration with a credible community partner. This work is monitored under the supervision of AUB team(s) and successful projects are scaled-up to reach a larger number of beneficiaries. Partnerships are an essential component for the implementation of the projects, as they provide the necessary channels for bringing a conceptualized idea to realization.
3. **Supporting service-learning.** Students apply theoretical concepts learned in the classroom to solve real challenges present within the community. This is accomplished by linking faculty members and their students directly to civil society organizations and/or other community partners in which students organize activities designed to meet community needs and gain further understanding of course content. At the end of each semester, students participate in the bi-annual Student Civic Engagement Conference with faculty and students from the American University in Cairo (AUC). During the event, students present their projects and actively engage in roundtable discussions and debates facilitated by guest speakers and participating faculty members. The conference includes site visits to communities students have worked in.
4. **University scholarship programs.** Under the leadership and civic engagement component of AUB's scholarship awards, namely the University Scholarship Program (USP) and Middle East Partnership Initiative (MEPI), the center equips students with the tools and necessary skills to become actively engaged citizens and to develop strategic and meaningful community projects in their respective communities. To fulfill their scholarship requirements, students undergo a multidisciplinary and integrative framework which includes: 1) training workshops, 2) volunteer rotations, 3) internships, and 4) the design and implementation of community based projects. This approach aims to provide scholars with various opportunities for active engagement outside of the classroom.

Accordingly, students' engagement is recapitulated in the three R's: Reflection in the form of papers, PowerPoint presentations, or pinups. This process gives students the space to analyze their personal attitudes and shifting values throughout their involvement in certain projects, and in turn, improve their efforts. Reciprocity implies the equal transfer of knowledge between the researcher and the partnering NGO's, stakeholders, and communities. Community representatives attend presentations and are engaged in active discussions ensuring reciprocity in the learning process. Responsibility in the sense that students are enabled to learn in unstructured environments where they gain significant negotiation skills. Active engagement with community groups provide researchers a real feel for the dynamics of chaos that govern areas which are 'out of control'. Many students take debates outside the confinement of academia and participate in public discussions on progressive issues.³

³ Shibli, Rabih. (2015). Community-Based Design as Mediator between Academia and Practice: The Case of Souq Sabra, Beirut. In R. Saliba (Ed.), *Urban Design in the Arab World Reconceptualizing Boundaries*. (pp. 132-45). United Kingdom: Ashgate



Students
Marathon

C. Key Projects and Initiatives

The center has been leading a wide number of projects across the country, which includes but is not limited to the following:

1. Reclaiming traditional water practices in rural South Lebanon—Marwaheen village

Project synopsis

Rehabilitating the Marwaheen village reservoir to promote rainwater harvesting, foster alternative agriculture practices, and create a public amenity landscape around the village's communal pond.

Impact

Doubling reservoir capacity and utilizing the harvested rainwater for irrigation purposes resulting in a remarkable increase in vegetable farming (increase from 12 to 25 dunums of cultivated land in one year).

2. Urban agriculture—Ein el Helwe refugee camp

Project synopsis

Developing a training program and rehabilitating an existing vocational training Institute as a prototype for Urban Agriculture by extending sustainable practices on rainwater collection, vertical greening, and drip irrigation.

Impact

Empowering women in the refugee camp under the conceptual framework of Ensuring Hope in a Militarized Landscape.

3. Upgrading Suq Sabra

Project synopsis

Designing and implementing physical improvements to Suq Sabra, one of Beirut's busiest street markets which cut across a zone of highly populated informal neighborhoods.

Impact

Enhancement of activities and upgrading of physical layout of the street market.



4. Animated public trail—Karm El-Zeytoun

Project synopsis

Improving, and animating the main pedestrian street in the neighborhood of Karm El Zeytoun along with residual spaces connected to it.

Impact

Upgrading a pedestrian trail, which functions as a platform for various community events and activities.

5. Community kitchens: Feeding low-income schoolchildren—Shatila Refugee Camp

Project synopsis

Establishing and refurbishing community kitchens linked to UNWRA school food programs, part of a scalable community-based intervention.

Impact

Healthy Kitchen in Shatila camp provides daily healthy meals to 450 UNWRA school students as well as new employment opportunities for Palestinian women.

6. GHATA: Bringing education to informal tented settlements—Bekaa

Project synopsis

Providing schooling for refugee children by constructing innovative and low-cost portable classrooms within tented settlements and training qualified teams from the targeted communities to lead the educational process.

Impact

Over 62 GHATA units have been installed in ITSS to serve as community schools for more than 3000 refugee children.

7. Dry sanitation latrines — Southern Lebanon and Bekaa

Project synopsis

Installing closed sewage services in informal settlements to provide Syrian refugees with safe water, sanitation, and hygiene facilities. Project included installing semi-dry latrines for GHATA schools in the Bekaa.

Impact

Decreased pollution from primitive sanitation facilities, substantial reduction in water usage during drought conditions, and reduced need for waste water treatment.

8. Agricultural extension center**Project synopsis**

Establishing an agricultural extension center that will serve a cluster of ten borderline villages in Southern Lebanon. The project aims to equip farmers with tools and techniques for sustainable agricultural practices.

Impact

Modernization of cultivation practices; introduction of rainwater harvesting; and utilization of untapped communal lands. The project targets rural economic development in a cluster of ten borderline villages.

9. Language exchange program**Project synopsis**

Providing language exchange opportunities for Syrian refugees and AUB international students.

Impact

The project brings English and Arabic speaking volunteers who team up and develop a lesson plan to improve their written and verbal language skills.

10. Bi-annual AUB-AUC student civic engagement conference**Project synopsis**

Serving as a platform for students to present their projects and actively engage in roundtable discussions and debates facilitated by guest speakers and participating faculty members. The conference includes site visits to communities students have worked in.

Impact

Students apply theoretical concepts learned in the classroom to solve real problems present in the community and strengthen academic critique, research and reflection, while communities benefit from the innovative ideas brought forth and implemented.

11. Annual AUB NGO fair**Project synopsis**

Bringing around 120 international and local organizations to participate in a two-day event on AUB campus. Connecting AUB community with over 100 local and international organizations on campus and providing opportunities for engagement in community service activities.

Impact

Participants extend and share knowledge gained from field operations with AUB community on topics related to outreach, humanitarian, and developmental initiatives and projects.

12. Jeanne d'Arc Street: a pedestrian friendly model**Project synopsis**

Remodeling the urban landscape and creating a friendly street for pedestrians, with particular attention to the needs of people with disabilities and support and input from relevant organizations.

Impact

Enhancement of safe-pedestrian mobility and setting a prototype to be scaled up on the neighborhood.

13. Civic engagement camps

Project synopsis

Engaging volunteers in the planning and implementation of community service projects over a period of time ranging between one and six weeks.

Impact

Students acquire hands-on experience through a participatory process by working directly with communities in underserved areas.

AUB-CCECS Awarded Most Civically Engaged University Campus in the MENA Region

The Ma'an Arab University Alliance for Civic Engagement hosted its first annual competition at the American University in Cairo (AUC) on November 28, 2015. Among the finalists were: The American University of Beirut (Lebanon), Hassan II University (Morocco), Palestine Technical University Khadoori (Palestine), Suez Canal University (Egypt) and Qatar University (Qatar). The competition aimed towards creating an interactive platform in which universities share new and progressive ideas on how to place civic engagement at the forefront of higher education. The American University of Beirut (AUB), represented by the Center for Civic Engagement and Community Service (CCECS) ranked in first place for the "Most Civically Engaged University Campus" in the MENA region. The AUB delegates presented CCECS' methodological and operational framework on current projects, which tackle the pressing issues and challenges affecting Lebanon. Jurors of the competition applauded the University for its high-impact and innovative approach to an organically-linked, multidisciplinary, and cross-faculty process for bringing change to underserved communities. CCECS emphasized the significance of building sustainable strategic partnerships with stakeholders and communities in order to integrate theory and practice.

The Neighborhood Initiative

AUB's presence in Ras Beirut since 1866 has shaped the urban environment nearest campus. Recognizing the importance of both its historical and future connections with its neighborhood, the AUB Neighborhood Initiative was established in 2007 to mobilize university resources—particularly its intellectual resources—for the public good just outside campus walls. A special project under the Office of the President, the Initiative team works collaboratively across the University and with neighborhood residents, businesses and public sector decision-makers. The Office of the President and the Ford Foundation support the Neighborhood Initiative.

Ras Beirutis are increasingly concerned about the declining quality of their urban environment due to noise, rubbish, congestion, broken or blocked sidewalks, and the creation of a 'concrete jungle' with the densification of building. Several graduate theses in civil engineering have addressed the problem of congestion. Building on this research, a proposal to initiate a shared taxi service for AUB faculty, staff and students will be discussed with the administration in 2016. With the Center for Civic Engagement and Community Service and a wide variety of stakeholders in the neighborhood, activist NGOs and local government, the Neighborhood Initiative has redesigned Jeanne d'Arc to be a model pedestrian-friendly street for the city. The Municipality plans construction in 2016. The Neighborhood Initiative has helped create the Bliss Area Association, a legally registered NGO. The Bliss Area Association's mission is the improvement of an area of Ras Beirut defined by Bliss Street, partnering with public and private institutions to address physical, environmental, social, economic and aesthetic issues affecting the quality of life. A first activity of the

Association will be a street festival on Bliss Street on May 1, 2016. The Neighborhood Initiative has also supported the creation of Sawt wa Samt: The AUB Noise and Silence Research Group. A noise survey and map will be conducted by this multidisciplinary group in 2016.

The Neighborhood Initiative also supports work under the general theme of community and well-being. The well-being survey results will be published by the AUB Press in Arabic and English in 2016 as *Profile of a Neighborhood*. The Ras Beirut Oral History Project recorded the stories of men and women over the age of 70 who have lived in the neighborhood for most of their lives; the book *We are All in this Together* will also be published by AUB Press in 2016. The Neighborhood Initiative is also collaborating with Jafet Library on several projects: a community book exchange, a photo exhibition of Ras Beirut over 150 years, and the documentation of Beirut streets named after AUB personalities.

Finally, the Neighborhood Initiative works on the theme of preserving the diversity of Ras Beirut. A collaborative research project with the London School of Economics on the topic of gentrification has focused the spotlight on this aspect of change in the neighborhood. The Neighborhood Initiative co-sponsored City Debates 2015: "Other Gentrifications: Urban Change beyond the Core."



08

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Dr. Wallace
Worzella with
agriculture
students at AREC
Farm (Biq'a')
explaining about
Dryland Wheat
Development,
1968



105	Energy Research Group (ERG)
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120	The American University of Beirut-Tobacco Control Research Group (AUB-TCRG)



Advancing Research, Enabling Communities (AREC)

In 1953, Dr. Samuel Edgecombe, the first dean of FAFS selected a plot of land in the middle of the Beq'aa area to create a center where students, faculty members and local community cooperate to provide solutions to the agriculture sector. Over the years, this plot of land evolved to be a unique center providing experiential learning for agriculture and landscape students at AUB as well as facilitating various research projects in the area. The legacy of this center, now called AREC, not only lies in contributing to the success of more of the 1,730 pioneers in the field of agriculture but also in the positive impact in enriching the lives of the local community in the Beq'aa plain. Today, AREC remains one of the regions' premier academic centers catering to the needs of students, faculty, researchers, and communities and addressing some of the most pressing issues of our time, including the environment, development and the sustainability of rural livelihoods.

Below are some of the key activities during 2015:

1. A new strategy for AREC is in place.
2. A strengthening in the cooperation with ICARDA to utilize additional cold storage and seed processing facilities at AREC to expand the work of the seed bank.
3. UNIFERT cooperation and agreement was renewed with AREC with better financial and educational conditions.
4. A new caterer, KMK group, was selected to provide food services to the students, visitors and professors.



5. Increasing the number of IP surveillance cameras for better security.
6. A new contractor for casuals was appointed in order to decrease the overall expenses.
7. AREC's outreach new initiative continued successfully in providing agriculture services for farmers in the neighboring villages.
8. One the poultry facility was remodeled through the generous support of ESCWA in order to be operated by renewable energy. Our new strategy aims to go green and save on energy costs.
9. Numerous key workshops and research trials took place:
 - a. Workshop in cooperation with GIZ and FAFS on new concepts for agriculture for farmers and students (from four universities in Lebanon) - visit of minister of Agriculture.
 - b. A workshop on "future collaboration and exchange of scientific innovation and expertise with ICARDA was held at AREC.
 - c. A training course was organized at AREC by ICARDA on legume breeding for trainees from different countries.
 - d. The International Labor Organization (ILO) held a workshop at AREC entitled "Training of Trainers (TOT)" under the patronage of the Ministry of Affairs and the participation of the Food and Agriculture Organization of the United Nations (FAO) and local organizations.
 - e. The Nutrition and Food Sciences Department organized 3 days training workshop for 40 participants on "Nutrition in Emergencies."
 - f. Initiation of saffron plantation at AREC with the private sector. Project of strategic importance to local communities and additional revenues to AREC.
 - g. Field trials for graduate students were conducted at AREC premises.



The Anis Makdisi Program (AMPL)

The Anis Makdisi Program in Literature (AMPL) promotes and supports an interdisciplinary dialogue and an openness to different cultural forms and traditions in the study of literature, in keeping with the approaches elaborated in the work of Anis K. Makdisi. The aim of this transformative program is to encourage and develop literary and humanistic studies at AUB and to foster intellectual exchange among members of different departments, their students, and visiting scholars.

There are four primary activities of the Anis Makdisi Program in Literature:

1. Hosting an annual Anis Makdisi memorial lecture by a leading literary scholar or a noted author of poetry or prose, and publishing this lecture following its presentation.
2. Offering seminar series on various topics concerning literary and cultural studies. The primary aim of the seminars will be to enrich the study and teaching of literature at AUB by providing focal points for discussion of a significant topic or theme. Scholars, writers, and artists will be invited from inside and outside the University to offer weeklong seminars.
3. Hosting informal gatherings (lectures, discussions, colloquia) thereby providing a venue for collegial scholarly dialogue for the academic communities of Beirut.
4. Offering—with the financial assistance of the University, two students scholarships per year:
 - i. The Anis K. Makdisi Graduate Fellowship to support graduate studies in literature at AUB
 - ii. The Anis K. Makdisi Scholarship in Literature for undergraduate studies

Min Awrak Zaki Nassif a book compiling some of Zaki Nassif's personal papers



The Asfari Institute for Civil Society and Citizenship

In November 2012, the Asfari Institute for Civil Society and Citizenship at AUB was established and funded by the Asfari Foundation, the family foundation of Trustee Ayman and Sawsan Asfari.

Given significant developments in the Arab region, the Asfari Institute was conceived as a framework to advance research and other initiatives to support the development of an informed citizenry engaged at all levels of Arab associational life and promote openness, transparency, and accountability in the region.

Mission

The Asfari Institute for Civil Society and Citizenship serves as the regional hub of a dynamic community of academics, practitioners, policymakers, and members of the general public interested in exploring traditional and innovative forms of associational life and in advancing realistic solutions to the obstacles to effective civil society and citizenship in the Arab world. The institute will encourage evidence-based research; disseminate research findings and policy/practice recommendations; provide education and training for active citizenship and effective civil society; promote awareness of civil society and civic engagement in the region; and stimulate fruitful dialogue among the region's varied publics.

In the conduct of its mission, the institute will

- support freedom of thought and expression;
- provide a neutral space for dialogue;
- foster tolerance and respect for the diversity of Arab cultures and perspectives;
- seek to interpret civil society and citizenship broadly and inclusively; and
- remain responsive to emerging needs and trends.

Vision

Through its research and activities, the institute will support the development of an informed and engaged citizenry and of increased openness, transparency, and accountability at all levels of Arab associational life.

The Asfari Institute in 2014-15

The institute's work kicked off to an energetic start in the academic year 2015—16, with a broad-ranging program that included research, symposia and an active program of public lectures and discussions, all conceptually organized under two overarching agendas: knowledge-building and education and empowerment.

A knowledge-building agenda (*Conferences and symposia*)

Several multi-year research projects were initiated under the Institute's knowledge-building agenda, many in collaboration with partners at AUB and internationally. Those include multi-year research projects that target specific themes or facets of civil society and citizenship, including: (1) the development and impact of human rights discourse and activism in the region with seven case studies and nearly 200 interviews; (2) a study assessing the impact of civil society on public policy more generally, also with seven case studies; and (3) a comparative study of the roles and impact of labor unions in several countries of the region. Another collaborative project with the Arab Studies Institute explored the effect and changing role of NGOs in several Arab countries in the aftermath of the Arab uprisings.

AUB brings artist John Carswell's works back to where they were created half a century ago



A highlight of its first year, the institute organized in February 2015 its first annual “signature” conference on civil society and citizenship issues. Over 100 academics and practitioners from the region and internationally attended this first annual conference under the theme “Exploring an Agenda for Active Citizenship,” presenting and discussing 25 papers that covered a variety of themes and countries of the region.

Knowledge building lectures, seminars and conferences covered a variety of themes, including Citizenship, Gender and Democracy Building,” organized collaboratively with the Syrian League for Citizenship and the EuroMed Feminist Initiative, “Racism and ‘Othering’” that questioned Lebanese perceptions of race and belonging, and several activities placing civil society squarely in the midst of the Arab revolts that began in 2011 such as the subtle but important role of Syrian civil society before the revolt, the active and positive role of Tunisian civil society in that country’s revolution, and the important part played by labor unions and workers’ movements in Egypt, Tunisia, and elsewhere in the region. The Institute also joined the Arts and Humanities Initiative at AUB in a series of activities under a program titled “Narratives of Hope” that focused on the role and contributions of Arab, Asian and African writers and poets engaged in the issues of the times.

Towards the end of the year, the institute announced its small grants programs and fellowship opportunities for scholars to encourage further exploration of civil society and citizenship studies. Applications were coming in towards the end of the year to be reviewed for the following academic year.

Education and empowerment

Using a combination of specifically designed training and educational programs and providing support for existing ones, the Asfari Institute hosted and participated in the Oxford University’s Refugee Studies Center’s training program for national and international non-governmental organizations’ staff on Palestinian refugees under international law. A public speaking training workshop was organized, aimed specifically at civil society activists in Lebanon to sharpen their presentation and public advocacy skills.

Institute staff also provided consultation and strategy advice to others, including the regional network of NGOs on human rights-based approaches to sustainable

development, several students clubs on AUB campus, and Palestinian advocacy groups. The Institute also hosted the joint Lebanese-Palestinian Committee for the Employment of Palestinian refugees in Lebanon, and the director of the Asfari Institute proposed a bold step of granting refugees Palestinian citizenship, which garnered significant debate in Lebanon and across cyberspace.

The Asfari Institute for Civil Society and Citizenship at AUB is now well on its way to fulfilling its mission and mandate.

The Center for Arts and Humanities (CAH)

formerly known as The Arts and Humanities Initiative (AHI)

AUB has received a grant for \$2,000,000 over five years from The Andrew W. Mellon Foundation for the establishment of the Center for Arts and Humanities (CAH), the largest Mellon Foundation commitment to the University to date.

The award strongly positions AUB to establish a permanent Center for Arts and Humanities as the regional intellectual base for innovative and interdisciplinary curricular development and teaching, as well as for scholarly humanistic and artistic production.

Building on the remarkable success of the Arts and Humanities Initiative (AHI), generously supported by the foundation since its inception in 2012, this award reaffirms the critical global importance of liberal arts education and AUB's leading role in this regard. Previous support from the foundation has been instrumental in the reinvigoration of the intellectual environment for faculty in the arts and humanities at AUB, and in the creation of a transformational and independent forum for collaborative and interdisciplinary curricular experimentation, research, intellectual dialogue, and production—especially for young thinkers and writers.

In a region undergoing radical transformation, sustaining and expanding our commitment to the arts and humanities is more essential than ever. At a time when cultural legacies and humanistic traditions are at risk of being eroded, the need for critical reflection and research on works created in Arab and other local societies are desperately needed.

This Mellon grant will support an expansive faculty and postdoctoral fellowship program, an artist or writer-in-residence, high profile public arts events, and regional collaboration with scholars and universities, as an alternative site for the production of humanistic knowledge rooted in regional cultures and as an interlocutor for East-West cultural dialogue.

We are deeply grateful to The Andrew W. Mellon Foundation for its sustained support, which strengthens AUB's capacity to develop vibrant structures for humanistic research, education, and outreach.

Center for Advanced Mathematical Sciences (CAMS)

The Center for Advanced Mathematical Sciences (CAMS) was founded in 1999 through the efforts of an international group of scientists with the primary goal of becoming the premier center of excellence for research in the mathematical sciences in the Middle East.

By creating opportunities for top-quality research and teaching, and by encouraging academic collaboration and interdisciplinary research at AUB and in the region, CAMS has served as flagship institute within AUB's academic plan to revitalize scholarship and research in the mathematical sciences.

CAMS has a unique role to play as the leading regional institute for research in the mathematical sciences.



Mission

The Center for Advanced Mathematical Sciences (CAMS) provides scientists at AUB and in Lebanon and the region with a vibrant intellectual environment for performing first-class research in the Mathematical Sciences. By creating opportunities for advanced research and teaching, and by serving as a catalyst for academic collaboration and interdisciplinary research, CAMS also plays a unique role in advancing the University's vision and mission, and in attracting and retaining exceptional scholars as members of its intellectual community.

Objectives

The objectives of CAMS are to

- promote original research in the Mathematical Sciences;
- act as a focal point for collaborative research among mathematicians and scientists in the region, partly by hosting visitors for various intervals of time, and also by organizing topical meetings, workshops/seminars, and conferences in the mathematical sciences;



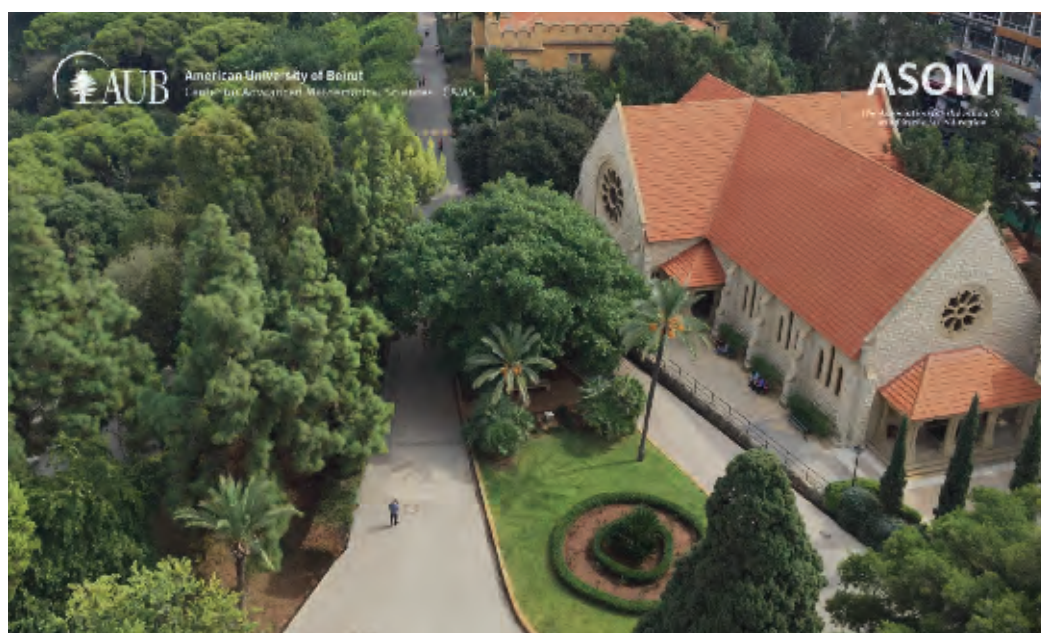
- support pure and applied research programs in mathematics, computational science, climate studies, theoretical physics, and engineering at AUB and at other universities in Lebanon;
- promote and contribute to Master's and PhD programs in the mathematical sciences at AUB;
- foster a multidisciplinary environment encompassing disciplines that make significant use of mathematical tools; and
- identify promising new fields of science and engineering with strong mathematical components, and encourage their integration within CAMS and the University.

CAMS Steering Committee

The CAMS director is assisted by an internal Steering Committee composed of up to five senior AUB faculty members who are appointed by the provost for terms of two years, renewable. The committee assists in the review and ranking of scientific proposals submitted by faculty members seeking to join CAMS as fellows. It prepares, reviews, and proposes to the director quality scholarly activities that can be conducted or sponsored by CAMS. It assists in promoting activities conducted by and at CAMS, and in engaging relevant and interested AUB departments in participating in the work of the center. The committee also advises the director on academic, personnel, and any other matters at his/her request.

International Advisory Committee

The International Advisory Committee of CAMS is an external committee made up of eminent scholars and scientists appointed by the president of the University. The purpose of the committee is to oversee the activities of CAMS; to assist it in planning; and to evaluate, on an annual basis, the center's success in meeting its objectives with recommendations. Members of the committee may also provide help in securing continued external funding for CAMS in accordance with the University's fundraising policy. The provost of AUB is an ex-officio member of the committee who acts as its vice-chair and secretary.



“Computational Neuroscience by the Mediterranean” Winter School

18–22 January 2016

American University of Beirut, Bliss Hall

Center for Arab and Middle Eastern Studies (CAMES)

The Center for Arab and Middle Eastern Studies (CAMES) offers interdisciplinary MA degrees in Middle Eastern Studies and in Islamic Studies. CAMES' goal is to enhance the understanding of the Middle East and Islamic civilization and to encourage informed scholarship in all related academic disciplines. The MA programs aim to assist students in acquiring a sound grounding in one or more aspects of the study of the Middle East and Islamic civilization, and in the Arabic language. The center offers seminars in Middle Eastern and Islamic Studies as well as a full range of Arabic language courses for non-native speakers. CAMES is an interdepartmental, interdisciplinary unit and the MA programs draw on other departments to provide coursework and thesis advising for their students. To complement students' course work and to promote scholarship about Middle Eastern and Islamic Studies at AUB, the center also sponsors visiting lectures and conferences and holds occasional events such as film screenings and readings.

CAMES focuses on current methodologies and approaches in the fields of Middle Eastern and Islamic Studies. Students structure their own course work in Middle Eastern and Islamic Studies, and in fields such as history, Arabic language and literature, contemporary politics, international relations, archaeology, anthropology, sociology, media studies, and philosophy. The courses and the thesis and project requirements encourage students' critical and independent thinking and the undertaking of analytical in-depth research.

CAMES is committed to the study of the Arabic language and offers courses at all levels in coordination with the Department of Arabic and Near Eastern Languages, as well as seven-week intensive language courses in Modern Standard Arabic and Lebanese Colloquial Arabic in the summer.

In 2014-15, CAMES organized and took part in the following activities:

Conferences

Fourth International Conference on Social Thought and Theory in the MENA Region: Comparative Methods in Studying Religion and Society, April 25-26, 2015, [Co-organized with the Department of Sociology, Anthropology and Media Studies (SOAM) and the Anis Makdisi Program in Literature (AMPL)]

ON WANNOUS: An International Conference, April 1, 2015
[co-organized with the Department of English and the Center for American Studies and Research (CASAR)]

International Symposium in Honor of Talal Asad: "The Idea of Islam Today: Towards Non-Orientalist Genealogies," September 25-26, 2014
[co-organized with AHI, Co-sponsored by Office of the Provost and the Faculty of Arts and Sciences (FAS)]

CAMES was also a co-sponsor of:

MUPP-MUD CITY DEBATES 2015: Other Gentrifications: Urban Change beyond the Core, 4-6 March 2015

Digital Humanities Institute, 2-7 March 2015

International workshop

"Codicology of Islamic Manuscripts," April 20-24, 2015 [Co-organized with the Anis Makdisi Program in Literature (AMPL), the Jafet Library, and the Islamic Manuscripts Association (Cambridge, UK)]



Panel discussions

Lebanon in the 1940s and 1950s: A Panel Discussion July 28, 2015

“The Art of Arabic Letters: The Calligraphic Paintings of Samir Sayegh”
October 29, 2014, [co-organized with the Anis Makdisi Program in Literature (AMPL)]

“Prospects for Peace in a Troubled Region,” A panel with H.E. Angelina Eichhorst,
Ambassador of the European Union to Lebanon, September 19, 2014
[co-organized with the Delegation of the European Union to Lebanon, co-sponsored by
the Department of Political Studies and Public Administration (PSPA), and Issam Fares
Institute (IFI)]

Majālīs in Islamic Studies research forum

“Islam and Literature,” Tarif Khalidi, Shaykh Zayid Professor of Arabic and Islamic
Studies, AUB, May 4, 2015

“The Early Formation of the AUB Libraries’ Manuscript Collection (1866-1920): History,
Provenance, and Usage,” Samar Mikati and Kaoukab Chebaro, AUB Library, April 27,
2015 [co-hosted with the Center for Arts and Humanities (CAH)]

“Moral perfectionism and the ‘mutuality of being’: on *silat al-rahim* in the Palestinian
refugee camps of Tyre, Lebanon,” Sylvain Perdigon, Department of Sociology,
Anthropology and Media Studies (SOAM), April 8, 2015

“Books in Transition: The Interchange of Islamic Scribal Traditions and Nineteenth-
Century Arabic Printing Practices,” Hala Auji, Department of Fine Arts and Art History,
March 2, 2015, [co-hosted by the Civilization Sequence Program (CVSP) Brown Bag
series]

“Reflections on the Sanad-cum-Matn,” Maher Jarrar, Professor of Arabic, Chair of the
Center for Arts and Humanities (CAH), February 10, 2015



AUB receives major gift for art history and curating from alumnus and trustee Phillippe Jabre

Public Lectures

“Occupation on Camera: Israeli Military Rule in the Smartphone Era”

Rebecca L. Stein, Department of Anthropology, Duke University, May 7, 2015

“Government of Paper: The Materiality of Bureaucracy in Urban Pakistan”

Matthew Hull, Department of Anthropology, University of Michigan, May 6, 2015

Book launch: Marxism, Religion and Orientalism (in Arabic)

Gilbert Achcar, Professor, School of Oriental and African Studies,
April 30, 2015 [organized by the Asfari Institute for Civil Society and Citizenship]

The Workers Movement and the Arab Uprising (lecture in Arabic)

Gilbert Achcar, Professor, School of Oriental and African Studies,
April 28, 2015 [Organized by the Asfari and co-sponsored with the Issam Fares
Institute (IFI)]

“Why Yemen's UN-Mediated Political Transition Failed: A Look into the Current War
and Post-Uprising Yemen,” Farea Al-Muslimi, Carnegie Middle East Center, May 5, 2015
[co-organized by Issam Fares Institute (IFI)]

“Philistine Aesthetics,” Justin. E. H. Smith (Paris VII), April 20, 2015

[Organized by the Arts and Humanities Initiative (AHI) and co-sponsored with by the
Anis Makdisi Program in Literature (AMPL), Faculty of Arts and Sciences (FAS)]

“Atrocities, Accountability, Memory, Policy: Transitional Justice Approaches for Syria,”
Helena Cobban, Publisher, Just World Books, April 23, 2015

“Out in the Streets: The Shifting Terrains of Activist Documentary in Cairo”

Mark Westmoreland, Postdoctoral Research Fellow, Stockholm University, April 23,
2015 [co-sponsored by the Center for Arts and Humanities (CAH) and the Department
of Sociology, Anthropology and Media Studies (SOAM)]

“Expat/Expert Camps: Rethinking ‘Labor’ within Gulf Migration and Development,” Neha Vora, Assistant Professor of Anthropology, Lafayette College, March 23, 2015

“Before Bandung: The 1949 Pan-Asian Anti-Imperialist Women’s Conference” Lisa Armstrong, Professor of Study of Women and Gender, Smith College, March 19, 2015

“From Rasht with Love: A U.S.-Iranian Cold War Story,” Cyrus Schayegh, Associate Professor of Near East Studies, Princeton University, March 17, 2015 [co-sponsored by the Department of History and Archaeology]

“Nation against State: Popular Nationalism and the Syrian Uprising” Yasser Munif, Assistant Professor of Sociology, Emerson College, March 12, 2015 [co-sponsored by the Department of English and the Department of Sociology, Anthropology and Media Studies (SOAM)]

“Was Ibn Rushd a Realist?” Malik Mufti, professor and chair, Department of Political Science, Tufts University, March 9, 2015

“Everyone’s a Target: NSA’s Mass Surveillance and Cyber Warfare in the Middle East” James Bamford, Columnist, *Foreign Policy*, March 2, 2015 [organized by the Center for American Studies and Research (CASAR)]

“Beyond Exceptionalism: Institution Building and Political Organization in Early Independence Lebanon,” Ziad Abu-Rish, Assistant Professor, Ohio University, February 26, 2015

“After the American Century: Ends of Circulation in Casablanca, Cairo, and Tehran,” Brian T. Edwards, associate professor of English, Northwestern University, February 25, 2015 [co-sponsored by the Department of English, the Arts and Humanities Initiative (AHI), and the Center for American Studies and Research (CASAR)]

“Why Gender Matters? A Feminist Perspective on Violence, Political Transition and Sectarianism in Iraq,” Nadjie Al Ali, Professor of Gender Studies, SOAS, February 10, 2015, [co-hosted with the Department of English and the Center for Arts and Humanities (CAH)]

“‘This is what you see in Lebanon’: Mandate-Era Tourism and National Branding,” Andrea L. Stanton, Assistant Professor of Islamic Studies, University of Denver, February 5, 2015

“Digital Accountability: Activism, Social Media and Investigative Journalism in Contemporary Beirut,” Habib Battah, Journalist/Editor, *Beirut Report*, February 3, 2015 [co-sponsored by the Asfari Institute and the Department of Sociology, Anthropology and Media Studies (SOAM)]

“The Myth of Coup-Proofing: Military Take-Over in the Middle East and North Africa, 1950-2013,” Holger Albrecht, Associate Professor of Political Science, American University in Cairo, November 11, 2014 [co-sponsored by the Department of Political Studies and Public Administration (PSPA)]

“Palestinian Neoliberalism and the Regional Context” Adam Hanieh, Senior Lecturer, Department of Development Studies, SOAS, University of London, November 6, 2014 [co-sponsored by the Issam Fares Institute (IFI)]

“The Cultural Work of Recovering Palestine,” Joseph Massad, Professor of Modern Arab Politics, Columbia University, September 29, 2014

The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR)

The Center for American Studies and Research is a dynamic academic and research center that offers a minor in American Studies and an MA in Transnational American Studies that was launched with its first cohort in Fall 2013. CASAR fulfills its mission to increase knowledge about encounters between the United States and the Middle East through its academic programs, its vibrant lecture series, its distinguished visiting faculty, and its publications. CASAR funds innovative scholarship in American Studies through its conference travel grants and its summer research grants.

During 2015-16 CASAR hosted its sixth international conference on the theme “Fragments of Empire after the American Century,” which brought more than a hundred participants from eleven countries. CASAR also sponsored a lecture series with over a dozen of speakers.

2015-16 lecture series (partial list)

- Steven Salaita, “Uncivil Rights: Palestine and the Limits of Academic Freedom”
- Mitra Ebadolahi, “Understanding the Human and Civil Rights Consequences of US Border Militarization”
- Ragini Shah, “Beyond the Line: An Analysis of the Causes and Consequences of Unauthorized Migration from Mexico to the United States”
- Chris Newfield, “What Comes After the Neoliberal University? Escalating Conflicts over Higher Education”
- Michelle Yates, “What Waste Reveals about Capitalism’s Crisis State”
- Lisa Hajjar, “Customizing Extreme Violence: A Critical Assessment of Israel’s War Record in Gaza”
- Umayyah Cable, “An Uprising at the Perfect Moment: Censorship, Palestinian Filmmaking, and the Emergence of Cinematic Activism”
- Asma Al-Naser, “Frontiers of Modernity: American Representations of Zionist Modernization after WWII”
- Sophia Azeb, “Négritude or Arabism? Egypt at the Crossroads of Blackness”

Center for English Language Research and Teaching (CELRT)

The Center for English Language Research and Teaching (CELRT) has the following functions:

- Sponsoring a program leading to an MA degree in English language in cooperation with the Department of English
- Maintaining a computer-assisted language learning facility and a library comprising a collection of reference books, textbooks, journals, MA theses, reports, and teaching aids.
- Offering consultation services and assistance in Lebanon and the region in all aspects of language teaching (primarily English and Arabic), including program evaluation, curriculum design, materials development, developing and administering assessment tools, and teacher training.
- Engaging in research in all aspects related to language analysis and language study including theoretical and applied linguistics, language teaching and language learning, socio-linguistics, psycho-linguistics, language and media, and anthropological linguistics.

Center for Research on Population and Health (CRPH)

The mission of the Center for Research on Population and Health (CRPH) is to support research on issues at the intersection of population and health in Lebanon, the region, and internationally, and to disseminate findings to scientists, policymakers, and the public.

The CRPH was founded in 2002 with the support of the Wellcome Trust, the Andrew W. Mellon Foundation and the Ford Foundation—the latter providing an endowment which has been matched by AUB fundraising efforts. Over the past decade, the center has led a multi-disciplinary research program on topics including reproductive health, childbirth, youth, tobacco control, and mental health.

Today, it builds on this work and seeks to expand to new areas, and strengthen comparative research in the Arab region and beyond. Researchers associated with the center are epidemiologists, physicians, social scientists and public health professionals who combine expertise in public health with a concern for how new evidence can contribute to policies and interventions to improve health.

The center provides researchers at FHS with resources for data management and analyses; access to regional data sets; proposal development, and support for new areas of research. CRPH also hosts researchers who wish to visit the Faculty of Health Sciences with the goal of collaborating with FHS faculty or of pursuing innovative research or writing activities.

Digital Signal Processing (DSP) and Adaptive Filtering Group

The group was established in 1998 as the DSP Group by Professor Mohamad Adnan Al-Alaoui who was the only faculty member at the time who was involved in DSP (digital signal processing), DIP (digital Image Processing), Pattern Recognition, Neural Networks and Machine Learning. The group established the DSP Lab. Later Adaptive Filtering was added to the name of the group. In addition to Professor Al-Alaoui the group comprises current and previous graduate students who attended the following courses:

EECE 691: Digital Signal Processing
EECE 691L: Digital Signal Processing Laboratory
EECE 693: Neural Networks
EECE 694: Digital Image Processing
EECE 694L: Digital Image Processing Laboratory
EECE 695: Adaptive Filtering
EECE 696: Applied Parallel Programming

The following link will take you to the site of the group:

<http://feaweb.aub.edu.lb/research/dsaf/main.htm>

The following link will take you to the site of the courses:

http://www.aub.edu.lb/fea/ece/academics/Pages/courses_69099.aspx

The following link will take you to the site of Professor Al-Alaoui in the ECE Department:

http://feaapps.aub.edu.lb/fea_faculty/profile.aspx?id=adnan

The following entries are available on the website:

Courses, Research, Facilities, Lab, Publications, People



Evidence-based Healthcare Management Unit (EHMU)

The Evidence-based Healthcare Management Unit (EHMU), based in the Faculty of Medicine at AUB, is a cross-disciplinary research unit that contributes to the development, improvement and strengthening of management and leadership at AUBMC and other national and regional healthcare services through the promotion of evidence-based decision making. It is based on collaboration, among various departments and faculties, which aims at nurturing innovation by encouraging cross-disciplinary research and amalgamating the diverse areas of expertise and applying them into one sector namely, healthcare.

Mission

The unit's mission is to generate knowledge and evidence that is necessary for the effective and efficient application of management principles within the healthcare industry.

Vision

The unit's vision is to become the facilitating hub in the region for knowledge generation and service improvement using evidence-based healthcare management.

Background

EHMU is hosted by the Faculty of Medicine and is a joint collaboration between the Olayan School of Business (OSB), Faculty of Health Sciences (FHS), School of Nursing (HSON), Faculty of Medicine (FM), and the American University of Beirut Medical Center (AUBMC).

In alignment with AUBMC's 2020 vision, the EHMU assists management at AUBMC in improving the delivery of healthcare, by replacing conventional wisdom in managerial decision making with research-based facts that will lead to better informed decisions. At the 43rd Middle East Medical Assembly, the Vice President/ Dean of Medical Affairs, Dr. Sayegh, explained that the following actions are key enablers to achieve the AUBMC 2020 vision:

1. To drive AUB's Faculty of Medicine and Medical Center into their true potential for excellence in achieving academically-driven innovations in clinical service, medical education, and research.
2. To act as catalysts in tying AUB's faculties together by inviting cross-faculty integration and collaboration through joint inter-faculty research.
3. To improve delivery of healthcare and ultimately increase patients' satisfaction.

The EHMU supports the Evidence-Based Management approach adopted by AUBMC and is dedicated to generating research from the business side of healthcare. We rely on research and science to make better informed and scientifically structured decisions at both the strategic and tactical levels.

Energy Research Group (ERG)

The Energy Research Group (ERG) was established in April 2000 as a multidisciplinary group to lead basic and applied energy research in Lebanon, and the region, toward a sustainable energy future by advancing interrelated science and engineering that emphasizes technology transfer and integration with social and economic development in the region. ERG's specialty areas are energy conversion, renewable energy systems, energy conservation, modeling of thermal systems, heat recovery systems, power systems, energy policy and planning, environmental assessment, solid waste management, and economic and management issues. ERG members contributed to the development of the initial national communication funded by UNDP on greenhouse gas emissions for the power production, industrial, transportation, and residential sectors in Lebanon.

ERG joined the Global Network on Energy for Sustainable Development (GNESD) in November 2003 to become one of GNESD's 20 developing world centers of excellence and network partners studying the effect of energy access and renewable energy on poverty reduction. Activities in 2008 and 2009 included externally funded research grants were continued in the current year from external funding from the American Society of Heating, Refrigeration, and Air conditioning Engineers, two projects from the European Commission through the Tempus program on the development of a master's program in Applied Energy and on a research project on installing a hybrid renewable energy system in Tunis in partnership with European and North Africa partners.

In 2009 and 2010 activities included an EU-FP7 project (Open Gain) in collaboration with several MENA institutes to install a renewable energy system and laboratory at Bourj Cedria in Tunis. The ERG also helped in developing the National Energy Efficiency Action Plan for Lebanon and, in 2012, carried out a technology needs assessment for greenhouse gas mitigation for the Lebanese power sector has been initiated in collaboration with the UNDP. In 2013, members from the ERG along with other AUB faculty members are contributing to the PROGREEN project, funded by the EU under the Tempus program, to develop professional courses and a diploma in green technologies for energy efficient buildings, water resources, and renewable energy. In this project AUB is the leading partners and is carried out in collaboration with the American University of Cairo, the Lebanese American University, University of Helwan, Suez Canal University, Polytechnic of Torino, Lund University, and University College Dublin, the University of Alicante, and the Mediterranean University Union.

Group members have also started a research collaboration effort on sustainability with the University of Applied Science at Esslingen (UASE), Germany. Projects in 2014 include the Phaedrus project to design and test a hydrogen filling station in collaboration with several European institutes. Members of ERG are also working with faculty members from UASE to develop optimal resource utilization in fuel cell hybrid cars and have also been invited to give lectures on sustainability at UASE.

The Environment and Sustainable Development Unit (ESDU)

The Environment and Sustainable Development Unit (ESDU) is an interdisciplinary research and development unit specialized in sustainable rural livelihoods. It was established in 2001 at the Faculty of Agricultural and Food Sciences at AUB to promote collaboration on sustainable development initiatives among departments at AUB and a wide variety of other institutions and organizations undertaking related activities. Notably, ESDU has implemented a number of large-scale services and development research contracts in Lebanon and the MENA region, the total value of which exceeds \$6 million (for more details see www.aub.edu.lb/fafs/esdu).

In 2007 ESDU became the 7th Center of RUAF (Resource Centers on Urban Agriculture and Food Security) serving the MENA region.

In 2008 ESDU joined forces with the International Development Research Center (IDRC) to contextualize “Outcome Mapping” (OM) as a participatory Monitoring and Evaluation tool to be used in MENA. <http://www.aub.edu.lb/fafs/esdu/projects/ongoing>

In 2010 ESDU celebrated its 10th anniversary.

Between 2011 and 2014, the project: “Mainstreaming Evaluation: Theory and Practice in the MENA Region” funded by IDRC and executed by ESDU, provided capacity development, small R&D grants for MENA specific evaluation research and publications, “Arabization” of evaluation methodologies and publications as well as virtual and face-to-face meeting and networking opportunities. One of the positive outcomes of the project was the emergence of the first MENA Professional Association on Development Evaluation (“EvalMENA”) and the Launching of the first online training course on development evaluation in Arabic, <http://www.mymande.org/elearning/course-details/6>, offered on www.mymade.org

In 2012 ESDU was selected to host the regional KariaNet Network, <http://karianet.org>

In 2014, The RCODE Master of Sciences Program in Rural Community Development, hosted by ESDU, was launched by FAFS, (Full details are found on the following link: <http://www.aub.edu.lb/fafs/esdu/GRstudies/MSRCODE>).

Farouk K. Jabre Center for Arabic and Islamic Science and Philosophy

The Farouk K. Jabre Center for Arabic and Islamic Science and Philosophy (inaugurated in 2014) will help the University expand the store of the Arab and Islamic world's legacy in science and philosophy in the region and will complement—and, in some cases, complete—other nascent initiatives at AUB that focus on Islamic studies from the historical, philosophical or business and financial aspects. The center's mission will be to support research on Arabic and Islamic science and raise awareness about these fields through outreach and education.

The center will also allow the University to offer additional undergraduate courses on Arabic science and philosophy, and to organize lectures and conferences to educate the public about the Arab world's rich legacy to science and philosophy. The center is expected to be a major hub for researchers and educators in such diverse fields as Arabic philosophy, astronomy, mathematics, medicine, physics and technology.

Health Education Resource Unit (HERU)

The Health Education Resource Unit (HERU) was established in 1986 to serve as the service arm of the Department of health promotion and community health (then called the department of health behavior and education) in the Faculty of health sciences. Since its inception in 1986 and until the establishment of the Outreach and Practice Unit in 2009 which later became the Center of Public Health Practice (CPHP), HERU planned, implemented and evaluated training workshops, developed health promotion materials on various health topics, including media programs (television and radio spots) and provided technical assistance to local governmental and non-governmental agencies (check website).

With the creation of the CPHP and to avoid duplication of efforts and maximize on use of resources within FHS, HERU is now focusing on identifying and obtaining educational materials such as posters, videos, brochures in addition to books and journals with the aim to make these resources accessible to students and health professionals in the field of public health in general and health promotion in specific. Recently and in an attempt to increase access to these resources an online database which includes over 400 books in addition to audiovisual aids, DVDs brochures on a wide range of topics both in English and Arabic is now available online and can be accessed through the link <http://www.aub.edu.lb/herudb//>



The Munib and Angela Masri Institute of Energy and Natural Resources

Mission

The Munib and Angela Masri Institute of Energy and Natural Resources at the American University of Beirut (AUB) was established in June 2007 through a generous endowment pledge of \$5 million by AUB Trustee Munib Masri of the Munib R. Masri Foundation. The institute provides a vehicle for promoting research and advanced study in the petroleum, water, and energy disciplines, as well as a focal point for collaborative research among scientists, engineers, and professionals in Lebanon and in the region at large. The institute serves as an interfaculty coordinating unit in AUB

and a catalyst for advanced research in the sciences and engineering for the management and conservation of natural resources and energy. The institute website is at http://www.aub.edu.lb/units/masri_institute/Pages/index.aspx and its premises are in Building 37, 1st floor.

The institute Steering Committee members are appointed by the provost in consultation with the director of the institute, normally for terms of three years, renewable. The chair of the Steering Committee is Professor N. Ghaddar (Engineering). The members of the steering committee are Professors A. Al Rahman (Geology), F. Moukalled (Engineering), M. Ghoul (Chemistry), M. Ahmad (Engineering), R. Jabr (Engineering), and I. Srour (Engineering).

Objectives

The Munib and Angela Masri Institute of Energy and Natural Resources provides a vehicle for promoting research and advanced study in the petroleum, water, and energy disciplines, as well as a focal point for collaborative research among scientists, engineers, and professionals in Lebanon and in the region at large. The institute serves as an interfaculty coordinating unit in AUB and a catalyst for advanced research in the sciences and engineering for the management and conservation of natural resources and energy. Its objectives are:

- Conducting research in the sciences, engineering, and business with special emphasis on energy and natural resources. In this regard, the Masri Institute acts as a regional research facility for various sciences such as geology, hydrogeology, environmental sciences, natural resource management, petroleum studies, business, and the various fields of engineering.
- Promoting and contributing to the advancement of training programs in the petroleum and energy sciences and in the effective use and management of natural resources.
- Supporting postdoctoral research and education at AUB, and at other local and regional universities, and fostering a multidisciplinary environment encompassing the various areas of energy and natural resource science.
- Identifying and pursuing promising new fields of science, engineering, business, and/or policy studies that could be integrated into the Masri Institute and the University.
- Acting as a focal point for promoting collaborative research among scientists and professionals in the region, partly by accommodating visitors for various intervals of time, and also by organizing topical meetings, workshops, and conferences in different fields.
- Playing a critical role in reviving and developing new undergraduate and graduate programs at AUB in fields encompassing chemical and petroleum engineering, natural resources science, and energy science and engineering.

Awards and Activities

- **Approved Masri Institute Awards of 2015—16.** On May 23, 2015, MI announced its winning research awards for projects to be funded for the year of 2015—16. A total of \$70,000 in research grants to five AUB research teams was awarded. The studies will include research on wireless energy harvesting using rectennas; moisture buffering capacity of hygroscopic curtains: theoretical and experimental study; online learning of 4D seismic data for real time reservoir management; coupling plasmonic and photonic effects for amplification of solar energy conversion in third generation solar cells; a simulation tool for an energy downdraft tower: evaluation of performance under realistic environmental conditions.
- **Approved Masri Institute Awards of 2014-15.** A total of about \$145,000 in research grants to 9 AUB research teams have been awarded grants to study energy-related topics of which \$30,000 were sponsored by FEA Dean covering 2 projects out of the 9 projects. The studies will include research on detecting and cleaning up oil spills; improving the efficiency of solar cells to produce



energy; developing more accurate feasibility studies for constructing dams; developing a more energy-efficient cooling system; determining best applications for storing and processing big data; testing new materials in biodiesel production; finding natural materials that can mimic photosynthesis in producing energy efficiently; designing robots that would help with offshore oil pipelines.

- The MI organized the First International ASHRAE Conference and Exhibition on Efficient Building Design on October 2 and 3, 2014 at AUB, West Hall, Bathish Auditorium and Malhas Common Room. The conference had eight technical sessions with more than 40 presentations in two days by local and international speakers. Selective best ideas in building efficiency demonstrated by major HVAC industry companies took part at an exclusive exhibition held on October 2 and 3, 2014 at West Hall in AUB campus in Beirut, Lebanon.
- MI organized the 5th International Workshop titled “Emerging Energy Scenarios in the Middle East: Challenges and Implications” on Friday, May 22, 2015. This workshop had 3 panels titled “Nuclear Power in the Middle East: Country and Policy Perspective;” “Nuclear Power in the Middle East: Challenges and Implications;” “Hydrocarbons and the Transition to Alternative Energy Resources”. It brought together academics, energy experts and policy makers from USA, Switzerland, Russia, KSA, Jordan and Lebanon to thoroughly assess the different energy pathways proposed for the region. It also established a Middle East energy network with a goal to promote research, outreach activities and connectivity among energy experts.
- MI organized a workshop titled Energy Finance in the Middle East: Uncertainties and Opportunities on Friday, January 22, 2016, 9 am to 4 pm, Maamari Auditorium; OSB, AUB. This workshop invited 10 international speakers (academics, investors, and energy experts) to discuss current and emerging financing models of energy projects in the region and to highlight the challenges that investors and governments face, particularly when considering renewables and nuclear power projects.

AUB— Nature Conservation Center (AUB-NCC)

Mission

The mission of the AUB Nature Conservation Center (AUB-NCC) is to promote conservation and sustainable use of biodiversity for the purpose of enhancing wellbeing of people and nature by providing an open innovative and collaborative platform. Our mission is achieved through research, education, community outreach, and knowledge dissemination.

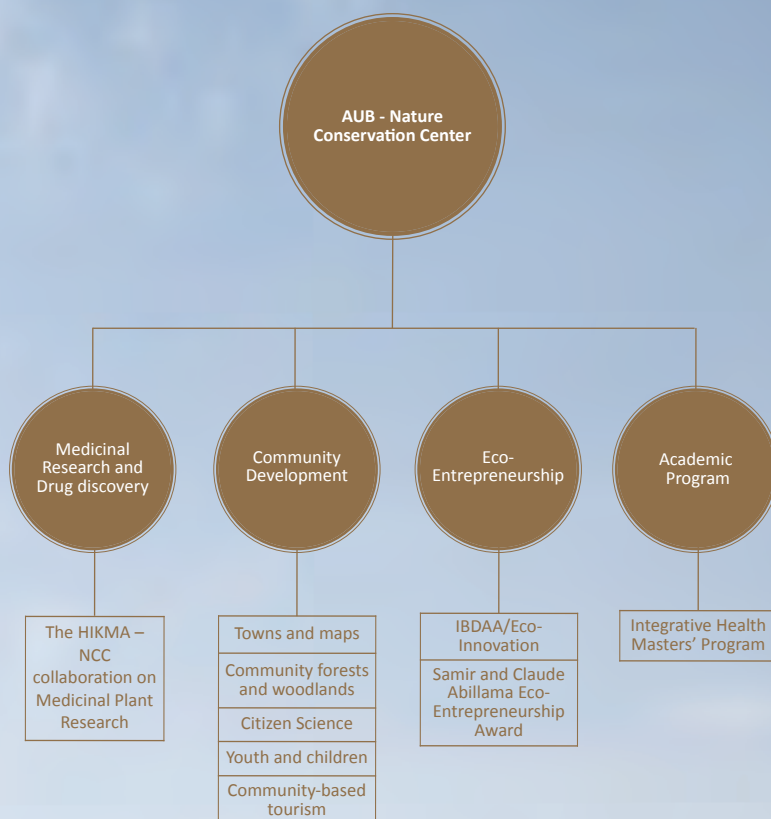
Vision

to establish the center as a recognized reference center for the study and sustainable use of dry land biodiversity.

Programs

Medicinal Research and Drug Discovery

NCC being first and foremost an academic center, one of its priorities is to promote research and discoveries of new practices that aid its mission. In this regard, it has overseen and conducted many studies of endemic plants and their medicinal properties, which have consequently shown promising therapeutic uses and allowed NCC to collaborate with pharmaceutical companies for their further development.



The general objective of NCC's Medicinal Research project is to develop anti-cancer drugs from native local and regional plants, in order to both benefit from and preserve them. One of its most promising ongoing investigations is the "Development of Novel Synthetic and Nanoparticle Derivatives of the Anti-cancer Drug Salograviolide A".

Community Development (Baldati Bi'ati)

As part of its goal of making people the guardians and beneficiaries of biodiversity, AUB-NCC uses a people centered approach to nature conservation. Accordingly, the

center launched different community based projects over the years, each targeting a different demographic, from school students, to municipalities, to the general population.

Towns and Maps

To decentralize and contextualize nature conservation, AUB-NCC has developed a participatory mapping methodology where citizen councils produce town maps. These maps reflect local interests and knowledge, and include georeferenced cultural and natural landmarks which serve as a basis for local landscape planning.

Community Forests and Woodlands

Biodiversity conservation is promoted by AUB-NCC through a multi-disciplinary approach that targets public and communal lands and includes ecological protection and rehabilitation of native habitats, participatory landscape designs to assign multi-purpose socio-economic functions (edible, recreational, etc.).

Citizen Science

Through applied scientific research that is conducted by local citizens, AUB-NCC builds capacity in public scientific knowhow that allows for the testing of local environmental problems and the communal formulation of solutions.

Youth and Children

AUB-NCC offers a stimulating array of “learning-by-doing” nature-based activities for youth aged 13-18, documented in our open-access *School Guide for Extracurricular Nature-Related Activities*, produced in collaboration with the Lebanese Ministry of Education and Higher Education. AUB-NCC’s goal is to nurture youth to become passionate eco-citizens; by improving their ecological knowledge, and gaining work experience while serving their communities.

Community-based Tourism

AUB-NCC conducts research and outreach activities to widen economic opportunities in towns in partnership with the Lebanese Ministry of Tourism by leveraging local natural and cultural assets and developing community driven activities related to hiking, biking, wild plant collection, agricultural field visits, reforestation, local traditional dining, and others.

Eco-Entrepreneurship

In keeping with its mission of promoting the conservation of biodiversity and sustainable use of nature, AUB-NCC fosters award programs to encourage and reward eco-friendly initiatives.

The annual International Biodiversity Day at AUB (IBDAA) poster forum aims at increasing awareness of biodiversity issues whilst encouraging innovative thinking. Participants walk away having conducted innovative research, accumulated representation and presentation skills, and acquired a greener way of thinking.

The Samir & Claude Abillama Eco-Entrepreneurship Award aims to raise awareness on biodiversity issues while promoting the green entrepreneurial model. It also provides a financial boost to the winning team in order to encourage the development of a startup with green objectives.

Academic Program

As part of its mission, AUB-NCC seeks to provide an outlet for knowledge dissemination and research in rising eco-friendly fields. In this context, the center has put together its first interdisciplinary program, tackling the topic of integrative health in the frame of a Master’s degree.

The Integrative Health Masters’ program caters to candidates from different backgrounds. It aims to elucidate policies, evidence-based research, and clinical applications of Integrative Health. Moreover, NCC will be among the first in the region to take initiative in the development of this thriving field.

Institute of Financial Economics (IFE)

In tandem with the ongoing process of globalization, there has been a growing emphasis on the fields of financial, monetary, and international economics. A major objective of the Institute of Financial Economics (IFE) is to promote research and other academic activities in these fields, as well as in broad developmental issues in the Middle East Region. In recent years the institute's research scope has been widened to include questions of political economy of relevance to developing countries, aiming to become a major research center focusing particular attention on the concerns of Arab and other developing economies. The IFE encourages collaborative work with appropriate national, regional, and international organizations and research centers.

Goals of the Institute

The principal goals of the IFE are:

- To conduct, organize, and sponsor high-level research related in particular (but not exclusively) to financial, monetary, international economics, as well as political economy. Emphasis will be placed on policy-oriented empirical work pertaining to Arab and other developing regions, and collaborative team work will be promoted. Such research will prove beneficial to governments and organizations concerned with the design of economic and financial policies, especially in the Middle East region.
- To hold seminars, workshops, and lectures on various topics related to the above areas. The first two types of activities will, among other things, bring together academicians, financial experts, and policy makers to analyze issues of relevance at the policy level.
- To promote collaborative research projects with outside institutions and scholars in financial and monetary fields, among others.

Working Paper Series

In 2003 the IFE initiated a Guest Lecture and Working Paper Series. The lectures are given by invited scholars and experts. The working papers incorporate preliminary



IBDAA
2015

findings of ongoing research being undertaken at the institute and elsewhere. To view the Working Papers please visit: www.aub.edu.lb/fas/ife/pages/index.aspx

Major Research Projects

During 2007–15, among others, two major research projects were initiated at the institute with support from the International Development Research Center (Ottawa, Canada). The first on “Explaining the Democracy Deficit in the Arab World” was completed in 2010; the outcome is a book published by Routledge in 2011 under the title: *Democracy in the Arab World: Explaining the Deficit*, edited by I. Elbadawi and S. Makdisi. The project involved 19 established researchers from various academic institutions in Lebanon and abroad working on cross country econometric models, supplemented by Arab case studies.

The second project, a sequel to the first, was initiated in September 2010. It focuses on the underlying reasons for the longevity of authoritarian regimes in the Arab world and attempts to identify the underlying factors that led to the recent Arab uprising, the conditions that will govern the transition from autocracy to democracy in the Arab countries and the nature of this transition. Managed by Samir Makdisi and Ibrahim Elbadawi, the project involves a number of scholars from AUB, the Arab countries and abroad. The outcome of this research project is a book manuscript to be published by Cambridge University Press in 2016 under the title: *Democratic Transitions in the Arab World*.

The IFE plans to launch several new collaborative projects in the Spring 2016 semester (managed by S. Makdisi and S. Neaime): (1) *Lebanon’s Consociational Democracy: Politico-economic Developmental Implications*; (2) *The Developmental Implications of Consociational Democracy – A Comparative Analysis*; (3) *Sustainability of Budget Deficits and Public Debts in Selected European Union’s Countries: An Overlapping Generation Approach*; and (4) *Financial Exclusion and Stability in MENA: Evidence from Poverty and Inequality*. A fifth project (managed by M. Monetero) will investigate the relationship between output and employment in Lebanon for the post-civil war period.



The Issam Fares Institute for Public Policy and International Affairs (IFI)

AUB's Issam Fares Institute for Public Policy and International Affairs is an independent, research-based, policy-oriented institute. Inaugurated in 2006, the institute aims to harness, develop, and initiate policy-relevant research in the Arab region. The institute is committed to expanding and deepening knowledge production in and about the Arab region; and to creating a space for the interdisciplinary exchange of ideas among researchers, civil society actors and policy-makers.

Goals and Objectives

- Enhancing and broadening public policy-related debate and knowledge production in the Arab world and beyond
- Achieving a better understanding of the Arab world within shifting international and global contexts
- Providing a space to enrich the quality of interaction among scholars, officials and civil society actors in and about the Arab world
- Disseminating knowledge that is accessible to policy-makers, media, research communities and the general public

Research Programs

Climate Change and Environment Program in the Arab World

The Climate Change and Environment Program aims to initiate, develop and harness research, from both applied and social sciences fields, to define the most appropriate policy recommendations on issues related to climate change and environment in Lebanon and the Arab world. The program further aspires to activate the link between research and policy-making with the objective of improving policy development and the production of scientific discourse in response to policy needs. The program also intends to influence national and regional debates in international negotiations on climate change and sustainable development.

Education and Youth Policy

The Education and Youth Policy Research Program aims at informing educational policy and promoting improved educational practices and achievements through an increased understanding of the issues of education in the Arab world and their impact on children and youth in the region. The program further aims at engaging in applied, policy-relevant research to help policy-makers make decisions based on best available information. The program will serve as a resource for government agencies and other institutions in order to shape the education and youth policy debate through evidence.

Human Rights in the Arab World

This program seeks to advance the state of knowledge about human rights in the Arab world. Mapping and analyzing this history is one important objective of this project. However, the primary objective is to investigate and analyze how the practices and discourses related to human rights have been affected by contemporary political upheavals over the last four years as countries across the region have witnessed pro-democracy uprisings. One overarching goal is to understand if and how these developments have altered and/or complicated demands for human rights and affected the work of activists and organizations.



International Affairs

The International Affairs (IA) Program studies general trends of world politics from the perspective of their influence on Arab realities. More specifically, it examines the impact of policies designed and pursued by major international actors, states and international organizations, on policies in Arab countries. The program focuses on the analysis of foreign policies in Arab countries as they are shaped by regional and national developments. It seeks to contribute towards informing the making of foreign policy drawing on research-based activities, contacts with the diplomatic community and other exchanges with actors concerned.

The Non-state Actors Program

The increased role of non-state actors is a major recent phenomenon attributed to the advancement in communication as well as to the social, political and economic transformations. This program looks at a wide spectrum of non-state actors and their role in policy-making. We study how civil society actors organize themselves into advocacy coalitions and how policy networks are formed to influence policy processes and outcomes. We also look at policy research institutes and their contribution to the translation of knowledge to policies. The media's expanding role, which some claim to be a major player in catalyzing protests and revolutions in the Arab world, will also be explored.

The Palestinian Oral History Archive

The Palestinian Oral History Archive is an archival collection that contains more than 1,000 hours of testimonies with first generation Palestinians and other Palestinian communities in Lebanon. The project will digitize, index, catalog, preserve, and provide access to the material through the creation of a state-of-the-art digital platform. It aims to expand and include additional oral

history collections documenting varied aspects of the Palestinian experience in Lebanon and the region. The project is being completed in partnership with the AUB Libraries, the Nakba Archive and the Arab Resource Center for Popular Arts (AL-JANA).

Public Policy Impact Lab

The Public Policy Impact Lab was launched in Fall 2015 with the aim to enhance the Institute's impact on policy decisions in Lebanon and beyond.

The Lab will build synergies among the Institute's inter-disciplinary research programs and will innovatively translate the evidence we produce into policy circles. It will effectively engage with policy-makers and policy actors. The Lab will nurture the "Consumer-Citizen Lab" as an experimental and innovative initiative for formulating and testing Consumer-Citizen policies.

Refugee Research and Policy

Lebanon and the Arab region are facing one of the largest refugee crises that have spawned serious public policy challenges. Given this context, the Refugee Research and Policy in the Arab World Program seeks to harness refugee-related, policy-oriented research that addresses an existing knowledge gap, enrich the quality of refugee-related debate among scholars, officials, international organizations and civil society actors, and subsequently inform decision- and policy-makers in the Middle East and beyond.

Social Justice and Development Policy

In collaboration with the Bobst Center for Peace and Justice at Princeton University, the Social Justice and Development Policy in the Arab World Program tries to further understand through research the many different meanings of the phrase "Social Justice" and its social and economic policy implications. The program looks at social justice in the realm of urbanism, labor unions, social policies, and protest movements. Each component has a dedicated project that aims at establishing a partnership, through research, between scholars, policy-makers, and activists in Lebanon (and beyond).

United Nations in the Arab World

The United Nations in the Arab World Program was created with the objective of exploring and analyzing the role of the UN in the Arab region and the impact it has had on regional politics and societies. The aim of the program is to collect, support and generate research relevant to the UN's multiple roles in the Arab region. In addition, the program aims to bring together scholars and decision- makers to discuss salient issues, to be able to develop a rich academic environment in the Arab world, and to inform public policy decisions.

Specialized Programs

Nadim Makdisi Memorial Fund

AUB's Issam Fares Institute for Public Policy and International Affairs received a generous endowment from the Makdisi family to honor the memory of Nadim A. Makdisi, one of Lebanon's accomplished journalists and publishers. In addition to hosting an annual lecture by a prominent journalist focusing on current affairs in the Arab world, the institute is honored to provide the Nadim Makdisi Memorial Fund (NMMF) to support graduate students with a research grant for their thesis or any research project within their graduate studies within the field of social sciences.

Science and Mathematics Education Center (SMEC)

The overall mission of the Science and Mathematics Education Center (SMEC) is to improve the quality of science and mathematics education in Lebanon and the region. More specifically, SMEC's mission has four components:

- to conduct and support quality research on the teaching and learning of science and mathematics at the preschool, elementary, and secondary levels;
- to contribute to the development of quality science and mathematics teaching and research professionals;
- to design and provide ongoing professional development for science and mathematics teachers in Lebanon and abroad; and
- to exert a positive influence on the quality and status of school science and mathematics education locally, regionally, and internationally.

SMEC currently accomplishes its mission in various ways. SMEC faculty engage in research on various aspects of science and mathematics teaching and learning. They design and teach undergraduate, graduate and teaching diploma courses in science and mathematics education. Many of these courses contribute to pre-service teacher training. In addition, the member faculty conduct in-service professional development workshops and extended institutes to introduce science and mathematics teachers to innovative teaching practices and materials reflecting internationally recognized, research-based best practices. They also provide outreach consultation in science and mathematics education for schools, institutions, and governments regarding curriculum design, the design of instructional materials and environments, methods of evaluation, and professional development of teachers. SMEC maintains an up-to-date science and mathematics curriculum library for use by pre-service and in-service teaching professionals. SMEC has also engaged in community building, organizing an annual "Science and Mathematics Educators Conference." Finally, in its annual Science, Mathematics and Technology Fair, hundreds of K-12 students prepare and present projects and compete for awards in a variety of categories. The fair encourages students to engage with topics in science, mathematics and technology in an independent, active and critical way.



AUB Job
Fair 2015

AUB—Tobacco Control Research Group (AUB-TCRG)

The AUB-TCRG was established in 1999 through a grant from the International Development Research Center-Research for International Tobacco Control (IDRC-RITC). AUB-TCRG is a multidisciplinary team of professionals, with specializations in medicine, nursing, epidemiology, biostatistics, health promotion, health policy, health management, economics, chemistry, and engineering. The group received grants over the years from IDRC-RITC, NIH, QNRF, and other funders to describe the epidemiology related to waterpipe use among youth, investigate the components of waterpipe smoke, assess the long term health impact of use, understand the acceptability of use among women in the region, compare parent and child dyads attitudes towards use, identify biomarkers of use, understand attitudes of youth and adults to a variety of potential legislations for tobacco control, and describe and evaluate the policy environment surrounding tobacco control in Lebanon. Researchers from the AUB-TCRG have pioneered the science of testing toxicant yields in waterpipe smoke chemistry using a specially devised smoking machine.

The research focused on the waterpipe as a type of tobacco consumption and this provided a niche of expertise. The impact of this expertise was evident through the publication of an IDRC monograph on results of the epidemiologic research, significant contribution of the research to the WHO advisory note against waterpipe smoking published in 2005 and 2015, active participation of members of the group in WHO FCTC Conference of Parties meetings, and the appointment of a member of the group as the Chairman of the Study Group on Tobacco Product Regulation (TobReg) of the WHO Tobacco Free Initiative. To date the group with other US, Arab, and international partners organized two international conferences on waterpipe tobacco smoking to review the evidence and recommend actions to curb the waterpipe tobacco pandemic. The conferences were attended by leading scientists, policy makers, academics, and public health advocates from countries across the globe.

The group leads international efforts on dissemination and translation of research to policy as well as regional networking with researchers involved in tobacco control and more specifically waterpipe tobacco use. At a regional level, AUBTCRG has a very good working relationship with researchers in the region who are involved in conducting tobacco control research, particularly regarding the waterpipe. The interdisciplinary nature of the network members enriches discussions and promotes joint future research projects.

AUB TCRG has been an active tobacco control advocate at a national level. An intensified campaign that started in 2009 in partnership with civil society has contributed toward strengthening the tobacco control policy framework in Lebanon. In recognition of the groups contribution towards the adoption and passage of the Tobacco Control Law 174 in Lebanon and the ongoing advocacy on this issue, the coordinator of the AUB-TCRG was awarded in June 2013, the World Health Organization (WHO) “World No Tobacco Day 2013”



Memorandum of Understanding with WHO makes AUB Global Knowledge Hub on WaterPipe Consumption

award that is given yearly to individuals or organizations in each of the six WHO Regions for their accomplishments in the area of tobacco control.

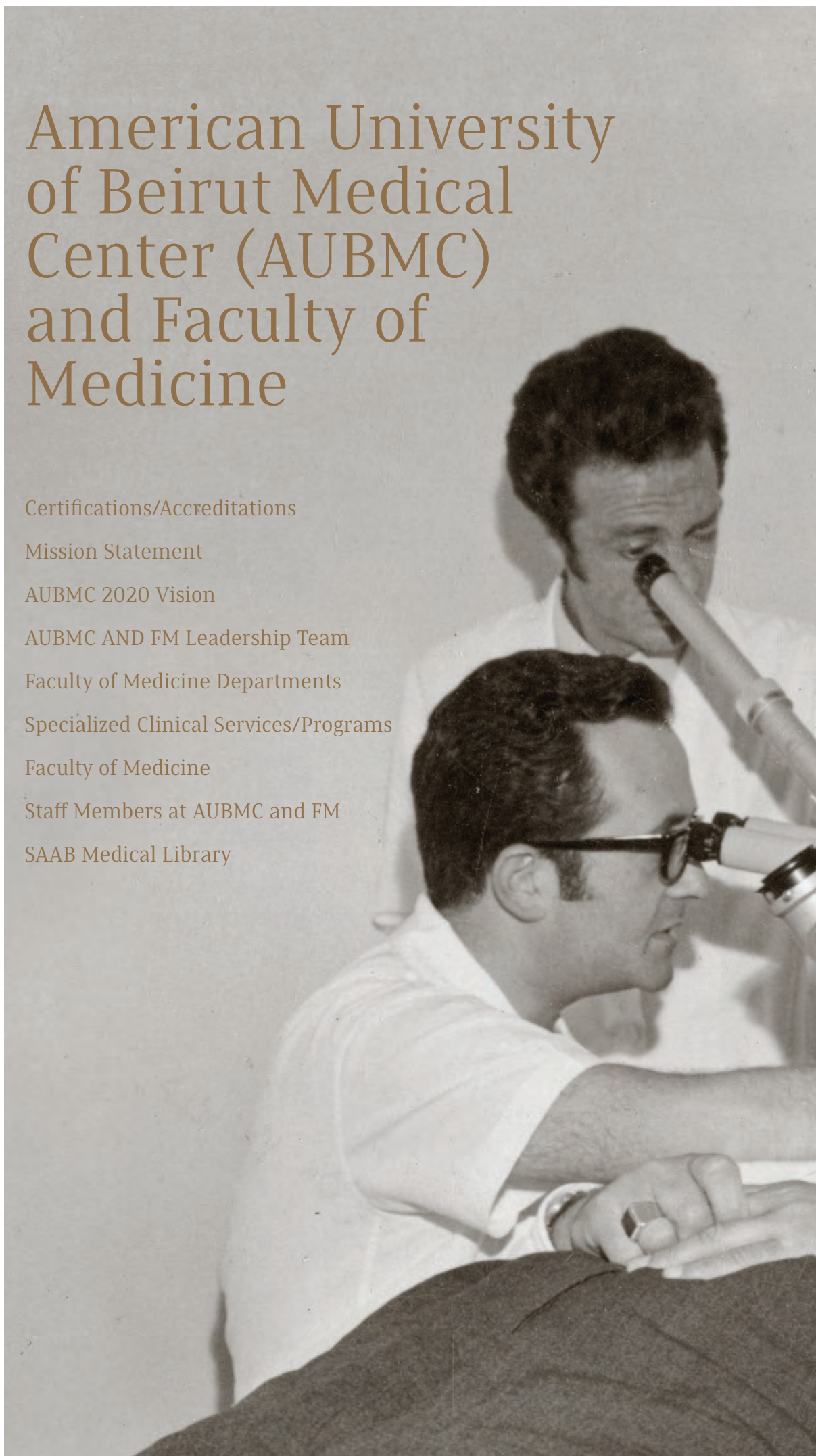
The group was recently designated as a Global Knowledge Hub for waterpipe tobacco smoking. On January 2016, the American University of Beirut signed a Memorandum of Understanding with the Convention Secretariat of the WHO Framework Convention on Tobacco Control. The hub's objective is to function as a knowledge exchange center in particular with respect to education, research, and dissemination of information that contribute to the implementation of the Convention as well as to develop, analyze, synthesize and disseminate to the parties of the Convention knowledge and information relating to waterpipe smoking based on AUB's expertise and knowledge in this field. The Knowledge Hub will also contribute to promoting FCTC-related communications in the Middle East region and globally on the relevant technical matters and/or beyond, aligned with the overall communication efforts of the Convention Secretariat.

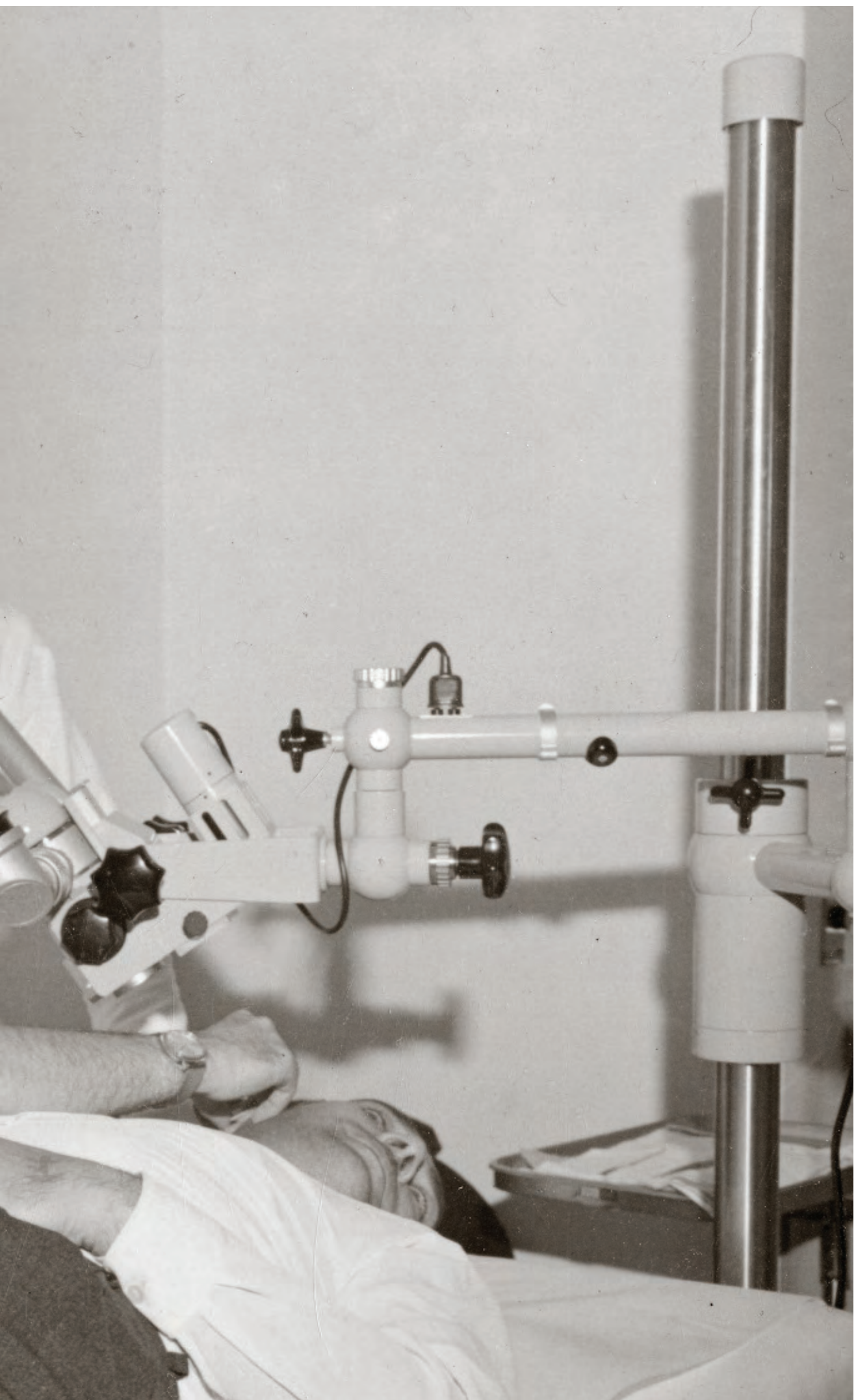
For more information, please contact Rima Nakkash DrPH-Coordinator of the AUB-Tobacco Control Research Group-Assistant Professor, Health Promotion and Community Health Department, Faculty of Health Sciences, American University of Beirut
Email: rima.nakkash@aub.edu.lb

American University of Beirut Medical Center (AUBMC) and Faculty of Medicine

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Dr. Elias Shammas
(standing)
performing ear
exam with a
fellow doctor,
1974







Since 1902, the American University of Beirut Medical Center (AUBMC) has been providing the highest standards of care to patients across Lebanon and the region. It is also the teaching hospital for the Faculty of Medicine (FM) at AUB. Established in 1867, the Faculty of Medicine has trained generations of medical students and physicians, and its graduates can be found at leading institutions around the world.

AUBMC is the first medical institution in the Middle East to have earned four international accreditations of Joint Commission International (JCI), Magnet, College of American Pathologists (CAP) and ACGME-I attesting to its superior standards in patient-centered care, nursing, pathology/ laboratory services and graduate medical education. AUBMC's impact on the medical sector and on improving people's lives is without equal in the Arab world. In 2009, AUB secured dynamic new leadership for AUBMC with the appointment of Dr. Mohamed H. Sayegh, Executive Vice President for Medicine and Global Strategy and Raja N. Khuri Dean of the Faculty of Medicine at AUB and Senior Lecturer at Harvard Medical School, and was an Endowed Professor of Medicine and Pediatrics and Director of the Transplantation Research Center at Harvard Medical School. Shortly after his arrival, Dean Sayegh announced an ambitious new vision known as the AUBMC 2020 Vision, which would propel the Medical Center and medical care in the region to new levels of excellence. Through academically driven innovations in clinical care, education, and research, AUBMC 2020 will ensure that the needs of patients, researchers and healthcare professionals in the region are met with the same levels of excellence that AUB has been providing for 150 years.

AUBMC is considered the main tertiary/quaternary referral medical center in Lebanon and the region. AUBMC operates 342 beds, serving 36,595 inpatients annually. The outpatient facilities receive 350,009 outpatient visits annually (270,166 private, 28,563 outpatient department, and 51,280 emergencies). AUBMC seeks to provide the highest standards of patient-centered care, quality and safety, partnered with service excellence.

Certifications/ Accreditations

- Certification by the Lebanese Ministry of Public Health
- Joint Commission International (JCI)—AUBMC was the 1st medical center in Lebanon to receive JCI accreditation
- Magnet® designation—AUBMC was the 1st medical center in the Middle East to receive this honor and the 2nd outside of the US to receive Magnet designation twice.
- College of American Pathologists (CAP)—AUBMC's Department of Pathology and Laboratory Medicine was the 1st in Lebanon to gain CAP accreditation
- ACGME-I—AUBMC was the 1st medical center in Lebanon to receive ACGME-I accreditation.
- European Group for Blood and Marrow Transplantation—AUBMC's Bone Marrow Transplant Unit was the 1st in Lebanon to acquire this accreditation.

Mission Statement

The American University of Beirut Medical Center (AUBMC) is an academic medical center dedicated to the passionate pursuit of improving the health of the community in Lebanon and the region through the delivery of exceptional and comprehensive quality care to our patients, excellence in education and training, and leadership in innovative research.



AUBMC doctors conduct first virtually-augmented surgery in the region and third outside the US

AUBMC 2020 Vision

The vision of AUBMC is to be the leading academic medical center in Lebanon and the region by delivering excellence in patient-centered care, outstanding education and innovative research. The main paths that have been identified as to guide AUBMC to achieve its ambitious 2020 vision are:

- Providing patients with the highest standards of patient-centered care
- Recruitment of top-caliber, highly specialized, and accomplished faculty
- Academic innovation through the creation of clinical and research centers of excellence, and the provision of outstanding medical education



- Establishment of strategic partnerships and collaborations locally, regionally, and internationally
- Investing in and expanding our facilities to meet the needs of the people of Lebanon and the region
- Supporting the health of local and regional patients in need by ensuring their access to care

Behind each of the paths are clearly defined goals and key implementation items that, once accomplished, will allow AUBMC to realize its 2020 Vision. Below is a summary of the progress that has been made to date along these paths.



Path 1: Providing patients with the highest standards of patient-centered care

A main pillar of our AUBMC 2020 Vision is to provide patients with the highest standards of patient-centered care, quality and safety, partnered with service excellence. In order to do so, it is critical that we understand and listen to our patients, devise solutions to meet their needs in a proactive and timely manner, reassure them that patients are at the heart of everything we do, and provide them with the relevant information they need. In brief, a patient-centered, multi-disciplinary approach to care was adopted.

AUBMC Core Values

AUBMC has rolled out a new set of core values as part of the AUBMC 2020 Vision. These values can be found all around the Medical Center so that patients, visitors and staff alike know what our commitment to them is. AUBMC core values are the following:

- Respect
- Integrity
- Teamwork and Collaboration
- Accountability
- Stewardship
- Diversity

Path 2: Recruitment of top-caliber, highly specialized and accomplished faculty

134 faculty recruited since summer 2009:

- Unprecedented recruitment
- “Reverse Brain Drain”
- Top researchers, clinicians and educators Across multiple disciplines
- Highly specialized skills

Specialized skills include, but are not limited to:

- A-Fib Ablation
- Endoscopic Ultrasound
- Laparoscopic Gynecology
- Geriatrics
- Unrelated Allogeneic Bone Marrow Transplant
- Neuro-immunology
- Cardiac Electrophysiology
- Maternal-Fetal Medicine
- Neuromodulation

The impact of new recruits includes:

- Attracting additional research and grants
- Increased patient access
- Increased volume leading to sustainable revenue growth
- Increased research output and publications in high impact journals
- Introduction of unique subspecialties/services to AUBMC
- Improved teaching and training
- Introduction of MD/PhD programs

Path 3: Academic innovation through the creation of clinical and research centers of excellence and the provision of outstanding medical education

In light of regional demand for outstanding medical services, AUBMC continues to progress towards becoming a regional hub for clinical practice and research through the establishment of centers of excellence and specialized clinical services aligned with the needs of the community and the region.



New Medical Center Administration building

Clinical Centers of Excellence

- Abu-Haidar Neuroscience Institute: A center of excellence dedicated to clinical and basic neurosciences.
- AUBMC Multiple Sclerosis Center: The AUBMC Multiple Sclerosis (MS) Center, the first of its kind in Lebanon and the region, offers state-of-the-art resources to provide the most advanced specialized care, supported by an extensive program of research and education, in order to improve the lives of patients with MS.
- Children's Cancer Center of Lebanon (CCCL): Affiliated with St. Jude Children's Research Hospital, The CCCL serves as a referral center for Lebanon and the region for pediatric cancer.
- Heart and Vascular Center of Excellence: AUBMC will also be opening a Heart and Vascular Center of Excellence in the near future. Cardiovascular disease and stroke are rapidly growing health issues in the Eastern Mediterranean, and the prevalence of diabetes and hypertension in the Arab Middle East is among the highest in the world. A heart and vascular center that addresses these issues is essential to reducing the burden of the disease in Lebanon and the region.
- Naef K. Basile Cancer Institute: A center of excellence dedicated to the treatment and research of adult cancers, the Naef K. Basile Cancer Institute is a new state-of-the-art facility joining all relevant specialties under one roof.

Research Centers of Excellence

AUB's Faculty of Medicine and Medical Center aim to serve as the regional hub for research initiatives by addressing the research needs of the region, improving research standards especially for human subject research, and increasing partnerships and research collaborations between institutions as well as within AUB. Research Centers of Excellence are also being established to take basic and clinical research at AUB to international standards. The goal is to establish five basic and translational centers of excellence:

- Cancer Biology
- Cardiovascular Sciences
- Genetics
- Neurosciences
- Stem Cells

Path 4: Establishment of strategic partnerships and collaborations locally, regionally and internationally

In order to be the leading medical institution in Lebanon and the region, AUBMC will have to be the institution of choice for partnership and collaboration in the region. AUBMC's ability to assist in capacity building locally and regionally is unmatched by any other institution in the Middle East. AUBMC is the only institution in the region that brings the highest standards of clinical care, education and research found in North American institutions with an understanding of the regional culture, language, and environment. The External Medical Affairs and Clinical Affairs offices have been instrumental in implementing this goal.

Goals of Strategic Partnerships

- Choose the right institutions for partnerships
- Assist with capacity building
- Improve access to more patients
- Improve the quality of healthcare in Lebanon and the region
- Foster clinical exchange and collaboration
- Improve training opportunities
- Support mission of AUB and AUBMC

Current local partnerships include

- Clemenceau Medical Center
- Fouad Khoury Hospital and Associates
- Keserwan Medical Center
- Mount Lebanon Hospital, Gharios Medical Center S.A.L.
- Najjar Hospital
- Rafic Hariri University Hospital
- Tripoli Governmental Hospital

Current regional partnerships include

- Damascus Cardiovascular Center
- United Nations Relief and Works Agency
- MCTH - Iraq

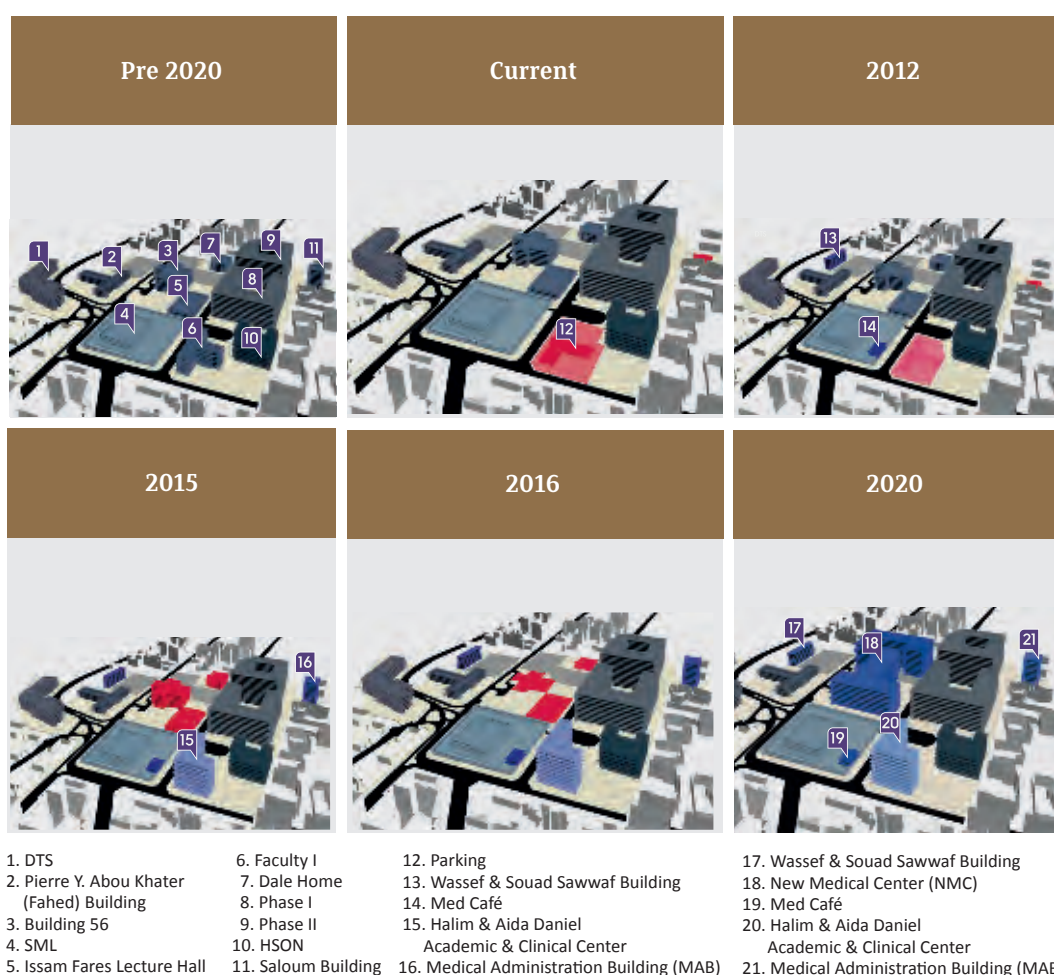
Over the past three years, these partnerships have offered AUBMC the opportunity to cater to its patients at various sites, to care for new patients at these hospitals as well as to share complementary diagnostic services and equipment. Furthermore, these partnerships allow AUBMC to cater to patient populations that have limited access to AUBMC and are important for our training programs. To date, thousands of admissions have been made to these partnering hospitals.

The agreement with Keserwan Medical Center (KMC) is unique since the center will be a major academic affiliate of AUBMC in the North. Thanks to its location, it will allow AUBMC to cater to a different segment of the Lebanese population that may have difficulty reaching AUBMC in Ras Beirut.

Path 5: Investing in and expanding our facilities to meet the needs of the people of Lebanon and the region

A major initiative of the AUBMC 2020 Vision is the creation and implementation of the AUBMC 2020 Medical Complex. This includes a major expansion of the medical center from a 350-bed to a 600-bed capacity institution, the creation of a new medical center, the expansion of existing services, the creation of specialized Centers of Excellence (COEs), two new administrative and academic buildings, and a thorough renovation of the Diana Tamari Sabbagh (DTS) building, which houses the Faculty of Medicine. In order to meet the needs of our students, faculty, and patients, the medical center must grow. The new facilities will be equipped with the most up-to-date technology and equipment.

This transformation of the AUBMC facility will be met with numerous milestones across the coming four years. Here is the progress of the AUBMC 2020 Medical Complex in pictures.



* Demolished
* New Construction Buildings

AUBMC 2020
Medical
Complex

Path 6: Supporting the health of local and regional patients in need by ensuring their access to care.

AUBMC is committed to improving the health of our entire regional community, particularly those that need it most, the ones with the most limited resources and means to do so. That includes patients with limited financial resources, as well as those that have been most affected by the turmoil that has plagued our region over the past several years.

Since the launching of our AUBMC 2020 vision in 2009, extensive effort and progress has been made towards raising funds (directly and with several volunteer groups) to support the treatment of needy patients at AUBMC. With a total of \$9,680,316 raised for major funds in the year 2014-15, AUBMC has been able to treat hundreds of patients and launch over 40 initiatives across several departments, to provide excellent healthcare to the most vulnerable patients at our medical center. Several funds have been established to treat patients using the most advanced facilities, equipped with cutting-edge technology and expertise in various medical disciplines, modalities of treatment and supportive care.

Numerous funds have been established at AUBMC supporting needy patients, education and research activities.

In addition to needy patients and as leaders of healthcare in the region, we are well aware of the issues and turmoil across our region that can impact public health across Lebanon and the Middle East. The political upheaval across the region posed new problems and threats to our community, including the massive refugee crisis, and we at AUBMC are committed to doing our part to provide refugees, displaced and vulnerable, with the medical care they need. The most recent estimates put the number of refugees in Lebanon at approximately one million. Refugee families living in Lebanon are in dire need of support. AUBMC's community service efforts span across all of Lebanon to provide emergency assistance to patients who arrive from the different Arab countries, specifically Syria and Iraq, and reside in different camps. The displaced Needy Patients Fund at AUBMC has mobilized relief efforts through organizing Urgent Care Centers (UCCs) for the treatment of Syrian refugees in Lebanon. In addition to the UCC's, mobile medical services and other aid to refugees have been established and treated approximately 9,000 children and provided primary medical services as well as urgent care to acute cases that can be treated on site.

In the midst of medical crisis in Iraq, AUBMC and through its affiliation with the Iraqi government, has become a major hub for Iraqi patients whose cases lack adequate local avenues for care.

Additional AUBMC community service activities include Palestinian refugee camp visits and free public health screenings.

In addition to providing direct medical care to regional patients, AUBMC has assisted our regional neighbors through education to build the capacity to better care for patients in their countries and territories. AUBMC continuously hosts and funds numerous workshops for Iraqi and Palestinian Healthcare professionals. One such initiative is the healthcare professionals operating in the West Bank. Through the Medical Welfare Trust Fund (MWTF), many successful patient-centered activities have been implemented across the West Bank including numerous health/wellness fairs and organized interactive awareness sessions across different specialties.

AUBMC AND FM Leadership Team

Dr. Mohamed H. Sayegh, Raja N. Khuri, Dean, Faculty of Medicine and Executive Vice President for Medicine and Global Strategy

Dr. Ziyad B. Ghazzal, Deputy VP/Dean and Associate Dean for Clinical Affairs

Dr. Ali Bazarbachi, Associate Dean for Basic Research

Dr. Fadi Bitar, Associate Dean for External Medical Affairs

Dr. Ghassan Hamadeh, Associate Dean for Ambulatory Programs, IT and CME

Dr. Ghazi Zaatari, Associate Dean for Faculty Affairs

Dr. Kamal Badr, Associate Dean for Medical Education

Dr. Samia Khoury, Associate Dean for Translational and Clinical Research

Dr. Adnan Tahir, Medical Center Director and Chief Medical Officer

Dr. Hassan El Solh, Chief of Staff

Dr. Dania Baba, Chief Planning and Transition Officer

Mr. Walid Uthman, Chief Financial Officer

Faculty of Medicine Departments

Anesthesiology

Biochemistry and Molecular Genetics

Anatomy, Cell Biology, and Physiology

Dermatology

Diagnostic Radiology

Emergency Medicine

Experimental Pathology, Microbiology and Immunology

Family Medicine

Internal Medicine

Neurology

Obstetrics and Gynecology

Ophthalmology

Otolaryngology

Pathology and Laboratory Medicine

Pediatrics and Adolescent Medicine

Pharmacology and Toxicology

Psychiatry

Radiation Oncology

Surgery

AUBMC performs the first of its kind operation in robotic surgery



Specialized Clinical Services/Programs

Multiple services were established to meet the needs of our patients. These services target health areas that are prevalent or important to Lebanon and allow AUBMC to lead the delivery of patient care through a focus on a comprehensive and multidisciplinary approach. In addition to the centers of excellence mentioned above, below is a list of some of the specialized clinical services and units available at AUBMC:

AUBMC Special Kids Clinic (ASKC)

Balance Center

Cardiac Rehabilitation Center

Calcium Metabolism and Osteoporosis Program-Bone Density Unit

Center for Skull Base Surgery

Children's Heart Center (supported by the Brave Heart Fund)

Comprehensive Adult and Pediatric Epilepsy Program

Executive Health and Travel Medicine Program

Hamdan Voice Unit

Inherited Metabolic Disease Program (IMDP)

International Patients' Services

Mamdouha El-Sayyed Bobst Breast Unit

Metabolic and Bariatric Surgery Unit

Mikati Foundation Hepatopancreaticobiliary and Liver Transplantation Unit

Preventive Cardiology Clinic

Pulmonary Rehabilitation Program

The Dr. Agnes Varis Healing Program for Substance Use Disorders

Women's Health Center

Wound Care Center

Faculty of Medicine

Assistant Professors	103
Associate Professors	74
Full Professors	107
Faculty Instructors full and part-time	32
Emeritus and Adjunct Faculty	28
Total Faculty	344

Trainees: 349 resident physicians and 64 postdoctoral fellows.

Staff Members at AUBMC and FM

FM	112 non-academic staff, 118 research assistants, and 63 research fellows
AUBMC	2775

SAAB Medical Library

A partner of the AUB health-care team, houses the most reliable and up-to-date resources for medicine/health stressing on those that assist in the practice of evidence-based medicine, and provides professional services to users.

Collections

- 35 databases
- 5000 e-journals
- 4000 e-books
- 20000 Print books

Special Collections

- 2000 Hardcopy Historical Books
- 22 Digitized History of Medicine Collection
- Lebanon Hospital for the Insane annual reports, photos, etc.
- Avicenna's *Book of Canon*, 1593 with translated Table of Content and Index and links to original text.
- Old AUB pharmacy hand-written thesis 1897-1919
- MD Theses 1928-31
- Theses 840 (print and online)
- Tamir Nassar's Histology Instructional Posters, 1930s and 1940s

Lebanese Corner

A repository of Lebanese medical publications (9000 documents), this is a valuable resource to researchers interested in health in Lebanon as it houses mainly grey literature that is not captured anywhere else.

Evidence by Specialty

A collection of the latest EBM documents by subject specialty.

10

Alumni

138

Worldwide Alumni Association of the
American University of Beirut (WAAAUB)

140

International Board of Overseers

141

Middle East Advisory Board



Reunion
Weekend
2014



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- Hisham Jaroudi

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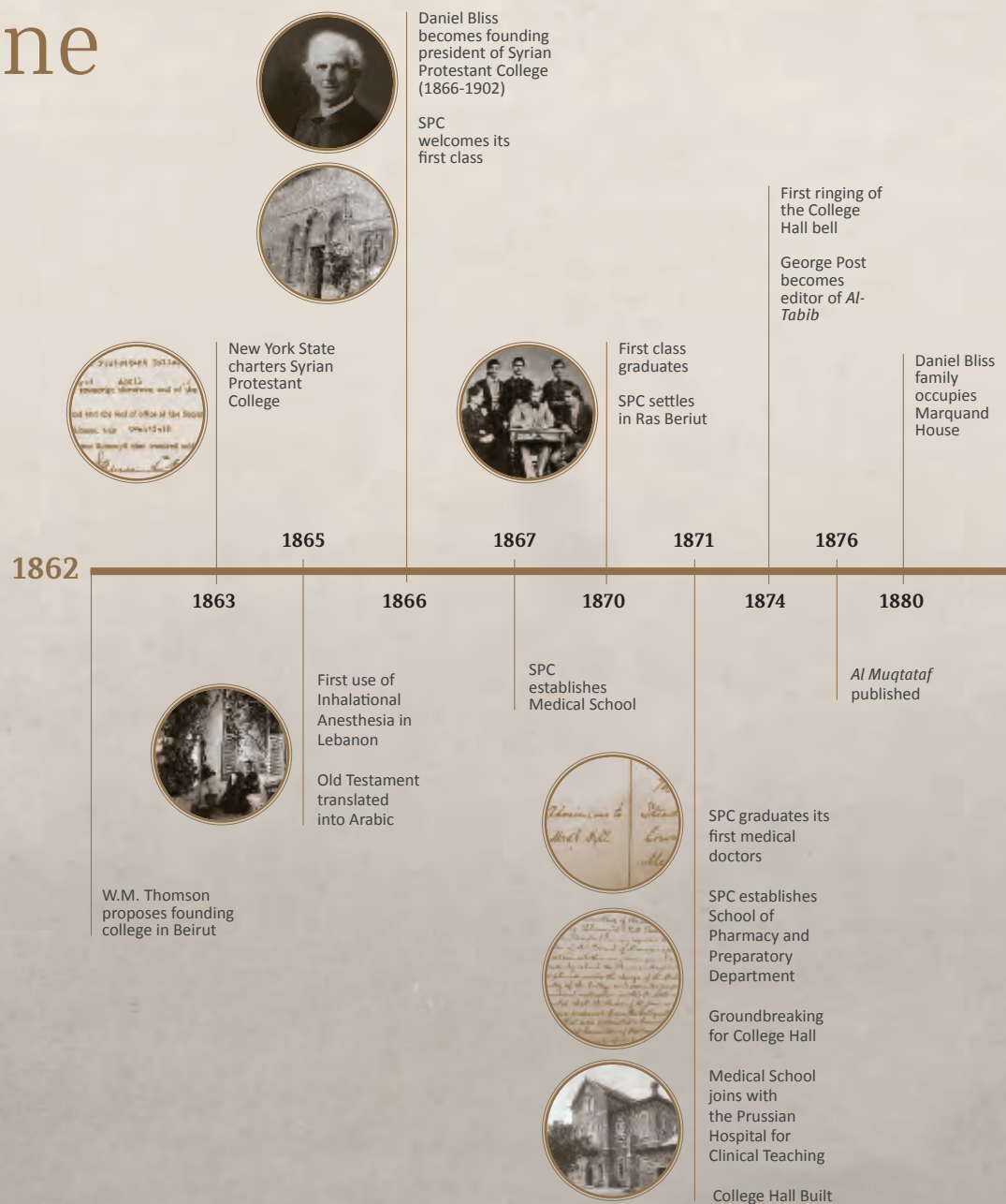
AUB Fact Book 2015-16: Compiled by Monia Hamzeh, Office of Institutional Research and Assessment

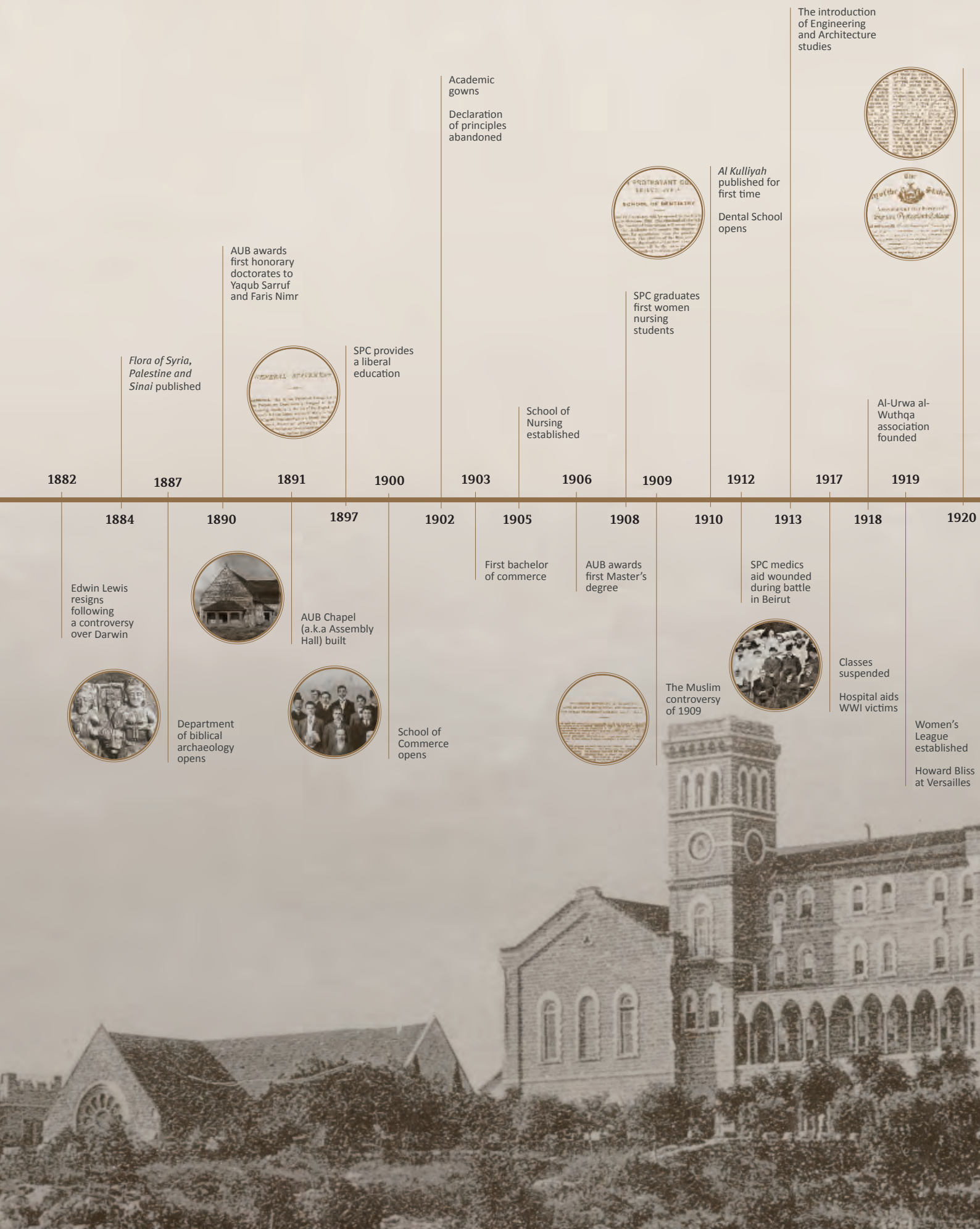


Reunion
Weekend
2014



AUB's 150th Timeline





Equality at SPC

SPC acquires land by the sea

SPC becomes AUB



First woman graduates with regular degree



Mandatory chapel attendance dropped



First woman instructor
Angela Jurdak Khoury



AUB Alumni attend San Francisco conference

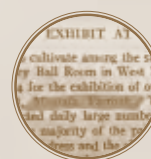


New Constitution

Shah of Persia visits

Campus doubles in size





First BBA awarded

AUB hosts the first Lebanese Solo Art Exhibition for Mustafa Farroukh



Graduating class wears cap and gown for the first time

Sami I. Haddad elected to the American College of Surgeons

AUB's first authorized dance

First women earn bachelor's degree from FAS

School of Nursing starts to offer five year BSN degree

AUB introduces Medical Residency program

1921

1922

1924

1928

1931

1933

1936

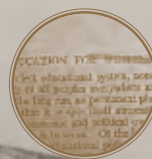
1941

1943

AUB admits female graduate students



May Ziadeh lectures at AUB



AUB becomes coeducational



First women dentistry graduates

Anbara Salam Khalidi lectures without veil

First woman graduates with Midwifery diploma









AUB publishes the archaeological journal *Berytus*

First female recipient of a BBA degree

Edma Abu-Chedid becomes the first woman to earn an AUB medical doctorate

Al-Kulliyah review published

The Village Welfare Service and the Civic Welfare League founded

International College established in Beirut

AUB becomes WWII safe haven



First student council elected



1923

1925

1926

1929

1932

1934

1935

1938

1939

1942

1945

1946



AUB hires first women at professorial rank

Women's Auxiliary established



School of Public Health established

Political protests on Campus



Murex and Jewett halls open

Nehru visits AUB

Medical first renal dialysis, cardio-pulmonary bypass performed

AUB introduces its first doctoral program



Annual football (soccer) game begins

AUB awards first non-medical PhD

Region's first electron microscopy unit starts



FAFS conveys first degree to female student

Biochemistry doctorate program starts



Female student awarded Public Health MS

The Olympic torch passes the Main Gate



Charles Malik helps draft UN's seminal human rights document



Fuad Sabra establishes EEG laboratory



Founding Dean of the School of Engineering C. Ken Weidner



Founding Dean of School of Agriculture Samuel Wheeler Edgecombe



US first lady Eleanor Roosevelt visits

Women admitted as freshmen



Compulsory Chapel service ends

AUB awards MBA to first female

1947

1949

1951

1953

1955

1962

1963

1965

1948

1950

1952

1954

1958

1960

1964

1966



Surgery Residency established

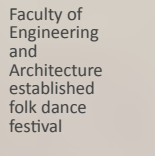


Outlook becomes AUB's official student newspaper



Associate Justice of the US Supreme Court William O. Douglas and Costi Zurayk speak at commencement

AUB appoints Harvey Baty as first Dean of Students



AUB receives scholarship grants from the US government



Agricultural Center established

First woman graduated with BS in Pharmacy

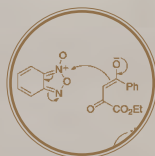


Egyptian writer and intellectual Taha Hussein visits AUB

AUB issues first mission statement

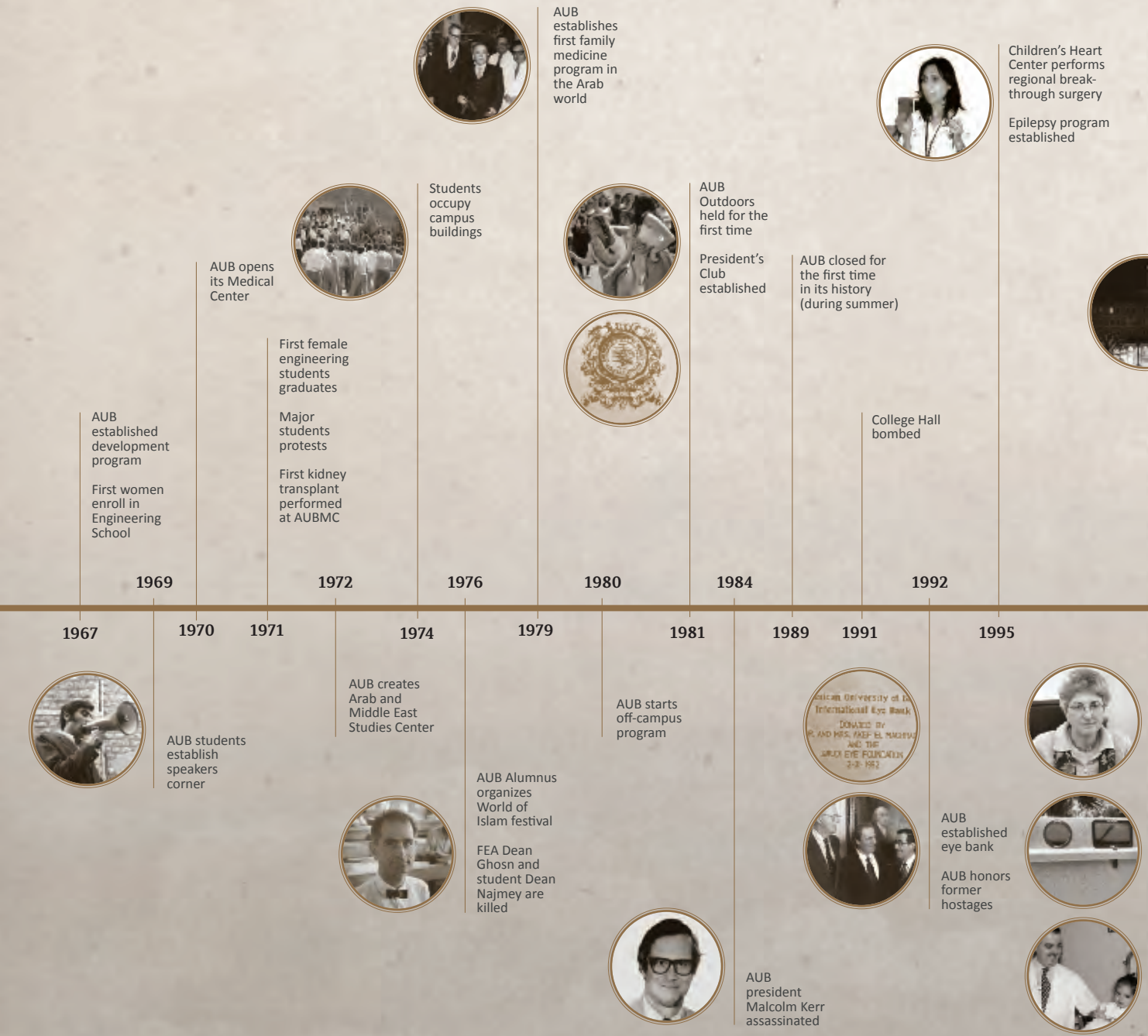
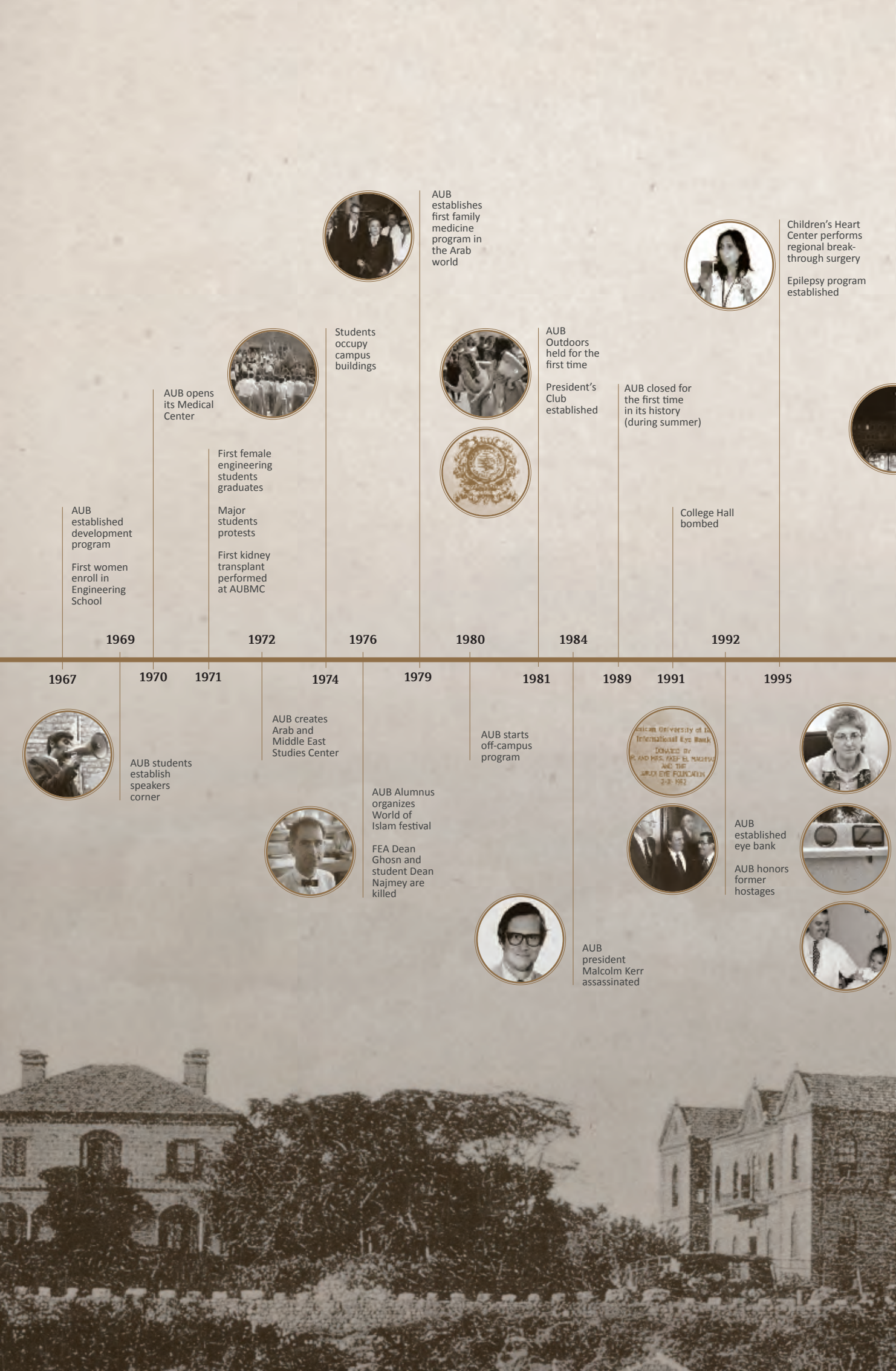
First male student graduates from the School of Nursing

AUB launches masters-level engineering programs



Beirut reaction discovered







American University of Beirut

PO Box 11-0236

Riad El-Solh 1107 2020

Beirut, Lebanon

Tel: +961 1 350 000 or +961 1 374 374, ext. 3130/31

Fax: +961 1 365 019

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