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Table of Contents

Preface / 4

General Information / 5
Mission Statement / 6
History / 6
Presidents of the University / 7
Board of Trustees / 8
Trustees Emeriti / 9
International Advisory Council / 10
Statement of Accreditation Status (SAS) / 10
Organization Chart / 12

Students / 13
Enrollment by Faculty and Percent of Enrollment by Gender / 14
Enrollment by Residency / 15
Graduation and Retention Rates by Faculty / 15
Tuition Fees 2013–14 / 16
Student Financial Aid—University Summary / 20
Student Academic Achievement / 21
First Year Admission Profile by Faculty / 21
Applications, Acceptances, and Enrollments by Faculty and Level / 22
Distribution of International Students by Faculty / 23

Academic Programs and Degrees Awarded / 24
Undergraduate and Graduate Degrees by Faculty, Degree, and Gender / 25
Average Class Size by Faculty and Department / 26
Degrees Awarded by Faculty / 28

Faculty and Staff / 30
Faculty by Gender, Full-time, Part-time, and Highest Degree Held / 31
Summary Analysis of Academic Remuneration for Appointees on Nine-month Contract / 32
Summary Analysis of Non-academic Salaries / 32

Financial Information / 33
Financial and Operating Expenditures 2013–14 / 34

Physical Facilities / 36
Major Campus Buildings / 37
AUB Archaeological Museum / 40
AUB Campus Map / 42
Student Residence Halls / 43

Services / 45
Academic Services / 46
Office of Administrative Services / 56
Community Services / 58

Research Centers and Programs / 64
Advancing Research, Enabling Communities (AREC) / 65
The Anis Makdisi Program (AMPL) / 66
The Arts and Humanities Initiative / 66
The Asfari Institute for Civil Society and Citizenship / 68
Center for Advanced Mathematical Sciences (CAMS) / 69
Center for Arab and Middle Eastern Studies (CAMES) / 70
The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR) / 72
Center for English Language Research and Teaching (CELRT) / 73
Center for Research on Population and Health (CRPH) / 73
AUB—Digital Signal Processing (DSP) and Adaptive Filtering Group / 74
Evidence-based Healthcare Management Unit (EHMU) / 75
Energy Research Group (ERG) / 76
The Environment and Sustainable Development Unit (ESDU) / 78
Farouk K. Jabre Center for Arabic and Islamic Science and Philosophy / 79
Health Education Resource Unit (HERU) / 80
The Munib and Angela Masri Institute of Energy and Natural Resources / 80
AUB—Nature Conservation Center (AUB-NCC) / 82
Institute of Financial Economics (IFE) / 86
The Issam Fares Institute for Public Policy and International Affairs (IFI) / 87
Science and Mathematics Education Center (SMEC) / 89
The American University of Beirut-Tobacco Control Research Group (AUB-TCRG) / 90

American University of Beirut Medical Center (AUBMC) and Faculty of Medicine (FM) / 92
Certifications/Accreditations / 93
Mission Statement / 94
AUBMC 2020 Vision / 94
AUBMC and FM Leadership Team / 98
Faculty of Medicine Departments / 98
Specialized Clinical Services/Programs / 99
Faculty of Medicine Faculty / 99
Staff Members at AUBMC and FM / 100
SAAB Medical Library / 100

Alumni / 100
Worldwide Alumni Association of the American University of Beirut (WAAAUB) / 102
International Board of Overseers / 106

Preface

It is with great pleasure that I present to you the American University of Beirut (AUB) Fact Book 2013-14. I also apologize for the delay in its publication due to some logistic administrative reasons beyond our control. The present on-line PDF edition will be regularly updated and will be soon published in the usual attractive hard copy format.

The AUB Fact Book is a special report published annually by the Office of Institutional Research and Assessment (OIRA). For the past two or three years, the AUB Fact Book has highlighted a theme of importance to AUB for that particular year. For the year 2013-14, we have highlighted what President Peter Dorman has articulated as the compelling future for "AUB in a Global Era," a vision that extends AUB's leadership edge in liberal arts education, the creation of knowledge and societal impact. Accordingly, the Fact Book will be focusing on the newly established centers and institutes that through their future programs of research, networking, and public events will consistently represent the University's values.

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.
A university fact book fulfills several purposes:
- Data Resource: As a data resource, a fact book captures and summarizes most of the important and historical data about the organization and the operation of the university as an academic institution.
- Decision-Making: as a ready reference, a fact book provides base line data and comparative figures required by decision makers.
- Planning: As a planning resource, a fact book provides information about the past and the present situation of a university and helps to identify areas where work is needed to fulfill its mission and achieve its goals.
- Self-Study: A 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.
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)

GENERAL INFORMATION /

MISSION STATEMENT / 6

HISTORY / 6

PRESIDENTS OF THE UNIVERSITY / 7

BOARD OF TRUSTEES / 8

TRUSTEES EMERITI / 9

INTERNATIONAL ADVISORY COUNCIL / 10

STATEMENT OF ACCREDITATION STATUS (SAS) / 10

ORGANIZATION CHART / 12

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.

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, the Syrian Protestant College. 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 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 to the American University of Beirut; other charter amendments expanded the functions of the University.

Presidents of the University

- Daniel Bliss, PhD 1866–02
- Howard S. Bliss 1902–20
- Dean Edward F. Nickoley 1920–23 (acting)
- Bayard Dodge, PhD 1923–48
- Stephen B.L. Penrose, Jr., PhD 1948–54
- Constantine K. Zurayk, PhD 1954–57 (acting)
- J. Paul Leonard, PhD 1957–61
- Norman Burns 1961–65
- Dr. Samuel B. Kirkwood 1965–76
- James Cowan, PhD 1976–77 (interim)
- Harold E. Hoelscher, PhD 1977–81
- David S. Dodge 1981–82 (acting)
- Malcolm H. Kerr, PhD 1981–84
- Samir K. Thabet, PhD 1984 (acting)
- Dr. Calvin H. Plimpton 1984–87
- Dr. Frederic P. Herter 1987–93
- Robert M. Haddad, PhD 1993–96
- David S. Dodge 1996–97
- John Waterbury, PhD 1998–2008
- Peter F. Dorman, PhD 2008–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. Nearly all presidents of the University have lived in residence at Marquand House, which was completed in 1879.

Board of Trustees

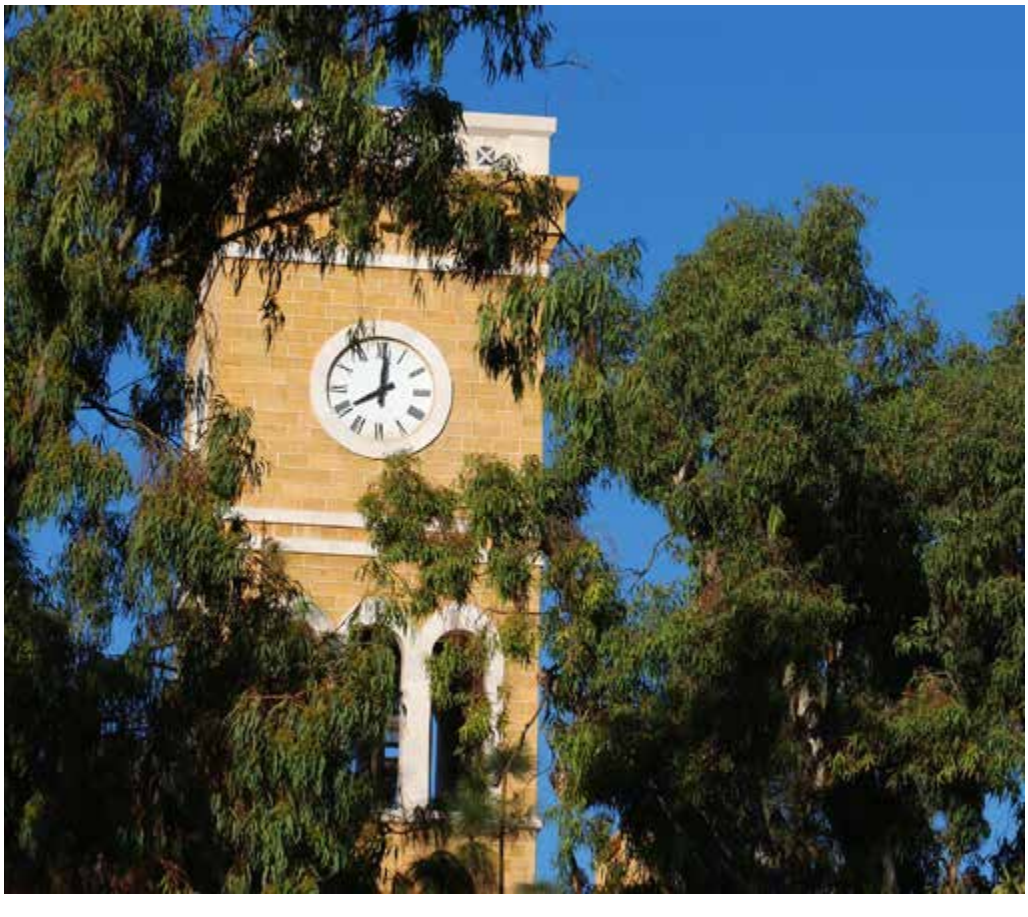
- Philip S. Khoury, Chairman, PhD
- Hutham S. Olayan, Cochairwoman
- Peter F. Dorman, President of the University, PhD
- Dr. David R. Bickers, Vice Chairman for Medicine and Health
- B. Philip Winder, Vice Chairman
- Nemeh Sabbagh, Treasurer
- Eileen F. O'Connor, Secretary of the University
- Abdulla Al-Athani, PhD
- Omar Alfardan
- Ayman Asfari
- Carol Bellamy
- Walid A. Chammah
- W. Ronnie Coffman, PhD
- Dr. Michael F. Collins
- Ibrahim S. Dabdoub
- Dr. Ghaleb Hasan Daouk,
- Said S. Darwazah
- Michael I. Fares
- Fadi Ghandour
- Carlos Ghosn
- Randa El-Sayed Haffar
- HE Saadeddine Rafic Hariri
- Abdulsalam Haykal
- Linda Jacobs, PhD
- Philippe Raymond Jabre
- Dr. Jafar J. Jafar
- Riad B.T. Kamal
- Rima Khalaf-Hunaidi, PhD
- Abdo George Kadifa
- Ayman Kichly
- Dr. Fadlo R. Khuri
- Dr. Jacques P. Merab
- Dr. Nawal Nour
- Maher Mikati
- Marwan Muasher, PhD
- Gabriel M. Rebeiz, PhD
- Sana H. Sabbagh
- Mu'taz Sawwaf
- Maroun Semaan
- Talal Shair
- John E. Sununu
- José A. Zaglul, PhD
- Dr. Huda Y. Zoghbi

Trustees Emeriti

- Abdul Mohsen Al-Qattan
- Robert M. Borden
- Myrna Bustani
- C. William Carson, Jr.
- Paul J. Collins
- Richard A. Debs, PhD, Chairman Emeritus
- Alfred C. DeCrane, Jr.
- HE Salim El-Hoss, PhD
- Alexander T. Ercklentz
- Dr. Alexander S. Geha
- Ali I. Ghandour
- Dr. Frederic P. Herter
- Ray R. Irani, PhD
- Farouk K. Jabre

Martha S. Joukowsky, PhD

- Dr. Herant Katchadourian
- Ann Z. Kerr-Adams
- Nicola N. Khuri, PhD
- Sandy A. Mactaggart
- Dr. Joseph B. Martin
- Munib R. Masri
- Dr. Thomas Q. Morris, Chairman Emeritus
- Ambassador Richard W. Murphy
- HE Leila A. Sharaf
- Dr. Theodore B. VanItallie
- James Wei, ScD
- Frank G. Wisner



International Advisory Council

- Richard A. Debs, Chairman, PhD
- Hassan A. Al-Ebraheem, PhD
- Abdlatif Y. Al-Hamad, PhD
- Sarah B. Al-Turki, PhD
- Sir Michael Atiyah, PhD
- Marjorie C. Benton
- Mamdouha H. Bobst
- William G. Bowen, PhD
- HE Lakhdar Brahimi, PhD
- Jamal H. Daniel
- Carlos Ghosn
- Vartan Gregorian, PhD
- Ambassador Charles W. Hostler, PhD
- Walid Khalidi, PhD
- Samir A. Kreidieh
- Yo-Yo Ma
- John J. Mack
- Zein A. Mayassi
- Dr. Thomas Q. Morris
- Khaled S. Olayan
- David Rockefeller
- Neil L. Rudenstine, PhD
- Walter V. Shipley
- The Hon. Paul A. Volcker
- John Waterbury, PhD
- James D. Wolfensohn

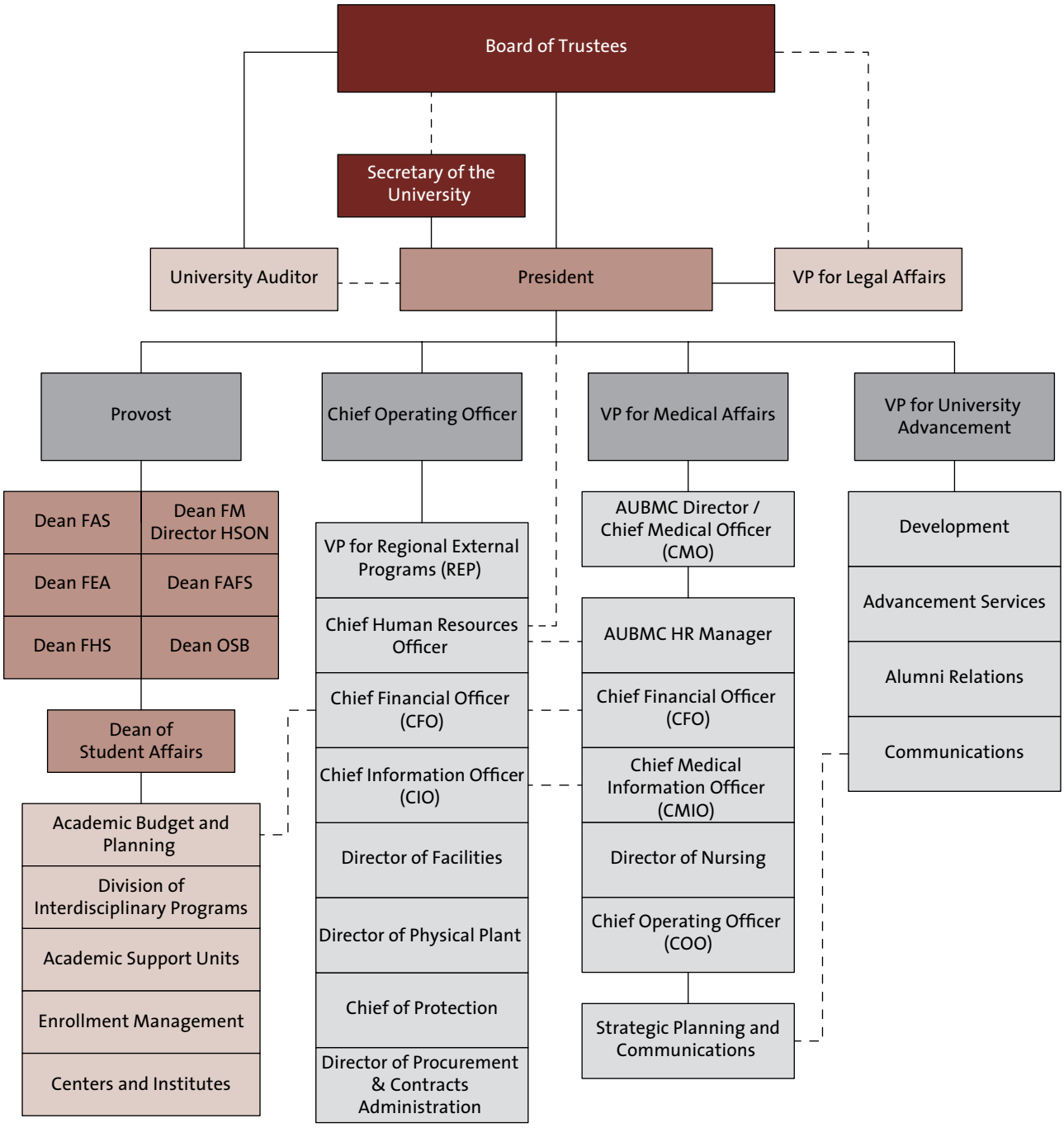
Statement of Accreditation Status (SAS)

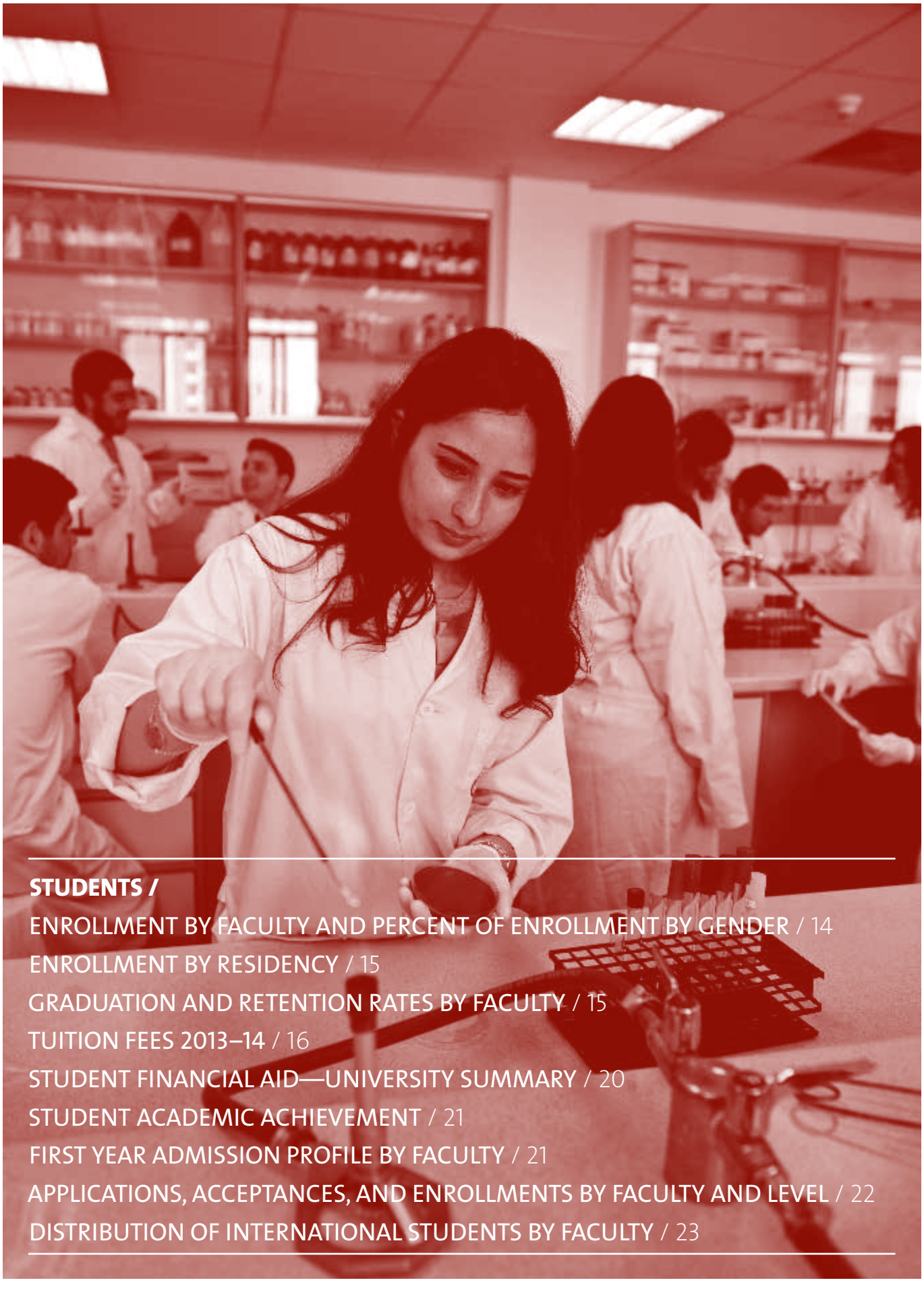
Degrees awarded by the American University of Beirut are officially registered with the Ministry of Higher Education in Lebanon and with the New York State Department of Education in the United States. AUB has been accredited as an institution since 2004 by the Commission on Higher Education of the Middle States Association of Colleges and Schools (3624 Market Street, Philadelphia, PA 19104, Tel. 267-284-5000). The University's accreditation was most recently reaffirmed in June 2009, after the completion of an extensive self-study that was reviewed by educational experts chosen in consultation with Middle States. Over the last several years, a number of AUB faculties, in addition to the Medical Center, have also sought accreditation with more specialized bodies. In September 2006, 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. One year later, the Rafic Hariri School of Nursing became the first nursing school beyond American territories to have its nursing programs accredited by the Commission on Collegiate Nursing Education (CCNE); it was reaccredited for 10 years in 2012 (see www.aacn.nche.edu/ccne-accreditation). In 2008, the AUB Medical Center received official accreditation from Joint Commission International (JCI), the international arm of the US-based Joint Commission on Accreditation of Healthcare Organizations (JCAHO). The Medical Center had previously been accredited by JCAHO from 1965 until 1983; however, the outbreak of civil war in Lebanon subsequently prevented periodic site visits by review teams. The Medical Center is also accredited by the American Nurses Credentialing Center (ANCC) as a provider of continuing nursing education. ANCC's Magnet Recognition Program B granted AUBMC its prestigious Magnet designation in June 2009, making the Medical Center the first healthcare institution in the Middle East and the third in the world outside of the United States to be recognized in this way. Also in 2009,

undergraduate and graduate programs offered by the Suliman S. Olayan School of Business were accredited by the Association to Advance Collegiate Schools of Business (AACSB). In July 2010, four undergraduate programs at the Faculty of Engineering and Architecture were accredited by ABET, Inc. (the Accreditation Board of Engineering and Technology), retroactive to October 1, 2008. In November 2013, the undergraduate Nutrition and Dietetics Coordinated Program (NDCP) at the Faculty of Agricultural and Food Sciences (FAFS) received accreditation from the Accreditation Council for Education in Nutrition and Dietetics (ACEND), which is the accrediting agency of nutrition education programs of the Academy of Nutrition and Dietetics.

The University or its representatives are members of the American Council on Education (ACE), the Council of Graduate Schools (CGS), the Association of American Colleges and Universities (AACU), the Council of Graduate Schools (CGS), the Association of American International Colleges and Universities (AAICU), the Global Liberal Arts Alliance (GLAA), the American Association of Collegiate Registrars and Admissions Officers (AACRAO), the Arab Association of Collegiate Registrars and Admissions Officers (Arab ACRAO), the Association for Institutional Research (AIR), the College Board, the Council on International Educational Exchange (CIEE), the Association of International Educators (NAFSA), Student Affairs Administrators in Higher Education (NASPA), the National Association of College and University Business Officers (NACUBO), the National Association of College and University Attorneys (NACUA), the Council for Higher Education Accreditation (CHEA), the Middle States Commission on Higher Education (MSCHE), the American Society for Quality (ASQ), the American Productivity and Quality Center (APQC), the National Association for College Admission Counseling (NACAC), the Overseas Association for College Admission Counseling (OACAC); the American International Consortium of Academic Libraries (AMICAL), and the European Council of International Schools (ECIS). Members of the AUB administration regularly attend meetings and professional development activities organized by these and other international organizations, as well as associations, syndicates, and other formal groupings located in Lebanon and the region.

Organization Chart





STUDENTS /

ENROLLMENT BY FACULTY AND PERCENT OF ENROLLMENT BY GENDER / 14
ENROLLMENT BY RESIDENCY / 15
GRADUATION AND RETENTION RATES BY FACULTY / 15
TUITION FEES 2013–14 / 16
STUDENT FINANCIAL AID—UNIVERSITY SUMMARY / 20
STUDENT ACADEMIC ACHIEVEMENT / 21
FIRST YEAR ADMISSION PROFILE BY FACULTY / 21
APPLICATIONS, ACCEPTANCES, AND ENROLLMENTS BY FACULTY AND LEVEL / 22
DISTRIBUTION OF INTERNATIONAL STUDENTS BY FACULTY / 23

Enrollment by Faculty and Percent of Enrollment by Gender

Fall 2013–14

Faculty	Enrollment	Female (%)	Male (%)
Undergraduate level			
FAFS	497	75.45	24.55
FAS	2,746	51.13	48.87
FEA	2,115	35.04	64.96
FHS	186	72.04	27.96
HSON	162	80.25	19.75
OSB	970	57.84	42.16
Graduate level			
FAFS	79	79.75	20.25
FAS	392	72.7	27.3
FEA	269	37.55	62.45
FM	53	86.79	13.21
FHS	150	84	16
HSON	62	77.42	22.58
OSB	177	54.24	45.76
Post Graduate level			
FAS	23	78.26	21.74
FEA	62	48.39	51.61
FM	7	85.71	14.29
Professional			
FM	365	45.75	54.25

Enrollment by Residency

	Lebanese	Arab World	Europe	USA	Others
Undergraduate	5,039	738	202	434	250
Graduate	956	90	28	75	25
Professional	299	20	2	24	0
TOTAL	6,294	848	232	533	275

Graduation and Retention Rates by Faculty

Faculty*	Graduation Rate (%)**	Retention Rate (%)***
FAFS	87.57	91.72
FAS	81.21	67.68
FEA	95.48	95.12
FHS	98.14	72.97
HSON	81.48	80
OSB	93.76	90.9
AUB	86.83	89.96

** 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; HSON: 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 in Fall 2013.*

Tuition Fees 2013-14

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			Lebanese Pounds	US Dollars
Faculty of Arts and Sciences				
Freshmen			915,000.00	607.00
Humanities and Social Sciences			889,000.00	590.00
Sciences			942,000.00	625.00
Financial Economics			1,084,000.00	719.00
Faculty of Agricultural and Food Sciences			958,000.00	635.00
Faculty of Engineering and Architecture			1,062,000.00	704.00
Faculty of Health Sciences			989,000.00	656.00
Suliman S. Olayan School of Business			1,028,000.00	682.00
Rafic Hariri School of Nursing			761,000.00	505.00

Graduate Tuition (per credit)

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

Faculty			Lebanese Pounds	US Dollars
Faculty of Arts and Sciences				
Humanities and Social Sciences			1,141,000.00	757.00
Sciences			1,181,000.00	783.00
Financial Economics			1,234,000.00	818.00
Faculty of Agricultural and Food Sciences			1,266,000.00	840.00
Faculty of Engineering and Architecture			1,330,000.00	882.00
Faculty of Medicine			1,266,000.00	840.00
Faculty of Health Sciences			1,255,000.00	832.00
Suliman S. Olayan School of Business			1,291,000.00	856.00
Rafic Hariri School of Nursing			1,044,000.00	692.00

Master's Thesis or Dissertation Fees				
	AUB Students		Non-AUB Students	
Faculty	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
Humanities and Social Sciences	8,215,200.00	5,448.00	8,896,000.00	5,899.00
Sciences	8,597,680.00	5,701.00	9,283,000.00	6,156.00
Agricultural and Food Sciences	9,127,860.00	6,053.00	10,216,000.00	6,775.00
Engineering	9,496,200.00	6,297.00	10,593,000.00	7,025.00
Medical Sciences	9,684,900.00	6,422.00	10,952,000.00	7,126.00
Health Sciences	9,174,050.00	6,084.00	10,226,000.00	6,781.00

PhD Dissertation Fees (per credit)				
Faculty			Lebanese Pounds	US Dollars
Humanities and Social Sciences (per credit)			1,141,000.00	757.00
Sciences (per credit)			1,181,000.00	783.00
Engineering (per credit)			1,330,000.00	882.00
Faculty of Medicine (per credit)			1,266,000.00	840.00

Undergraduate Program Fees		
Program	**Lebanese Pounds**	**US Dollars**
Faculty of Arts and Sciences		
Intensive English program	10,675,000.00	7,079.00
University Preparatory Program	8,239,000.00	5,464.00
Faculty of Engineering and Architecture		
Summer training	1,062,000.00	704.00
Faculty of Medicine		
First and Second Years	47,921,000.00	31,778.00
Third and Fourth Years	46,146,000.00	30,601.00
X-Ray technician training (AUBMC)	1,814,000.00	1,203.00
Faculty of Health Sciences		
Summer Environmental Field Training Program	1,737,000.00	1,152.00
Cross Registration or Auditors (per credit)	582,000.00	386.00

Graduate Program Fees		
Program	**Lebanese Pounds**	**US Dollars**
Faculty of Health Sciences		
MPH Program : Full-time students (per semester)	16,672,000.00	11,055.00
Practicum (per credit)	752,000.00	498.00

Other Information

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

Dorm fees, as established by the Office of Student Affairs:

On campus	Lebanese Pounds	US Dollars	Off campus (Mayfair)	Lebanese Pounds	US Dollars
Double room	2,000,000	1,326	Double room	2,862,000	1,898
Semi-private room	2,470,000	1,638	Private room	5,056,000	3,353
			Double suite	5,418,000	3,593

	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	164.5
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	248,820	165
Technology Fee per student, summer	124,410	82.5

Student Financial Aid—University Summary

	Need-based[1] (Includes non-need-based aid used to meet need) $	Non-need-based[2] (Excludes non-need-based aid used to meet need) $
Scholarships/Grants		
Institutional: Endowed scholarships, annual gifts and tuition funded grants, awarded by the University, excluding athletic aid and tuition waivers (which are reported below).	21,958,459	738,663
Total Scholarships/Grants	21,958,459	738,663
Self-Help		
Student loans from all sources (excluding parent loans)	2,103,704	
State and other (e.g., institutional) work-study/employment (Note: Excludes Federal Work-Study captured above.)	37,380	
Total Self-Help	2,141,084	
Parent Loans	29,000	

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

Spring 2012–13 Registered Students							
Faculty	Freshman	Sophomore	Junior	Senior	4th Year	5th Year	All
FAS	76.99	76.57	78.4	79.3			77.91
FAFS		76.11	79.28	80.75	82.46		78.81
FEA		79.28	79.7	80.45	81.92	83.53	80.28
FHS		77.71	81.11	80.08			79.5
OSB		76.44	78.7	78.97			78.12
HSON		74.83	82.77	82.99			78.24
Average	76.99	77.14	79.12	79.73	81.97	83.53	78.77

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	607	458	1065	549	38.09	82.85
FAS	627	483	1110	575	45.57	83.16
FEA	701	514	1216	629	47.83	95.05
FHS	621	459	1080	604	68.3	95.12
HSON	567	403	970	519	35.4	79.16
OSB	628	479	1107	558	36.17	80.85
AUB	644	487	1131	585	45	86.02

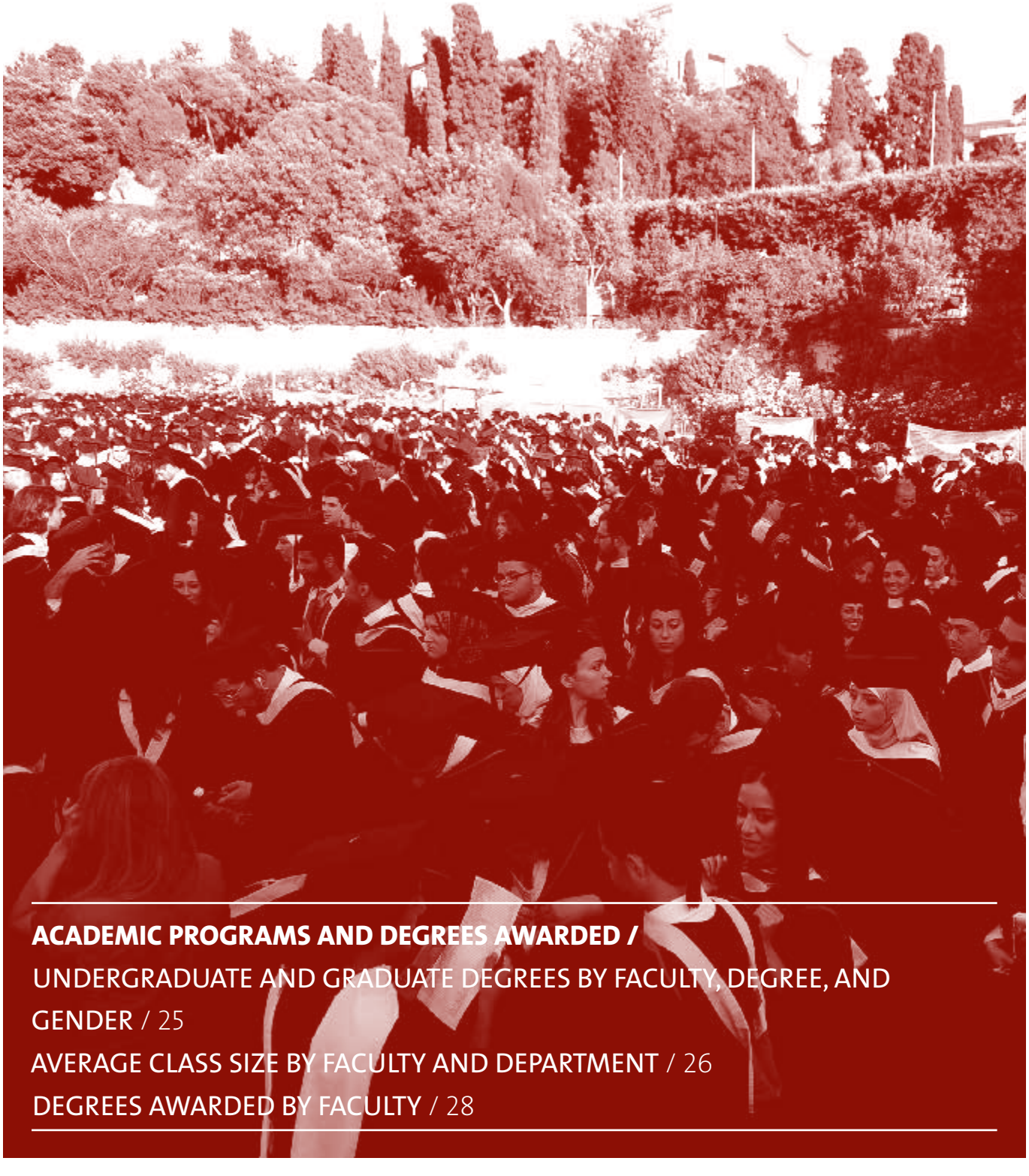
Applications, Acceptances, and Enrollments by Faculty and Level

Fall 2013–14					
Faculty	Applied	Accepted	Accepted %	Registered	Yield
Undergraduate level					
FAFS	1,354	840	62.04	105	12.5
FAS	4,130	2,906	70.36	1,076	37.03
FEA	2,681	988	36.85	482	48.79
FHS	1,026	378	36.84	38	10.05
HSON	246	124	50.41	48	38.71
OSB	1,601	898	56.09	188	20.94
Graduate level					
FAFS	62	40	64.52	10	25
FAS	315	233	73.97	120	51.5
FEA	208	166	79.81	73	43.98
FM	78	56	71.79	20	35.71
FHS	147	110	74.83	52	42.27
HSON	28	26	92.86	16	61.54
OSB	211	138	65.4	75	53.62
Post Graduate level					
FAS	18	6	33.33	5	83.33
FM	18	4	22.22	4	100
FEA	30	14	46.67	9	64.29
Professional					
FM	193	107	55.44	100	93.46

Distribution of International Students by Faculty

Fall 2013–14

Faculty	Percent international enrolled
FAFS	19.93
FAS	30.63
FEA	15.16
FM	16.82
FHS	22.91
HSON	11.61
OSB	26.53
AUB	24.4



ACADEMIC PROGRAMS AND DEGREES AWARDED /

UNDERGRADUATE AND GRADUATE DEGREES BY FACULTY, DEGREE, AND GENDER / 25
AVERAGE CLASS SIZE BY FACULTY AND DEPARTMENT / 26
DEGREES AWARDED BY FACULTY / 28

Undergraduate and Graduate Degrees by Faculty, Degree, and Gender

As of and Including June 30, 2013

Faculty	Degree	Female	Male
Undergraduate level			
FAFS	BSA, BS, BLA	83	29
FAS	BA,BS	290	239
FEA	BAR,BFA,BEN,BS	131	293
FHS	BS	36	16
HSON	BSN	29	5
OSB	BBA	193	153
Graduate level			
FAFS	MS, MSES	25	5
FAS	MA, MS, MAFINE, MSES	80	45
FEA	MEN, MEM, MSES, MUDS, MUPP	40	80
FM	MS, MD	12	4
FHS	MPH, MS, MSES	41	12
HSON	MSN	9	8
OSB	MBA, EMBA	22	23
Post Graduate level			
FEA	PHD	3	3

Average Class Size by Faculty and Department

Faculty	Department	Average Class Size*
FAFS	Agricultural Science	12
	Animal and Veterinary Sciences	15
	Landscape Design and Eco-Management	22
	Nutrition and Food Science	20
FAS	Arabic	15
	Biology	23
	Center for American Studies	11
	Chemistry	29
	Civilization Sequence Program	36
	Computer Science	30
	Economics	52
	Education	13
	English - Communication Skills	22
	English - non-Communication Skills	13
	Fine Arts and Art History	16
	Geology	21
	History and Archaeology	12
	Mathematics	41
	Middle Eastern Studies	4
	Philosophy	17
	Physics	29
	Political Studies and Public Administration	16
	Psychology	25
	Sociology, Anthropology, and Media Studies	17

	University Preparatory Program	11
FEA	Architecture and Graphic Design	23
	Chemical Engineering	23
	Civil and Environmental Engineering	25
	Electrical and Computer Engineering	24
	Engineering Management	25
	Mechanical Engineering	27
FM	Anatomy, Cell Biology, and Physiology	11
	Biochemistry	16
	Human Morphology	16
	Pathology and Lab Medicine	17
	Pharmacology and Therapeutics	26
	Radiologic Technology Training	4
FHS	Environmental Health	20
	Epidemiology and Population Health	21
	Health Management and Policy	15
	Health Promotion and Community Health	13
	Medical Laboratory Sciences	26
HSON	Nursing	11
OSB	Business Administration	23
Interdepartmental Discipline (IDM)		9
AUB		21

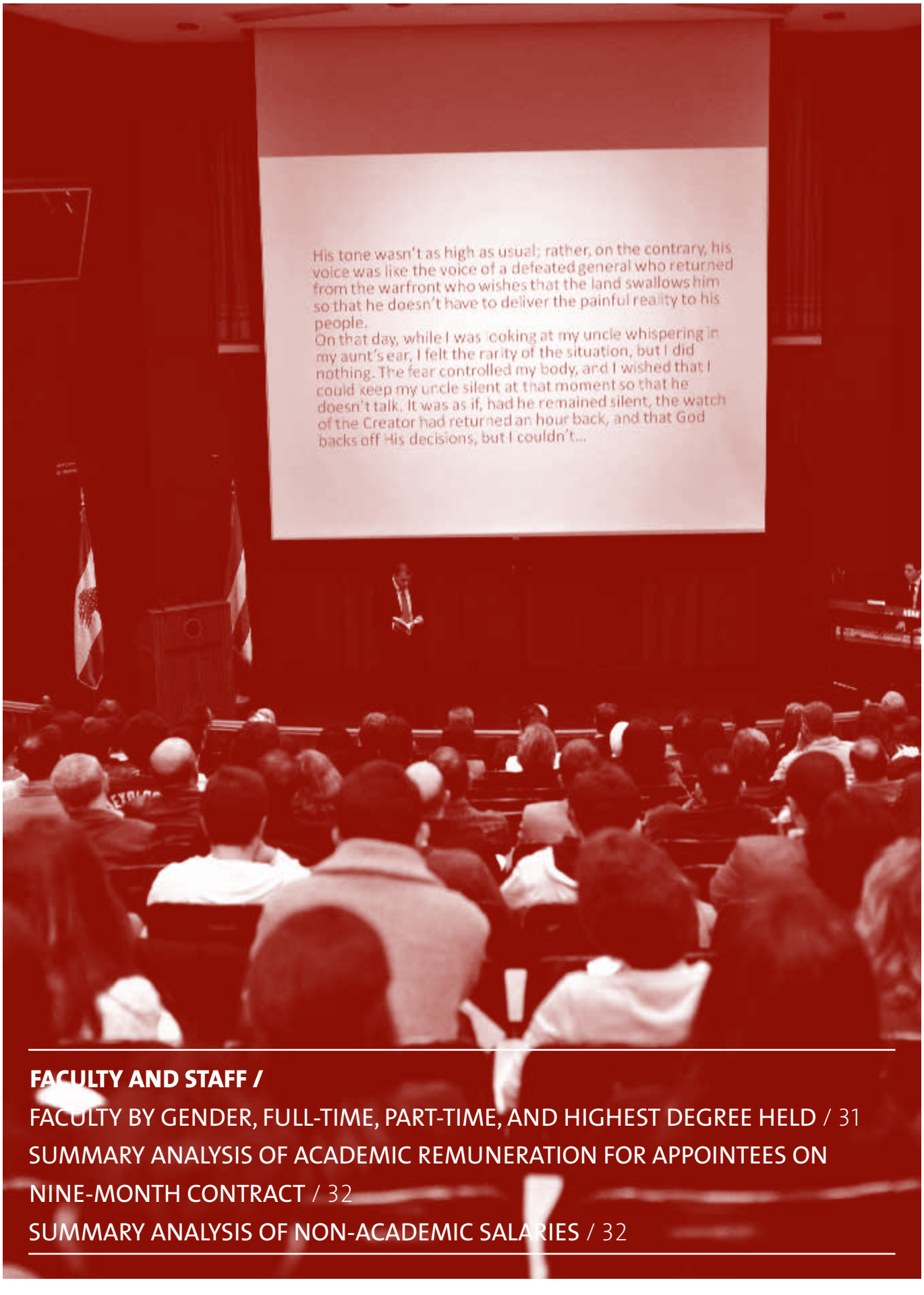
**Average class size is the average number of students in each main course session (tutorial, common lecture, lab lecture, and recitation are excluded)*

Degrees Awarded by Faculty

Programs	Degrees or Certificates
Faculty of Agricultural and Food Sciences	
Agricultural Economics	MS
Agricultural Extension	MS*
Agriculture	BSA
Diploma of Ingénieur Agricole	Diploma
Animal Science	MS
Food Sciences and Management	BS
Food Technology	MS
Irrigation	MS
Landscape in Architecture	BLA
Mechanization	MS*
Nutrition	MS
Nutrition and Dietetics	BS
Plant Protection	MS
Plant Science	MS
Poultry Science	MS
Soil Science	MS
Veterinary Science	BS*
AgriBusiness	BS
Nutrition and Dietetics Coordinated Program	BS
Faculty of Arts and Sciences	
Anthropology	MA
Arab and Middle Eastern History	PhD

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
Transnational American Studies	MA
Clinical Psychology	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
Construction Engineering	BS
Applied Energy	MEN
Faculty of Health Sciences	
Environmental Health	BS
Medical Laboratory Sciences	BS
Epidemiology	MS
Population Health	MS
Master's Degree in Public Health	MPH
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
Interfaculty Programs	
Environmental Sciences (Majors in Ecosystem Management, Environmental Technology, Environmental Health, and Environmental Policy Planning)	MSES
Neuroscience	MS
Nutrition	MS

* *Temporarily frozen*



FACULTY AND STAFF /

FACULTY BY GENDER, FULL-TIME, PART-TIME, AND HIGHEST DEGREE HELD / 31
SUMMARY ANALYSIS OF ACADEMIC REMUNERATION FOR APPOINTEES ON NINE-MONTH CONTRACT / 32
SUMMARY ANALYSIS OF NON-ACADEMIC SALARIES / 32

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

	Full-time	Part-time	Total
Total number of instructional faculty*	538	300	838
Total number of women	209	160	369
Total number of men	329	140	469
Total number of nonresident aliens (international)	136	2	138
Total number with doctorate, or other terminal degree	383	76	459
Total number whose highest degree is a master's but not a terminal master's	147	176	323
Total number whose highest degree is a bachelor's	37	16	53
Total number whose highest degree is unknown or other	1	2	3
Total number of faculty teaching clinical medicine graduate-level students	216	10	226

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

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

Fiscal Year 2013-14, December 2013

Rank*	Average Years in Rank	Minimum US $	Maximum US $	Average US $
Professor	10.44	68,868	139,602	91,780
Associate Professor	4.37	53,113	101,844	68,438
Assistant Professor	3.58	44,761	81,418	56,452
Lecturer	4.89	28,679	86,700	47,689
Instructor	8.49	17,079	62,109	34,467
Research Associate	3.15	18,000	47,745	34,269

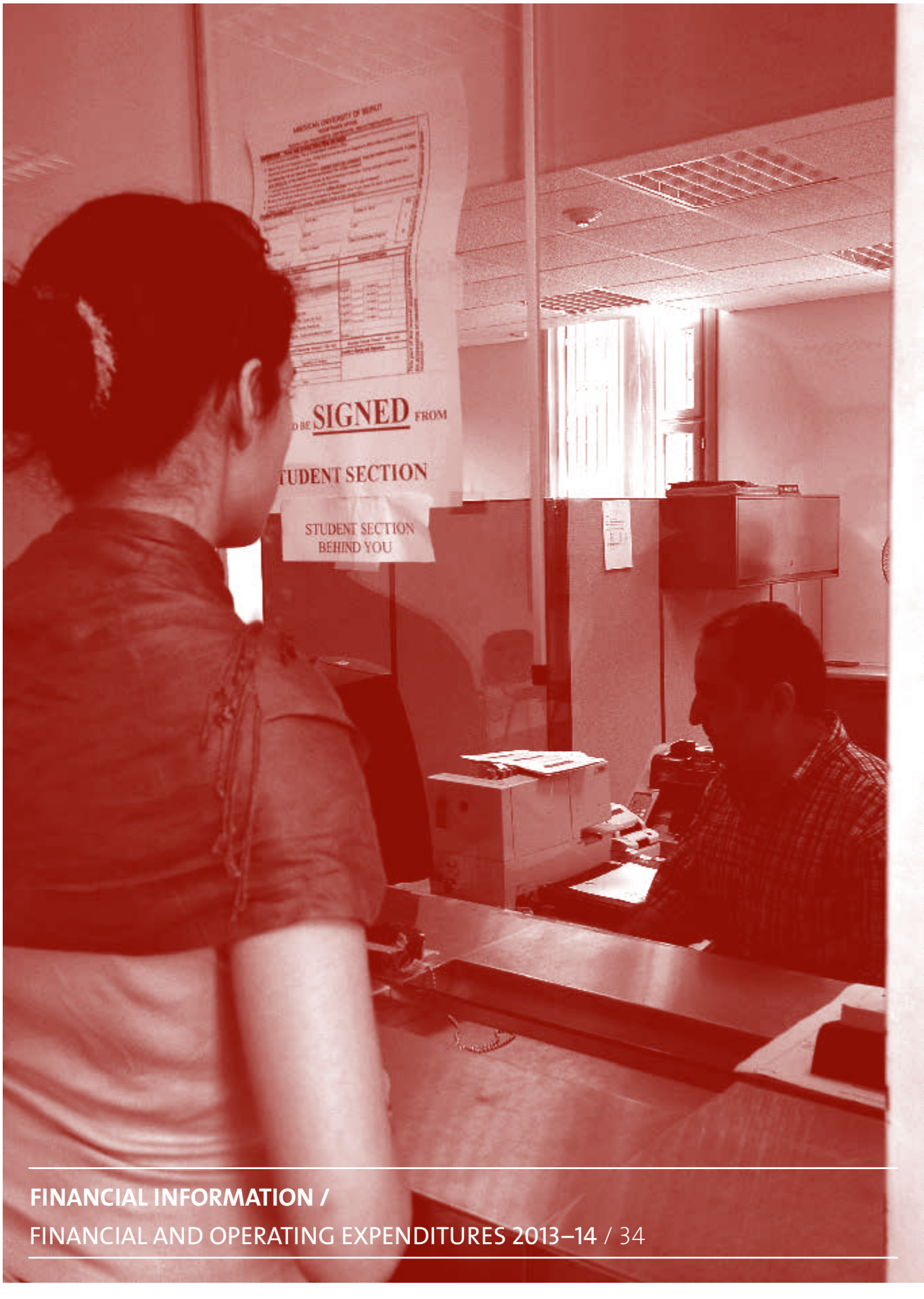
**Excludes current and former Deans, VP's, and Directors. Also excludes those on grants.*

Summary Analysis of Non-academic Salaries

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

Basic LL		
Grade	Min	Max
[01-03]	702,667	3,637,614
[04-06]	805,090	4,299,726
[07-09]	990,497	5,050,605
[10-12]	1,298,413	6,226,578
[13-16]	2,216,275	16,342,950

Annual in US Dollars		
Grade	Min	Max
[01-03]	5,592	28,947
[04-06]	6,407	34,215
[07-09]	7,882	40,190
[10-12]	10,332	49,548
[13-16]	17,636	130,050



FINANCIAL INFORMATION /

FINANCIAL AND OPERATING EXPENDITURES 2013–14 / 34

Revenues and Expenditures

The Facts and Figures as of June 30, 2014

Revenues	Total ($)
Patient care, Pharmaceutical, and Medical supplies	171,481,121
Tuition	156,136,974
Other Student & Educational Program Fees	6,252,531
Grants and Contracts	14,197,749
Gifts	14,793,765
Net Investment return	13,793,629
Auxiliary	13,860,609
Other Revenues	1,307,546
Total Revenues	**391,823,923**

Expenses	Total ($)
Patient Care	170,013,441
Instruction	88,863,165
Research	13,287,117
Academic Support	24,281,797
Financial Aid	32,448,843
Student Services	7,241,957
Public Service	4,595,072
Physical Plant	11,308,231
Institutional Support	27,820,346
Auxiliary	11,963,953
Total Expenses	**391,823,923**

PHYSICAL FACILITIES /

MAJOR CAMPUS BUILDINGS / 37
AUB ARCHAEOLOGICAL MUSEUM / 40
AUB CAMPUS MAP / 42
STUDENT RESIDENCE HALLS / 43

Major Campus Buildings

Bliss Hall – 1900

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 a 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.

Fisk Hall – 1900

Completed in phases between 1900 and 1902, 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 the Faculty of Arts and Sciences.

Jessup Hall – 1883

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 Faculty of Arts and Sciences, including the office of the dean.

West Hall – 1914

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 contains an auditorium, rooms for student clubs, a lecture hall, and a common room.

Marquand House – 1879

The residence of AUB presidents since its completion in 1879, Marquand House was built with a $5,000 gift from Frederick Marquand, a merchant from New York City. In 1902 a faculty room, now known as the Senate Room, was added, and in 1953 the building was renovated to provide a larger main hall with an adjoining

terrace and garden. In November 1991, when an explosion destroyed College Hall, the house was converted into offices for the deputy president, vice presidents, and their staffs. President Waterbury lived in Marquand House during his presidency from 1997 to 2008, when it became the residence of AUB President Peter Dorman.

Lee Observatory – 1874

The original Lee Astro-Physical Observatory was built in 1874 through the initiative of Dr. Cornelius Van Dyck, the 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 of the Facilities Planning and Design Unit (FPDU).

Ada Dodge Memorial Hall – 1873

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.

College Hall – 1873

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, Sr., 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 restored and rebuilt, and inaugurated in June 1999.

Assembly Hall – 1891

Completed in 1891, the 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

© Roger Moukarzel

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 the Assembly Hall's red roof tiles and broke the huge rose windows. Repair work included refurbishing and reupholstering the pews, which accommodate 700 people.

Post Hall – 1902

Completed in 1902 and named after George E. Post, professor of botany and surgery, the building was a gift from 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 was renovated in 2006. The Department of Geology has offices and a museum on the top floor.

Van Dyck Hall – 1931

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 – 2008

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 280-seat auditorium, a cafe, an internet room, a refurbished track and the Green Field, and an underground parking area for around 200 cars.

Rafic Hariri School of Nursing Building – 2009

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 was renovated and since Fall 2009 has housed the Rafic Hariri School of Nursing. The Rafic Hariri School of Nursing offers a state-of-the-art Simulation and Clinical Competency Center and a 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.

Suliman S. Olayan School of Business – 2009

The 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 the award-winning architectural firm Machado and Silvetti Associates (MSA).

Issam Fares Institute for Public Policy and International Affairs – 2014

The new, purpose-built IFI building completes a grouping of five buildings surrounding the Green Oval, which includes Nicely, Jessup, Fisk, and Bliss Halls. Its architect must "meet the challenge of creating a contemporary building in a cherished historical spot," so that the building will blend in architecturally and be integrated

with the existing open spaces and vegetation, including the landscape of the middle campus. Guidelines for the building's interior take into account the different users of the Issam Fares Institute, particularly the researchers and other experts who form the core of this think tank. Visiting scholars, faculty members, journalists, diplomats, and policy makers will have private research space, as well as a state-of the-art reading room, a resource database area, a hi-tech workshop and conference area with video-conferencing capability, and the latest in audio-visual and communication technology. 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 for Public Policy and International Affairs at AUB. In Spring 2014 work was completed on the site of the former Gulbenkian Infirmary.

Irani Oxy Engineering Complex – 2014

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. This gift, along with contributions from alumni and friends, will fund a new on-campus engineering complex, to be named the Ray R. Irani Oxy Engineering Complex in honor of Dr. Irani. To accommodate the expansion of the FEA programs, especially with the introduction of the PhD programs and chemical engineering, the new engineering building will house state-of-the art laboratories, lecture and meeting rooms, and offices for graduate students and faculty. It is being constructed on the former site of Wings B and C, which have been torn down.

AUB Archaeological Museum

Opened in 1902, 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. 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.

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: 10:00 am to 4:00 pm
Closed during Lebanese national holidays and AUB holidays.

Telephone: +961-1-340549
+961-1-350000 ext. 2660 - 2661
museum@aub.edu.lb

Did you know?
The AUB Archaeological Museum, founded in 1868, is the third oldest in the region.

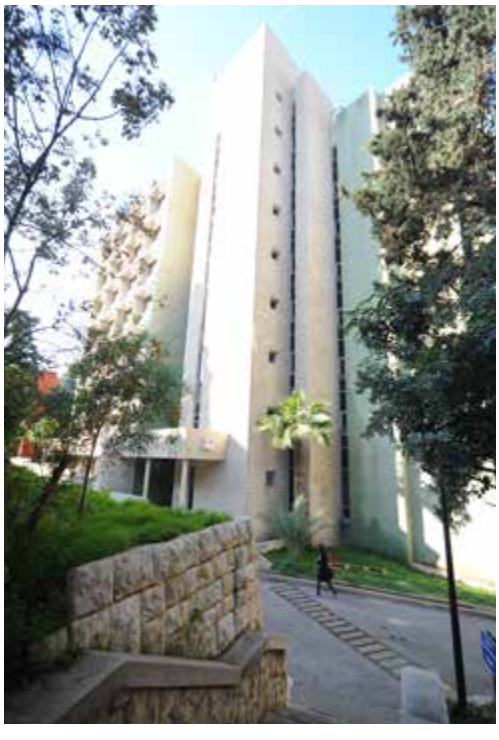
AUB Art Galleries and Collections

AUB Art Collections and Galleries was established in 2012. It brings together under one administrative grouping, AUB's art collection and two recently-opened art galleries.
The AUB art collection includes paintings, photographs, and prints associated with the University. It also houses significant artworks donated to the University. Of these, the most important are contained in the Saleeby bequest, received in 2012, which augmented the collection with over 60 paintings. The Saleeby collection focuses on modern Lebanese art of the early 20th century.
The AUB Art Gallery is located in the Mayfair Building on Sidani Street. Intended as a temporary space pending the construction of a major art center, it primarily holds exhibitions of art related to the permanent collection.
The AUB Byblos Bank Art Gallery is located on the upper campus in Ada Dodge Hall. It is primarily used for temporary exhibitions of contemporary art.
Activities for 2013-14 included the exhibitions, Profiles; Collecting Art in Lebanon and Georges Daoud Corm: Lebanese Painterly Humanism, held in the AUB Art Gallery. The AUB Byblos Bank Art Gallery hosted the exhibitions, Art/World/Disaster and Critical Machines. The latter was accompanied by a major international conference, entitled Critical Machines: Art Periodical Today.

AUB Campus Map

Student Residence Halls

AUB has seven student residence halls: five for women and two for men, offering students quality housing facilities and services to ensure a wholesome living environment enabling 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, pay phones, 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 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. Payphones, laundry facilities, and vending machines with snacks and soft drinks are installed in the basement or ground floor.

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.

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.

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.

Men's Residence Halls

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 recently opened to accommodate medicine and graduate students. 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 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 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 consists 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.

SERVICES /

ACADEMIC SERVICES / 46
OFFICE OF ADMINISTRATIVE SERVICES / 56
COMMUNITY SERVICES / 58

Academic Services

Center for Teaching and Learning (CTL)

The Center for Teaching and Learning, 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 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 lifelong 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, and the Office of Institutional Research and Assessment.

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 Course and Program Levels
- Seminar on Reflective Writing
- Writing Seminars
- 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
- Workshop on Liberal Arts Education
- Individualized Faculty Consultations

Scholarship of Teaching and Learning Grants

Regional Consultations

- Ahfad University, Dhofar University, Qatar University
- Um El Qura University, Princess Nora Bint AbdulRahman University
- Fahd Bin Sultan University in Tabuk

Teaching Excellence Award

Graduate Council (GC)

The Graduate Council was established in October 2011 to elaborate, build, and carefully operate graduate governance structures in order to enhance academic and research processes. The formation of the GC was a response to the expansion of graduate studies at AUB as well as the growing number of new graduate programs. The 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. The 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 the GC as defined at its formation is far-reaching in its scope. The following is an outline of what the 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 inquiries 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 the 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 faculties towards compliance with AUB policies
- Working towards improving Graduate Assistant 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.

Office of Grants and Contracts (OGC)

The OGC at the American University of Beirut 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 the 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

The 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 the AUB campus. It encourages and assists technology development and facilitates the transfer of intellectual property to business and industry.

The OGC undertakes a variety of functions which include

Pre-award Functions

- 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 promoting faculty members' research interests and activities.

Post-award Functions

- Grant agreements: reviews the conditions and terms 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 Functions

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.

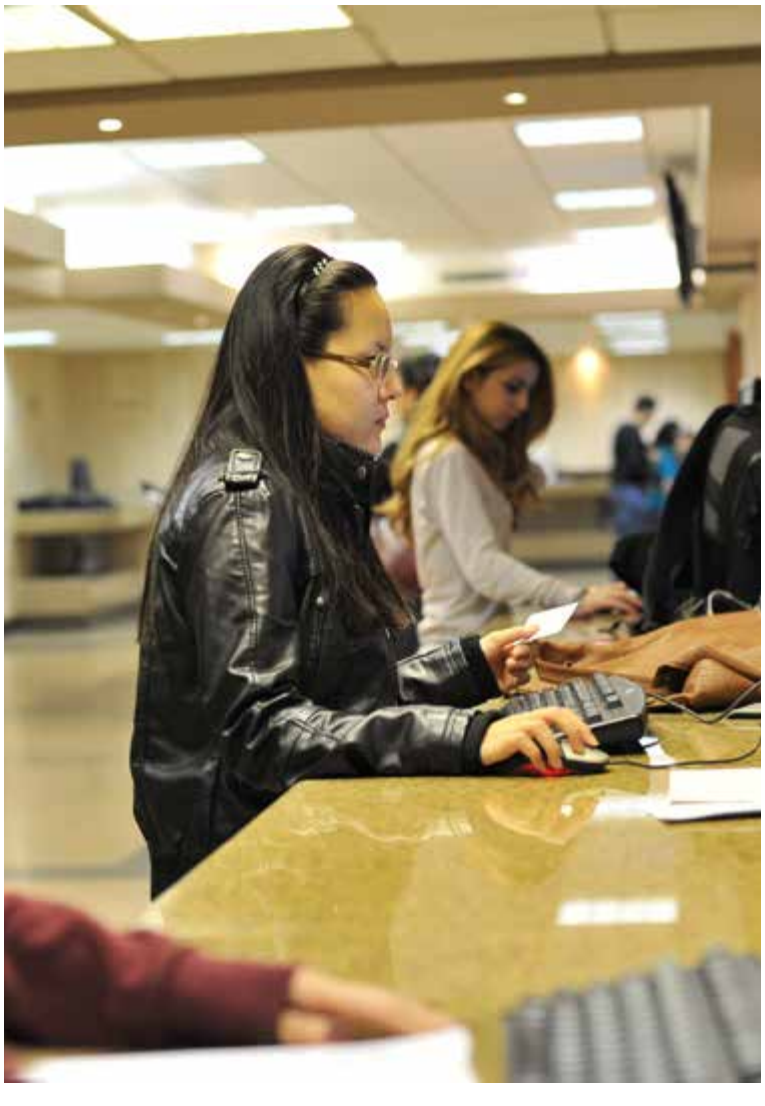
Other Services

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: A total of 302 grants were awarded between September 1, 2012 and August 31, 2013 of which 115 were awarded from external sponsors and 187 awarded from internal funding.



The total research grants awarded amounted to a total of $12,182,518 of which $10,015,177 were from external funding agencies and $2,167,341 from internal sources. In addition to the research grants, AUB was awarded four scholarship grants: Erasmus Mundus (ELEMENT) scholarship for $5,200; Erasmus Mundus (WELCOME) scholarship for $3,900; MEPI Tomorrow's Leaders III for $1,260,499; and USAID University Scholars Program USP4 for $5,721,350.

Office of International Programs

The office of International Programs is committed to developing an international reputation and has partnerships and collaborations with a number of high quality universities and institutions throughout the world. These partnerships have been developed as a key feature of the University's internationalization strategy to enhance AUB's position as a globally connected university. OIP aims to develop international links that promote student and staff mobility and support the advancement of knowledge and innovative research.

The role of the Office of International Programs is to:

- Provide support for all international students studying at AUB
- Offer advice and support to AUB degree seeking students who want to study abroad as part of their AUB degree program
- Keep current records of all exchange-related agreements
- Disseminate the approved AUB templates for future agreements
- Share information with the AUB community about signed agreements
- Review existing agreements on a regular basis for renewal
- Provide agreement templates to faculty wishing to set up new partnerships

Office of Information Technology (OIT)

The Office of Information Technology is AUB's and AUBMC's central information technology service provider and a regional leader in technological initiatives for institutions of higher learning and healthcare. The OIT strives to provide students, faculty, alumni, patients, donors, trustees, administrators, healthcare professionals, employees, vendors, partners, affiliates, and community spread across the globe with secure cost-effective information technology solutions that empower the stakeholders to be creative as they excel in the pursuit of their goals and in achieving leadership in education and healthcare. The OIT performs its duties in a team-empowered environment with integrity, transparency, and innovation. It is composed of many IT departments responsible for revamping, deploying, and maintaining infrastructure 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 data safety.

The OIT manages, through its various departments, the hardware, software, and applications supporting many of the University's academic and administrative functions. These include the Student Information System (AUBsis) operated by the Office of the Registrar, the Library Information System operated by the University Libraries, the Financial Information System (Oracle eBusiness Suite) operated by the Office of the Comptroller, the learning management system (Moodle) operated by the academic units, and the integrated hospital information system operated by the Medical Center's administration and departments. The smooth and efficient functioning of those systems is ensured by a team of professional and experienced IT staff. Learn more about the services provided by the Office of Information Technology by visiting http://www.aub.edu.lb/it/.

IT Academic Core Processes and Systems

The IT Academic Core Processes and Systems (IT-ACPS) department provides academic units with an IT-enabled environment and innovative solutions that facilitate creative teaching, high quality research, effective learning, and professional collaboration and development. IT-ACPS performs its duties transparently to empower stakeholders to advance and lead in education and research. IT-ACPS is responsible for providing services related to plagiarism prevention, e-learning, student surveys, instructional design, and IT consulting. IT-ACPS advises faculty members, students, and the academic administration on the state-of-the-art technological facilities available for teaching and research. IT-ACPS provides a series of scheduled workshops

on e-learning and instructional design to all faculty members. It also provides stakeholders with face-to-face training sessions that help them to acquire confidence and capacity in a wide variety of computer applications. View the services provided by this department by visiting http://www.aub.edu.lb/it/acps.

AUBnet, Internet, and Intranet Services

AUBnet provides a state-of-the-art wired and wireless network infrastructure ensuring high-speed, 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 AUBnet from public computer labs or on personal laptops and mobile devices that access the campus-wide wireless network. Using any web browser, students have access to over a hundred online e-learning courses, most of which are computer-related.
With an AUBnet account, all students, faculty, and staff have full access to the internet, email, and personal websites. This access is subject to a monthly quota to ensure an optimum level of access to the community; access is quota-free after business hours and during holidays. The OIT also maintains AUB's official websites including the Digital Documentation Center's website.

Computer Labs

In addition to providing internet access, computer labs also offer a variety of other resources to students such as printers, CD burners, and secure network storage for personal data. They may also request access to servers hosting such applications as Microsoft Office, special software for statistics and graphics, and various programming languages.

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

Faculty IT Consultancy

IT-ACPS is the first point of contact for all academic units at AUB regarding IT projects and requests. The IT managers in the various faculties, as part of the IT-ACPS team, are responsible for managing all IT projects in their corresponding faculties. These IT projects can range from business process automation and business process enhancement to teaching and research facilities implementation, smart classrooms, high-tech labs, and so on. In addition, the IT-ACPS team is responsible for training stakeholders (faculty administration, faculty members, staff, students, and alumni) in new systems whether introduced university-wide or faculty-wide. The IT managers serve as in-house IT consultants to their respective faculty's administration. This includes participating in the faculty's strategic planning process, proposing IT-related initiatives to support the faculty's mission, and representing the faculty on university-wide IT committees and task forces. IT managers aid the faculty administration in budgeting for IT related projects. They also recommend and assist in the procurement of the hardware, software, and solutions that satisfy best the faculty needs.

E-Learning

The IT-ACPS team manages Moodle, the official AUB LMS (Learning Management System), which is currently used in more than 79 percent of all AUB course sections. IT-ACPS provides guidance, training, and support to instructors using Moodle and to students enrolled in Moodle courses. IT-ACPS also suggests creative and innovative ways to incorporate the online environment into teaching to enhance the learning experience both technically and pedagogically.

Instructional Design

The IT-ACPS instructional designers assist AUB faculty members in all aspects of teaching, course design, course development, course enrichment, and technology in education. They offer training on the pedagogical aspects of course design as well as the integration of technology in education. Instructional designers are responsible for certifying blended and online courses to make sure that they meet AUB standards for excellence in teaching.

Outreach

Outreach is the AUB portal to educational activities beyond the AUB campus. Through Outreach, AUB faculty and staff can create their projects to collaborate with others from different organizations and institutions.

Plagiarism Prevention

IT-ACPS manages Turnitin, an internet-based service intended to help identify and prevent plagiarism. Turnitin is integrated with the AUB LMS (Learning Management System) thus making it more accessible and user-friendly. The department also maintains the mandatory Plagiarism Test and Tutorials, which ensure that all AUB students understand plagiarism and know how to avoid it.

Mahara E-Portfolio

Mahara@ AUB is the official e-portfolio application at AUB and is a fully-featured electronic portfolio, weblog, resume builder, and social networking system, connecting users and creating online communities. Mahara provides the AUB community with the tools to set up a personal learning and development environment.

LimeSurvey

LimeSurvey is an online open source surveying tool. Launched in Fall 2009–10, LimeSurvey has now become the official online survey tool at AUB. It allows AUB faculty, staff, and students to create quickly and with very little effort secure online surveys for thousands of participants.

Training

The IT-ACPS team provides individual and group training to both faculty and staff, on various technology tools. The aim of the training is to equip the AUB community with the needed skills related to the know-how and the effective use of the applications. Faculty members may also request training for students enrolled in their courses. Furthermore, IT-ACPS offers consultation on course design and troubleshooting support on the technology tools used in education.

IT Medical Center Processes and Systems

The IT Medical Center Processes and Systems (IT-MCPS) caters to the information technology needs of the hospital's administration, clinical departments, and nursing services. The Medical Center is presently going through a fast-paced computerization process focused on improving the provision of medical care and streamlining operations in accordance with the Joint Commission International (JCI) accreditation standards. Information technology plays an essential role in achieving this goal. The integrated hospital information system comprises a web portal and web services that link various medical, clinical, and financial applications running on disparate platforms. This architecture allows gradual transition to new technologies without the need to compromise or redevelop existing solutions, while at the same time affording the flexibility needed to develop the system in the highly dynamic fields of medical science and information technology. Most major areas of the hospital are currently computerized and work continues on projects to expand, upgrade, and address new needs in all areas and to take advantage of evolving information technologies.

Among the Office of Information Technology's achievements last year, is the improvement in internet services: Internet download bandwidth was increased and in a more cost-effective manner; web and video caching were implemented (a transparent highly effective caching technology that significantly accelerates the delivery of previewed videos and pre-downloaded files such as applications and operating system updates); web quota was removed (allowing the AUB community to benefit from unlimited download and internet browsing). Authentication pop-ups and proxy settings were also removed allowing users to browse many additional applications from any device.

The IT office deployed a High Performance Computing (HPC) infrastructure, a cluster of computers at the frontline of contemporary processing capacity, with a particularly high

speed of calculation. HPC is to be used for research purposes and bid data analytics. Moreover, the IT office introduced electronic balloting allowing students to vote electronically in a secure environment, automated graduate admissions, allowing graduates to apply online to AUB, automated the research grants application process, created a management dashboard for the administrative unit, developed many applications and decision support dashboards to support the AUBMC operations, such as mobile application for patient identification, appointment notifications, the quality dashboard, etc.. The IT office also continued to strengthen its internal operations and infrastructure, upgrading the servers hosting the major enterprise applications and the capacity of the Banner Self Service application, which would allow thousands of students to register simultaneously. The team was also able to recover from a major failure in the Storage Area Network, which affected core services for weeks. A business continuity plan for IT operations was drafted. The plan is still to be funded before any implementation takes place. Moreover, the IT office reorganized its structure to closely align the people, processes, and technologies with AUB and AUBMC's activities. An inventory of the existing skill-set was created, allowing transparent and easy selection of appropriate staff for various assignments and roles. Enhancements to the Service Desk were also implemented, such as the self-service password reset.

The IT office is currently planning and designing multiple solutions, including an asset management and maintenance solution for AUB and AUBMC, a human capital management solution, an upgrade of the email application, and an upgrade of the campus's core network infrastructure.

Libraries

AUB Libraries consist of the following: Jafet Memorial Library (the central library of the AUB campus), the Engineering and Architecture Library, the 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, reflected in their rich collections. The collections consist of 391,529 books in 469,881 volumes and 6,736 print periodicals (1,800 in Arabic) in 179,404 volumes. The libraries also own 298,525 electronic books and provide access to 95,660 electronic periodicals (8 in Arabic) and 800 journals on microfilm (628 in Arabic). The libraries currently subscribe to 4,000 electronic periodicals, 780 print periodicals (318 in Arabic), and 305 databases. There are about 1,139,340 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 contains 751 linear feet of archival material, 1,369 titles in 1,402 volumes of manuscripts, most of which are in Arabic, some of which are uniquely and/or rarely held resources. There are also 10,125 volumes of theses, projects, and dissertations going back to 1907, 5,022 posters, 776 postcards, and 1,948 maps, as well as 51,710 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 conducive to research. They are equipped with state-of-the-art electronic classrooms and computer

labs. Secure and reliable wireless connections are available in all the libraries. The libraries provide customized reference and instruction services through email, walk-ins, and 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.

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 now 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 5,500 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 also started a Medical Institutional Repository in 2007. 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. With its rich, up-to-date medical collection, SML aims to promote research, education, and patient care in the medical and allied health fields. SML is a member of three consortia in Lebanon and the Arab world, and it provides training for medical librarians and healthcare professionals in Lebanon and the region.

A brief description of 2013–14 library activities includes

Services

- Launched AUB ScholarWorks, which will include the full text of student 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 191,368 to 298,768 and access to full text journals from 88,371 to 100,000 titles
- Received several large in-kind gifts and acquired major collections of Arabic books and periodicals, including one on Arab cinema

Staff

- Sponsored three support staff members to pursue their master's degrees in library and information science in the United States (Illinois, Pittsburgh, Rutgers)
- Organized and participated in four major intensive training workshops on cataloging (at AUB by librarians from the US), digitization (at Bibliotheca Alexandrina, Egypt), 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

- Installed a mobile shelving system in the Archives and Special Collections stacks, which helped increase shelf space by 125% (from 2,000 linear meters to over 4,200)
- Received $150,000 in funds from the family of Dr. Anoun Ghattas Karam to relocate and upgrade the libraries' electronic classrooms and $183,000 from the President's Club to develop two new reading rooms and furnish two others

The Writing Center

The Writing Center contributes to the 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 collaborates with faculty members as they develop disciplinary courses to comply with the General Education-mandated requirement to offer writing instruction in each major. Established in 2004, the Writing Center

- Offers free consultations on writing to members of the AUB community
- Works with faculty to develop discipline-specific writing instruction in all majors
- Participates in conferences, workshops, and research projects
- Makes resources available through its website

Undergraduate students, graduate students, and faculty members serve as tutors. A total number of 2,400 hours of individual tutoring were made available during 28 weeks in fall and spring. Of the total hours, 1400 (86%) were dedicated to individual requests by undergraduate and graduate students, faculty members, and staff, and 987 were distributed among courses in the disciplines. It is worth noting that the Writing Center serves as a significant learning environment for tutors, who often move on to doctoral programs or jobs in teaching or writing-related fields.

Administrative Services Office

Enrollment Management Unit (EMU)

The Enrollment Management Unit is the administrative arm of the Provost's Office that assists in monitoring student enrollment, retention, graduation, and career services, and in providing tuition/enrollment calculations for strategic planning. EMU coordinates also with IT to plan, evaluate and implement strategically student self-services and programs, empowering students and facilitating their enrollment. EMU supports faculties by informing them on institutional practices in the areas of new student recruitment, student support services, curriculum development, advising, and other academic areas that affect enrollment, student persistence, and student outcomes.

In addition, the unit develops initiatives to support student success, and to enhance the effectiveness of the services and processes of admissions, registration, course placement, and student support services.

A guiding principle of the EMU is to promote a student-centered approach in all areas and connect various departments at AUB, using an Enrollment Management Coordinator model.

EMU Mission

- To serve as a change agent and reference point for AUB offices in identifying initiatives to promote student success

EMU initiatives

- Establishing clear goals for the number and types of students needed to fulfill the institutional mission
- Empowering faculty to enhance the advising process

- Consolidating career services and on-line student petition systems
- Streamlining business processes in administrative units
- Assessing course scheduling and timetabling processes to optimize course scheduling
- Empowering students through self-service features
- Revitalizing functions in SIS by increasing its flexibility
- Developing video tutorials for training new students on registration procedures
- Creating a communication plan for newly admitted students
- Establishing a web application for the review of freshman student files

Office of Institutional Research and Assessment (OIRA)

Mission

The Office of Institutional Research and Assessment 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 operations, management, decision-making, and planning functions, and sustains excellence in student learning and 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

- act as a resource and repository for official institutional statistics, information, and policies;
- coordinate assessment and evaluation of university programs and processes (e.g., registration, admissions, 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 (eg, accreditation) and external (eg, comparison with peer institutions) uses;
- develop, administer, and report assessments required by the University for admissions, placement, program review, and other educational purposes;
- serve as a testing center for various international bodies and organizations; 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 recognized for their knowledge, innovative research techniques, insightful analyses, and timely recommendations.

As 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 43 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 US Agency for International Development, the United Nations, the World Health Organization, the Hariri Foundation, the World Bank, higher education institutions, banking institutions, and European federal bodies, among others.

Continuing Education Center

In line with its mission to serve the region and its commitment to lifelong 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 Continuing Education Center (CEC) at the AUB 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.

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, project management, and green building that aim at helping participants maintain a competitive edge throughout their career path.

Center for Civic Engagement and Community Service (CCECS)

Established in 2008, the Center for Civic Engagement and Community Service (CCECS) aims to develop a culture of service and civic leadership within the AUB community and provide opportunities for AUB students, faculty, and staff from all backgrounds to study and respond to social and civic needs. It also seeks to become a resource of knowledge on civic engagement in Lebanon and the region. The center identifies, integrates, and supports university-wide community initiatives, thus upholding AUB's mission of service towards its community. The main objective of the center is to seek connections between civic engagement and liberal learning and it encourages leadership, scholarship, volunteerism, and community partnerships by promoting the integration of service to society with academic study and research in a variety of disciplines; encouraging responsibility and leadership through outreach volunteering programs; building sustainable collaborations and creating close links with the community; and responding to emerging issues.

Approach

To fulfill its mission, CCECS has adopted community service outreach activities, community-based projects and research, and community-based learning (or service l earning) which is an academic type of experiential learning combining service with explicit academic learning objectives, preparation for community work, and deliberate reflection. For this purpose, CCECS was restructured into three main service units:

- Community Outreach Projects Unit (COPu) that aims to organize a strong outreach volunteering program, link with student organizations, and reach out to administrative units and academic departments to expand community engagement across campus;

- Community Development Projects Unit (CDPu) that aims to initiate and/or support inter/multi-disciplinary community-based research and community development projects;
- Community-Based Learning Unit (CBLu) that aims to integrate the service activities of the center into academic programs and develop service or community-based learning across the University.

A research, documentation, and media hub supports the center and its various units and provides resources on civic engagement to the public. The center's main focus is on education, public health, the environment, urban and rural sustainable development, philanthropy, and social justice.

The year 2012-13 witnessed a surge in AUB's engagement with the community, and CCECS's outreach activities and community-based projects have been generally well received by the University and its partners. This was evident through the involvement of the University in community projects in various parts of Lebanon which were given good coverage by the AUB and outside media/press.

Partnerships and Alliances

The center collaborates with AUB departments, faculty, centers, and student organizations, and with a growing list of community partners including governmental and non-governmental organizations, and various municipalities throughout Lebanon. It supports the Tomorrow's Leaders Program under the Middle East Partnership Initiative (MEPI) and the University Scholarship Program (USP) by providing community service opportunities to students in the programs and developing service learning at AUB. CCECS also collaborates with centers and institutes within the region and around the world which share a mutual commitment to community service and its implementation through community-based learning. Through the center, AUB is a founding member of the Ma'an Arab University Alliance, and a member of the Talloires Global Network of Universities and Campus Compact. It is also a partner with nine other universities from Europe, Jordan, and Lebanon on a TEMPUS EU-supported project to develop service-learning and civic engagement partnerships across the curriculum. CCECS also receives donations and funds from various collaborators who support and partner on its various community activities and projects.

Volunteering

CCECS seeks to establish and maintain an active volunteering program at AUB, whereby students mainly, but also faculty and staff, can identify opportunities and options to be involved in projects that best satisfy their aspirations, match their expertise, and respond to critical societal needs. These events and activities involve volunteers with the community at large and inspire them to develop a relationship with those in need (ccecs@aub.edu.lb).

Activities and Projects

During the past year, the pool of CCECS's university and external partners has increased, and a good number of grants and donations were received to support CCECS projects and activities, and the personnel leading and coordinating the initiatives. Several of the projects have been implemented and are serving as

models for AUB's engagement in the community. Among CCECS outreach activities and projects during the academic year 2012-13, the main ones, led and coordinated by the COPu were:

AUB Civic and Volunteering Fair 2013, under the sustainable theme "uEngage for Better Change," aimed at connecting non-governmental organizations (NGOs) and AUB centers and groups involved in civic engagement with the university community. The 2013 version of the annual event organized in April expanded to include around 100 exhibitors brought together for discussions and activities designed to engage more students and the University at large in community work. The fair featured an opening ceremony and dialogue with Ziad Rahbani and videos produced by AUB students on Rahbani were broadcast and presented to him; this was accompanied by an exhibition and screening of Rahbani's works . The fair included an organic food court, a performance by Hip Hop Dancers (Youth from Arms-Free Tripoli Campaign), and Bukhar Beirut Collective activists roaming with their wagon while performing a multitude of performances and engaging the public.

AUB Summer Volunteering Camp, with the Civil Engineering Society (CES). One hundred twenty students, faculty, and staff supervisors from different departments at AUB volunteered their expertise for ten days during August 2013 in community development projects in several villages and towns in South Lebanon. The camp was supported by several university units and external partners. Some of the activities that took place during the camp were construction of a public garden and a public park, tree planting, painting, teaching computer literacy, and construction of a shelter for Syrian refugees.

BLOM Beirut Marathon: The center solicited more than 100 volunteers to enlist runners for the AUB participating teams (Braveheart Fund, Nature Conservation Center, the Multiple Sclerosis Fund, Embrace Fund for Mental Health Awareness), and to help the organizers by running support stations on the day of the Marathon in November 2013.

Supporting Education in Public Schools: In collaboration with MMKN NGO, 25 AUB student volunteers teamed with students from other universities selected to teach reinforcement classes on a regular basis in math, sciences, and foreign languages in public schools.

Reading Campaign: The CCECS supported an initiative by faculty and students to volunteer one day per year to read to children and youth in the Palestinian camp of Borj Al-Barajneh. The campaign, included a book collection and donation drive for the camp onsite and "mobile library" campaign.

Cooking for a Good Cause, an initiative hosted by the Nutrition and Food Sciences department and Pilot Plant at FAFS. The proceeds of bi-weekly cooking classes delivered during 2013 by a cancer survivor go to support the Faire Face NGO for providing treatment for cancer patients.
Donation Drives are ongoing initiatives aiming at collecting clothes, toys, books and other useful items in good condition to donate to needy communities.

Fundraising Concerts
CCECS organized several fundraising concerts, the proceeds of which went to support some NGOs such as Nawaya Network, victims of Achrafieh building collapse, and educational programs for Syrian refugees.

Workshops for the Visually Impaired
In order to promote the inclusion of the visually impaired in their community, CCECS has organized various workshops for the visually impaired such as Chess Training, White Cane Training and Body Language in collaboration with experts in their fields.

The outreach activities above constitute a sustained effort by CCECS to associate civic engagement and community service with academic learning. This is in line with the center's primary objective to develop and implement community-based learning (CBL) or service learning (SL) at AUB. Through an EU-TEMPUS

grant and the Tawasol group consisting of nine participating universities from Europe, Jordan, Lebanon, and with the support of other external grants and by AUB, mechanisms and training programs were put in place to introduce pilot CBL courses and projects at AUB during the years 2010–13. The development of this pedagogical approach is at the stage of being formally presented to the academic leadership and community of AUB with a plan of action that includes mechanisms for implementation and procedures for adoption by faculties and departments. The main community-based development projects undertaken by the center and partners which have been implemented, or were under implementation during 2012–13:

Reclaiming Traditional Water Conservation Practices in Rural South Lebanon – The Case of Marwaheen Village, a study conducted and coordinated by CCECS for the recovery and rehabilitation of the communal pond (birki) and design of the village channels for water harvesting and collection, partially funded by a UN-Office of the Personal Representative of the Secretary-General (OPRSG) grant from the British Embassy, in partnership with the Marwaheen Municipality and the Union of Municipalities of Sour, and with the participation of the departments of Civil and Environmental Engineering (CEE), Landscape Design and Ecosystem Management (LDEM), and faculty/graduate students and experts from urban planning and agriculture. The project was implemented under the initiative of "Every Drop Counts," initiated and funded by the UNDP and the Coca-Cola Foundation, and included a training campaign on water harvesting and alternative agriculture. The next phase of the project is the development of an agricultural technical center in Marwaheen aiming at supporting a collective of municipalities and villages in the area.

Promoting Urban Agriculture in Ain el-Helweh Camp, initiated by a study of needs by a team from CCECS and interns from EARTH University in Costa Rica, involving a vision set up for rehabilitating a Women's Vocational Training Center into a Green Center promoting water harvesting and urban agriculture in the Palestinian refugee camp of Ain el-Helweh. The project was funded by and partnered with the American Near East Refugee Aid (ANERA) and consisted of two modules and phases: training sessions offered and managed/partnered by the LDEM department in the camp and in the greenhouse at AUB, and a physical intervention/implementation managed by the CDPu-CCECS.

Greening the City: Research and Development for Urban Agriculture, with the AUB Neighborhood

Initiative and CEE and LDEM departments, and in partnership and with the support of ANERA, developed a pilot research study and constructed a prototype model in neighboring schools on rainwater catchment and planting in local urban settings. The project includes an educational and dissemination module providing onsite training sessions for school students and neighbors on the application of urban greening and planting in their local environments.

Inclusive Neighborhood—The Case of Jeanne d'Arc Street: The CCECS is partnering with the Neighborhood Initiative in developing a design proposal on behalf of AUB to be adopted and implemented by the municipality of Beirut as a prototype of a "Design for All" concept. The research study is being conducted with the involvement of students, faculty, and experts from various social and technical disciplines across AUB. The project extends along Jeanne d'Arc Street, from the AUB Main Gate to Hamra Street, and consists of remodeling the urban landscape and creating a friendly street for pedestrians, with particular attention given to the needs of people with disabilities and support and input from relevant organizations.

Syrian Relief Project (SRP)
This initiative started with a group of Syrian students in collaboration with CCECS to conduct fundraising for Syrians displaced in Lebanon. The initiative has been developed by the center's CDPu, which collaborated with university partners, external organizations, and funders to implement projects related to shelter, education, water, and sanitation. The initiative is expanding to become a university-wide project that is adopted by the whole AUB.

The Neighborhood Initiative

AUB's presence in Ras Beirut since 1866 has shaped the urban environment surrounding the University. 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 the campus walls. A special project under the President's Office, the initiative has a team working collaboratively across the University and with neighborhood residents, businesses, and public sector decision-makers. Major financial support has been provided by both the President's Office and the Ford Foundation. 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. 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 2014. New projects under the urban environment theme tackle waste management and recycling on Bliss Street and the problem of urban noise. The Bliss Street Improvement Task Force is working with businesses, starting with a needs assessment survey. Sawt wa Samt: The AUB Noise and Silence Research Group conducted a trial noise map on and around the AUB campus; fine arts students designed class projects to highlight noise and silence; graphic design students illustrated motion and noise on Bliss Street. A neighborhood noise map and survey are planned by this multidisciplinary group. The Neighborhood Initiative is also supporting work under the general theme of Community and Well-Being. A new project, the Ras Beirut Oral History Project, is recording the stories of men and women over the age of 70 who have lived in the neighborhood for most of their lives. A book and exhibition are planned. Finally, the Neighborhood Initiative works on the theme of Preserving the Diversity of Ras Beirut. This year, a collaborative research project with the London School of Economics on the topic of gentrification has been launched to focus the spotlight on this aspect of change in the neighborhood. An international conference on gentrification will be held in 2015.

RESEARCH CENTERS AND PROGRAMS /

ADVANCING RESEARCH, ENABLING COMMUNITIES (AREC) / 65
THE ANIS MAKDISI PROGRAM (AMPL) / 66
THE ARTS AND HUMANITIES INITIATIVE / 66
THE ASFARI INSTITUTE FOR CIVIL SOCIETY AND CITIZENSHIP / 68
CENTER FOR ADVANCED MATHEMATICAL SCIENCES (CAMS) / 69
CENTER FOR ARAB AND MIDDLE EASTERN STUDIES (CAMES) / 70
THE PRINCE ALWALEED BIN TALAL BIN ABDULAZIZ ALSAUD CENTER FOR AMERICAN STUDIES AND RESEARCH (CASAR) / 72
CENTER FOR ENGLISH LANGUAGE RESEARCH AND TEACHING (CELRT) / 73
CENTER FOR RESEARCH ON POPULATION AND HEALTH (CRPH) / 73
AUB—DIGITAL SIGNAL PROCESSING (DSP) AND ADAPTIVE FILTERING GROUP / 74
EVIDENCE-BASED HEALTHCARE MANAGEMENT UNIT (EHMU) / 75
ENERGY RESEARCH GROUP (ERG) / 76
THE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT UNIT (ESDU) / 78
FAROUK K. JABRE CENTER FOR ARABIC AND ISLAMIC SCIENCE AND PHILOSOPHY / 79
HEALTH EDUCATION RESOURCE UNIT (HERU) / 80
THE MUNIB AND ANGELA MASRI INSTITUTE OF ENERGY AND NATURAL RESOURCES / 80
AUB—NATURE CONSERVATION CENTER (AUB-NCC) / 82
INSTITUTE OF FINANCIAL ECONOMICS (IFE) / 84
THE ISSAM FARES INSTITUTE FOR PUBLIC POLICY AND INTERNATIONAL AFFAIRS (IFI) / 87
SCIENCE AND MATHEMATICS EDUCATION CENTER (SMEC) / 89
THE AMERICAN UNIVERSITY OF BEIRUT-TOBACCO CONTROL RESEARCH GROUP (AUB-TCRG) / 90

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 Beqa'a area to create a center where students, faculty members, and local community could cooperate to provide solutions for the agriculture sector. Over the years, this plot of land evolved into 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 Beqa'a area. AREC's role today has grown beyond providing education and research programs in the field of agriculture. In fact, the new strategy of AREC envisioned this center with a new name: "Advancing Research, Enabling Communities - AREC.
Following the new vision and mission of AREC, the transformation of all AREC operations is key, in an attempt to achieve AREC's new goals.

Below are some of the key highlights of the activities during 2013:

1. A new strategy for AREC is in place.
2. The year 2013 witnessed strengthening the cooperation with ICARDA to utilize additional land and renovate and establish its International Nursery at AREC as well as expanding the existing seed bank on the AREC premises.
3. UNIFERT cooperation and agreement was renewed with AREC with better financial and educational conditions.
4. A new caterer, Casper and Gambini, was appointed to provide food services to students and professors.
5. A new Internet network and IP surveillance camera system was established.
6. A new contractor for casuals was appointed in order to decrease the overall expenses.
7. AREC's new outreach nitiative succeeded in providing agricultural services using its machinery and its expertise to cultivate more than 3,000 dunums of land for farmers.
8. The first botanical garden in Lebanon was established through the generous support of the Australian Embassy.
9. AREC's new main lounge renovation was finalized in 2013.
10. Numerous key workshops and research trials took place:
    a. Workshop in cooperation with GIZ (German Agency for International Cooperation) and FAFS on new concepts for agriculture for farmers and students (from four universities in Lebanon)—visit of Minister of Agriculture.
    b. BEYOND, a Lebanese non-governmental organization, held several "Training of Trainees" workshops to provide health and educational consultancy for the Syrian refugees in Lebanon.
    c. Initiation of saffron plantation at AREC. Project of strategic importance to local communities and additional revenues for AREC.
    d. Hosting training for the International Red Cross at AREC for three days.
    e. Poultry, cereal, and legume trials for thesis students were conducted at the AREC premises.

The Anis Makdisi Program in Literature (AMPL)

The Anis Makdisi Program in Literature 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.

Four primary activities of the Anis Makdisi Program in Literature:

1. To host an annual Anis Makdisi memorial lecture by a leading literary scholar or a noted author of poetry or prose, and to publish this lecture following its presentation.
2. To offer a 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. To host informal gatherings (lectures, discussions, colloquia), thereby providing a venue for collegial scholarly dialogue for the academic communities of Beirut.
4. To offer (with the assistance of the University) two student scholarships each 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.

The Arts and Humanities Initiative

Based on the agreement reached between the AUB Office of the Provost and the Andrew W. Mellon Foundation in January 2012, the Arts and Humanities Initiative came into existence on April 14, 2013.

The core group is composed of five AUB faculty fellows and two Mellon postdoctoral fellows, as well as interested faculty of all ranks from humanistic disciplines. The group participates in a regular program of activities (luncheons, seminars, workshops, and an annual conference) that gives equal emphasis to research, teaching, and curricular renewal. One of the aims of the Arts and Humanities Initiative (AHI) is to inspire our fellows to work on creative multi-disciplinary projects and to incite interest among faculty members in arts and humanities to lay the foundations for mutual creative and research developments and to bolster intellectual and educational links with other faculties.

First year activities (2012-13) were exceptionally fruitful and encompassed a variety of dialogues and a range of research and cultural activities. AHI hosted a state-of-the-field seminar organized by the Philosophy Department, which explored recent theoretical and methodological directions and changes in particular humanistic disciplines. Thirteen diverse talks and discussion forums in different academic fields in the arts and humanities entertained prominent international scholars and celebrities in art and performance, and committed support to

diverse projects that involved faculty members and students. The activities culminated in the annual conference, "Beyond Liberalism and Islamism: Homage to Albert Hourani," May 8-9, 2013. Observing the Arab world today in the throes of the revolutionary changes that are rapidly increasing, opening a way to radical changes on all levels, Hourani's legacy as a historian of mentalities and cultures informed the conference papers to seek perspectives that go beyond liberalism and Islamism.
AHI also supported three workshops, each establishing a theme of research and intellectual interaction: "The Sciences and Arts and Humanities in Dialogue," " Digital Humanities" (DH), and "On the Image." The DH forum brought together a group of faculty members, students, and IT specialist to initiate a new digital humanities environment for intellectual exchange and the shaping of potential new digital projects on campus.

The 2013-14 overarching theme is "Space and Place"; throughout the year three groups will be meeting to discuss themes relevant to this theme, which was also the subject of the annual conference, April 24 – 26, 2014.

AHI is extremely grateful to the Mellon Grant for offering us this great opportunity which has allowed AHI to initiate intellectual dialogue, create forums and venues for interdisciplinary endeavors, rethink and introduce innovations in our curricula renewal as well as enhance collaboration between disciplines. We need to build on these efforts in the coming two years in order to promote more opportunities for students, to generate novel understandings of the intellectual relationship between students and faculty, and to enhance the possibilities of working together and responding to the evolving international dimensions of an increasingly new and complex research in the global humanities and arts.
Maher Jarrar, Chairman

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 a $10 million grant from the Asfari Foundation, founded by Trustee Ayman Asfari.
The institute has been 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 to promote openness, transparency, and accountability in the region. Both the foundation and AUB recognize that the Arab world is undergoing significant change, and they intend that the work of the Asfari Institute will make a unique and valuable contribution to progress in the region during this era of historic transition and beyond.

Mission

The Asfari Institute for Civil Society and Citizenship will serve 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 for 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.

Conference on Civic Participation and Citizenship: New Spaces of Civil Society Activism in the Arab World

Entitled "New Spaces of Civil Society Activism in the Arab World," the conference was held at the American University of Beirut in May 2013 in partnership with the Arab Studies Consortium (Center for Contemporary Arab Studies at Georgetown University, the Arab Studies Institute at George Mason University) and Legal Agenda Beirut for two full days of engaging discussions among experts from the region on civil society's role in promoting change and rights-based advocacy. The conference was live-tweeted under the hashtag, #AICC2013, with about 300 tweets posted during the two-day discussions, reaching more than 47,000 accounts. Exposure was high with more than 192,000 impressions generated.

Center for Advanced Mathematical Sciences (CAMS)

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 a 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 making significant use of mathematical tools;
- 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. Committee meetings are chaired by the director. A secretary is appointed for the purpose of recording minutes, copies of which are forwarded to the Provost's Office.

The current members of the steering committee:

- Wafic Sabra, Director
- Fadl Moukalled, Department of Mechanical Engineering
- Hazar Abu Khuzam, Department of Mathematics
- Wissam Raji, Department of Mathematics
- Mazen Ghoul, Department of Chemistry
- Wassim El Hajj, Department of Computer Science.

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- chairman and secretary.

Center for Arab and Middle Eastern Studies (CAMES)

The Center for Arab and Middle Eastern Studies offers interdisciplinary MA degrees in Middle Eastern Studies and in Islamic studies. The goal of CAMES 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 program draws on other departments to provide coursework and thesis advising for its students. To complement students' course work and to promote scholarship about the 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 of study in such areas as 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, philosophy, and Arabic language and literature. 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 a seven-week intensive Arabic language course in the summer.

The CAMES MA programs offer a thesis option and a project option.
In 2012-13, CAMES organized and took part in the following activities:

Lectures

"A Civilized Revolution: Aesthetics, Political Action, and Urban Space in Egypt,"
Jessica Winegar, Associate Professor of Anthropology, Northwestern University

"Headscarf Controversy Goes Global"
Hilal Elver, Research Professor of Global Studies at the University of California, Santa Barbara (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"Did Muhammad Ali Foster Industrialization in Early 19th Century Egypt?"
Laura Panza, Post-doctoral Fellow, Department of Economics, University of Melbourne (in collaboration with the Economics Department)

"Lost Virgins Found: the Songbook as Genre in Arabic Literature" and
"Muslims, Christians and Jews in the Formation of Medieval Andalusian Music"
Dwight Reynolds, Associate Professor of Religious Studies, University of California, Santa Barbara

"The Maghrib and Uprisings"
Laryssa Chomiak (Center for Maghrib Studies, Tunis) and Robert P. Parks (Center for Maghrib Studies, Algiers) (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"British-French rivalry in the Middle East, 1915-48"
James Barr, author of A Line in the Sand: Britain, France and the struggle for the Middle East

"Pax Syriana: Elite Politics in Postwar Lebanon"
Rola el-Husseini, Research Assistant Professor, Graduate Center, CUNY

"The International Circulation of Palestinian Kufiyas"
Ted Swedenburg, Professor of Anthropology, University of Arkansas.

"After Babel: Dialogue and Cosmopolis"
Fred Dallmayr, Professor of Political Science, University of Notre Dame
(in collaboration with the Department of Political Studies, the Arts and Humanities Initiative, and the Anis Makdisi Program in Literature).

"Arab Workers and the Popular Uprisings of 2011"
Joel Beinin, Professor of Middle East History, Stanford University
[in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"Security, Stateness, Popular Sovereignty: Locating New Political Theory in Contentious Egypt"
Paul Amar, Associate Professor in Global Studies, University of California, Santa Barbara (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"Contentious Politics and the Arab Uprisings"
John Chalcraft, Reader in History and Politics of Empire/Imperialism, London School of Economics (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"Protests and Politics in Jordan"
Tariq Tell, Visiting Assistant Professor at CAMES (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"Invisible and Proxy Detention in Counterinsurgencies: Khiam and Salt Pit"
Laleh Khalili, Reader in Middle East Politics at the School of Oriental and African Studies (in collaboration with the Center for American Studies and Research)

"Social Justice, Jobs and Competitiveness: Searching for a Post-Revolution Private Sector Development Agenda in MENA"
Magdi M. Amin, International Finance Corporation (IMF)
(in collaboration with the Issam Fares Institute for Public Policy and International Affairs and the Economics Department)

"Blowback: The US Drone War in Yemen, Stories from the Field"
Kelly McEvers, National Public Radio (in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

"The Emerging Political Landscape in Egypt – New players and the Constitutional Debates"
Mohamed Elagati, Director of the Arab Forum for Alternatives
(in collaboration with the Issam Fares Institute for Public Policy and International Affairs)

Conferences

"Sexual Sovereignty: Citizenship, Governmentality, and Territory," March 2013([in collaboration with the Center for American Studies and Research)

"City Debates 2013: Rethinking Informality at Multiple Scales," April 2013 (in collaboration with the Department of Architecture and Design)

Workshop

Teaching and Learning the Civil War, June 2013 (in collaboration with the Lebanese Association for History, The Centre for Lebanese Studies, The Finnish Institute in the Middle East, and the Open Society Foundation Education)

Film presentation

Imperial Outposts: The Secret History of the US Military Presence in Turkey, a film directed by Amy Austin Holmes (Assistant Professor of Sociology at the American University in Cairo). The screening was followed by a discussion with the director (in collaboration with the AUB Center for American Studies and Research).

Other Activities

CAMES represented AUB at the 2012 Middle East Studies Association (MESA) Annual Meeting, November 17-20, 2012 in Denver, Colorado.

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 offering a minor in American Studies and an MA program in Transnational American Studies that launched in Fall 2013. CASAR fulfills its mission to increase knowledge of the United States in 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 2013–14 CASAR hosted several symposia on the history and scope of American economic, cultural, and military power in the world. In addition, CASAR brought six speakers to its lecture series. CASAR also hosted its fifth international conference on the theme, "Transnational American Studies." The conference brought approximately eighty speakers from twenty countries to AUB.

2013-2014 lecture series (partial list):
Pratap Chatterjee, "The US War of Terror"
Hisham Aidi, "Empire State of Mind: Race, Music, and Democracy Promotion"
Ruth Wilson Gilmore and Robin D. G. Kelley, "America Today"
States"
Gaye Johnson, "Race, Space, and Coalitional Politics"
Chuck D (Public Enemy), "Hip Hop and Global Culture"

Center for English Language Research and Teaching (CELRT)

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

- In cooperation with the Department of English, it sponsors a program leading to an MA degree in English language.
- It maintains a computer-assisted language learning facility and a library comprising a collection of reference books, textbooks, journals, MA theses, reports, and teaching aids.
- It offers 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.
- It engages in research in all aspects related to language analysis and language study including theoretical and applied linguistics, language teaching and language learning, sociolinguistics, psycholinguistics, 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 is to support research on issues at the intersection of population and health in Lebanon, the Arab region, and internationally, and to disseminate findings to scientists, policy makers, and the public. Members of the center are epidemiologists, physicians, social scientists and public health professionals who combine expertise in particular public health issues with a concern for how new evidence can contribute to policies and interventions to improve health.

The center's research activities are undertaken by interdisciplinary research working groups and networks focused on specific issues. Researchers affiliated with the CRPH have worked on a variety of topics including women's reproductive health, urban health, the health of refugees, the health of Bedouin populations, interventions among youth, reported health, mental health, and childbirth. Currently, CRPH projects are supported by the Ford Foundation, the IDRC, (International Development Research Centre), the US National Institutes of Health, the Qatar Foundation, and the World Health Organization.

The center provides researchers at the Faculty of Health Sciences (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 FHS with the goal of collaborating with FHS faculty or of pursuing innovative research or writing activities.

American University of Beirut: 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 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 694: Digital Image Processing
EECE 694L: Digital Image Processing Laboratory
EECE 693: Neural Networks (covers neural networks, pattern recognition, and machine learning)
EECE 695: Adaptive Filtering
EECE 696: Applied Parallel Programming

(For this course the group benefits from a lab grant from Nvidia in hardware and software that facilitates the teaching of CUDA (Compute Unified Device Architecture). C/C++ programmers use 'CUDA C/C++', and Fortran programmers can use 'CUDA Fortran'. Nvidia designated AUB as a CUDA Teaching Center for Parallel programming using Nvidia's GPUs (Graphic Processing Units). Additionally, it benefits from laboratory grants to other faculty members from Intel that facilitate teaching parallel programming using multicores.

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

http://webfea-lb.fea.aub.edu.lb/dsaf/main.htm

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, 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 in one sector, namely, healthcare.

EHMU Mission

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

EHMU 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), the Faculty of Health Sciences (FHS), the School of Nursing (SoN), the 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, Vice President/ Dean of Medical Affairs Mohamad Sayegh, MD, explained that the following actions are key enablers for achieving 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 patient satisfaction.

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

EHMU Board and Staff

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Farah Ali Otaki, MPH- HMP, CPH Researcher	EHMU-Based

Energy Research Group (ERG)

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, 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 which 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 African 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 which 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. AUB is the leading partner In this project, which is carried out in collaboration with the American University of Cairo, the Lebanese American University, the University of Helwan, the Suez Canal University, the Polytechnic of Torino, Lund University, 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)

ESDU is an interdisciplinary research and development unit specialized in sustainable rural livelihoods. It was established in 2001 at the AUB Faculty of Agricultural and Food Sciences 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.esdu-aub.org).
In 2007 ESDU became the Seventh Center of RUAF (Resource Centers on Urban Agriculture and Food Security) serving the MENA region (www.urbanagriculture-mena.org). In addition, ESDU launched in partnership with FAO the portal www.comdev-neareast.org with the first-of-its-kind Arabic user interface.
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.
In 2010 ESDU celebrated its 10th anniversary.
In 2012, ESDU was selected to host the regional KariaNet Network http://www.karianet.org/. The RCODE Master of Sciences Program in Rural Community Development was approved by the BOT and is scheduled to start in fall 2014.
In 2013, ESDU, in collaboration with Waterfront City Cares, established officially the Food Heritage Foundation to manage Farmers' Markets and Community Kitchens serving small producers.

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

Renowned Lebanese businessman and philanthropist Farouk K. Jabre made a generous donation to the American University of Beirut to fund the establishment of a new center for Arabic and Islamic science and philosophy, whose mission will be to support research on Arabic and Islamic science and raise awareness about these fields through outreach and education.

The Farouk K. Jabre Center for Arabic and Islamic Science and Philosophy 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 historical, philosophical or business and financial aspects. The University already offers an MA in Arab and Middle Eastern Studies.

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 in 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.

Research on Arabic and Islamic science is only about five decades old. This branch of learning was pioneered by the late Edward S. Kennedy, an AUB faculty member for 30 years, who left Lebanon at the height of the civil war. Professor Kennedy collaborated with AUB colleagues in such fields as mathematics, physics, and history to edit and publish extracts from Arabic scientific manuscripts. In addition to his own foundational works and the handful of scholars he trained, his legacy also includes some of the 1,400 manuscripts held by AUB's University Libraries, which provide a modest foundation for studies in the field.

Health Education Resource Unit (HERU)

The Health Education Resource Unit 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 of OPU (outreach and practice unit) , 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 OPU and to avoid duplication of efforts and resources within FHS, HERU is now focusing on identifying and obtaining educational materials such as posters, videos, and brochures in addition to books and journals with the aim of making 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 on-line database which includes over 400 books in addition to audiovisual aids, DVDs, and brochures on a wide range of topics in both English and Arabic is now, available on-line 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 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.

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 chairwoman 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. Al-Hindi (Engineering), R. Chedid (Engineering), and A. Yassine (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. It aims to

- Conduct 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.
- Promote and contribute to the advancement of training programs in the petroleum and energy sciences and in the effective use and management of natural resources.
- Support postdoctoral research and education at AUB, and at other local and regional universities, and foster a multidisciplinary environment encompassing the various areas of energy and natural resource science.
- Identify and pursue promising new fields of science, engineering, business, and/or policy studies that could be integrated into the Masri Institute and the University.
- Act 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.
- Play 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.

Activities

- The Munib and Angela Masri Institute of Energy and Natural Resources has reviewed and funded eight research proposals for the amount of $107,200 over two years to start in October 1, 2013. The approved research projects are for faculty members from FEA, and FAS, and address a Photovoltaic-Thermal System to minimize electric and air conditioning energy consumption of a typical office in Beirut, plugging electrogenic bacteria and building a solar-driven microbial photoelectrochemical cell, regional energy supply in electricity and transport; ultrasonically driven flow in porous media for tertiary oil recovery—an experimental study; amplification of solar energy conversion and desulfurization of fuel at hematite and titania photonic crystals and photonic glass by trapping light; the use of petrel for the stochastic optimization of the oil production process; evaluation of geothermal pavements and other energy harvesting systems in roadways; on-shore wind farm construction in lebanon.

- The Institute and FEA have formed faculty research clusters related to the oil and gas sector such as material characterization; design for offshore structures; instrumentation, control and wireless sensing; big data; modeling and simulation; project evaluation; risk assessment and worker productivity; remediation of oil spills. Research projects in these areas will be considered as priority themes.

- The institute invited the board members of the Lebanese Petroleum Administration on Thursday October 10, 2013 and the lecture highlighted Lebanon's first offshore licensing round and the development of the oil & gas sector in addition to AUB's education and research programs related to the gas and oil sector. Moreover, the institute will fund a symposium on Materials Science and Energy organized by FAS and with an organizing committee including faculty members of both FAS and FEA. In addition, the Masri Institute endorsed the Pro-Green Tempus Project in which 10 partner institutions from Lebanon, Egypt, Sweden, Italy, Ireland, and Spain have been working on the development of e-learning training courses on green technologies in energy, water, and buildings for professionals and graduates working in these fields. Training on development of on-line course material was provided by the IT ACPS Unit at AUB on November 1 and 2, 2013 for Pro-Green faculty. Also faculty members from the 10 partner institutions have attended the Pro-Green Annual Faculty Meeting held on January 9, 2014 to discuss further updates on

the FEA-approved post graduate diploma in green technologies, training program offered by EU to faculty, and the discussion on a dual/joint diploma among AUB, AUC, and LAU.

- The Masri Institute cosponsors the student awards in energy efficiency and renewable energy as part of the annual International Biodiversity Day at AUB (IBDAA) on April 25, 2014, organized by the Nature Conservation Center. Finally, the Masri Institute held on Friday December 6, 2013 its "Big Data, Big Computing and the Oil Industry: Opportunities for Lebanon and The Arab World." The workshop shed light on the important role of high performance computing, big data and e-infrastructure in the information economy and opportunities in the oil and gas sector in Lebanon and the wider region through presentations by prominent pioneering scholars.

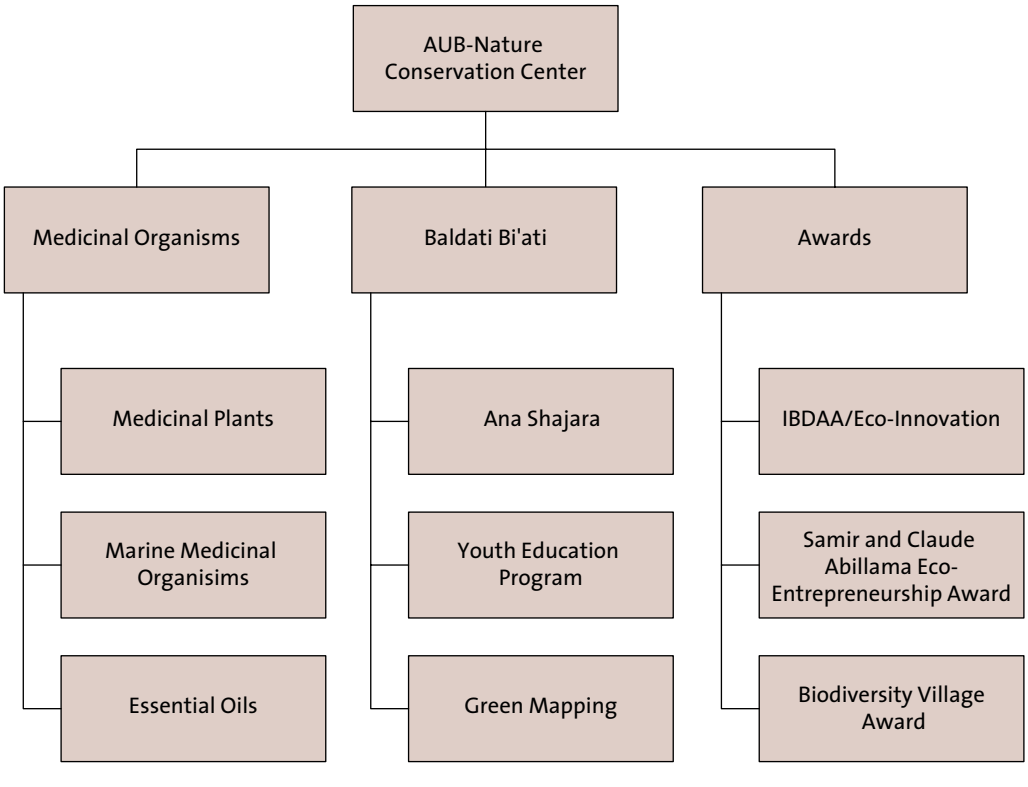
AUB Nature Conservation Center (AUB-NCC)

Mission

To promote the conservation and sustainable use of biodiversity for the purpose of enhancing the well-being 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

Exploring Medicinal Properties in Living Organisms

This program includes Marine Biotechnology (Marex), Medicinal Plants, and Essential Oils. Marex, coordinated by the University of Helsinki, is an EU Commission project that groups 19 partners from 19 different countries. Members of the Marex team collaborate to collect, isolate, and classify marine organisms from the Atlantic, Pacific, and Indian Oceans as well as from the Mediterranean, Baltic, and Arabian Seas, in order to study the potential therapeutic properties of marine resources, while preserving biodiversity. Marex aims to identify more environmentally-conscious marine sources of biotechnology products and increase public awareness about marine biodiversity.

Based on the ancestral Arab knowledge of medicine and the use of cutting edge science and clinical research, the Medicinal Plants Project focuses on characterizing, verifying and validating the beneficial health effects of plants and other natural resources. Researchers at NCC have successfully identified plants and molecules that possess bioactive properties. Many of the plants have roots in traditional Arab medicine and culinary practices. Plants from the region are collected, extracted, and tested for their potential effects on major diseases such as cancer, inflammation, microbial infections, skin diseases, and diabetes as well as their value in nutrition and use for general health purposes. Moreover, the center aims at spreading awareness of medicinal and aesthetic use of essential oils, through its Essential Oils Pproject. At AREC, AUB-NCC is growing a wide variety of essential oil producing plants. Perfumery workshops, covering perfumery principles and distillation techniques, will be held this year. Workshops will attract interested stakeholders, in a fun yet educational ambiance.

Baldati Bi'ati

The Baldati Bi'ati Program consists of three projects.

"Ana Shajara" is one of the most visible and popular of AUB-NCC's projects. Since 2004, more than 50,000 trees and shrubs of 30+ diverse native species have been planted in Lebanon. Ana Shajara works with more than 10 local agencies and nurseries in Lebanon to implement the program. These agencies then work directly with communities to coordinate tree planting. Our program can also help individuals commemorate a special event by

adopting a site or simply planting a number of trees. This year the center will publish its Trees of Lebanon book which compiles a huge amount of information on trees endemic to Lebanon; proceeds from book sales will be used to fund tree planting activities and projects. AUB-NCC's Youth Education Project was established to face the changing lifestyles of children around the globe who are less engaged with outdoor activities. The setbacks result in a diminished use of the senses, attention difficulties, and higher rates of physical and emotional illness. The center addresses both the isolation from nature and the isolation from the other. This sub-program aims to develop a positive experiential learning program where children from different socio-cultural backgrounds are purposefully joined to perform nature-related activities. Such activities revolve around tree planting, enabling community environment, and introducing activities and exercises developed by social scientists to help foster interaction and cooperation among the youth. These activities include Nature Festival, Nature Field, and Community Enabling Activities. The activities were compiled in a School Guide for Extra-Curricular Nature-Related Activities distributed to public schools of Lebanon by the Lebanese Ministry of Education and Higher Education. Green mapping is the third project under Baldati Bi'ati; it emphasizes the important role of municipalities in preserving nature on a local level. The project is a collaborative effort between AUB-NCC and participating villages in order to produce "green maps," maps that reveal a village's main natural and cultural landmarks using internationally recognized environmental icons and identifying the village's significant future projects. Most of the participating villages in this project have preserved traditional environmental activities such as beekeeping, harvesting, and hiking as well as the initiative to develop strategies to sustain their public lands. AUB-NCC has engaged so far 54 municipalities, and as a result of enormous efforts, the center signed an MOU with the Ministry of Tourism (MOT) whereby exchange of knowledge and data will take place. The goal behind the adoption of this project by the MOT is the institutionalization of the center's efforts towards enhancing and supporting eco-tourism through a community participatory approach.

Awards

The center targets AUB students, the population of villages, and the general public through three different awards. The United Nations proclaimed May 22 International Day for Biological Diversity (IBD) to increase understanding and awareness of biodiversity issues. In response to this call, since 2007, AUB-NCC has held IBDAA yearly, International Biodiversity Day at AUB, providing an opportunity for the students to

display their works highlighting the innovative, creative, and leading role of the university community in addressing biodiversity conservation and sustainable utilization. These events include novel natural products for personal, medical, and home use; recycling, innovative approaches to energy conservation and energy production; and creative writing, artistic nature expressions, biological studies, description of habitats and species, as well as various aspects related to the environment, environmental conservation, and environmental health. Student contributions include demonstrations, models, posters, and descriptions of research findings. Student preparations for the event and the event itself raise awareness and promote biodiversity conservation and advocate the sustainable and equitable use of biological resources in Lebanon and the region. IBDAA's collaboration with the private sector has been growing through support and sponsorships. In addition, the center partnered with the Munib and Masri Institute for Energy and Natural Resources for IBDAA 2014.

Every year, 15 to 20 local communities participate in the Biodiversity Village Award program. They engage in a process that seeks to collect and display on a map accessible to the public ecological, social, cultural, and economic information about their village. Four villages are awarded the honorary title for sustainable resources management.

The Samir and Claude Abillama Eco-Entrepreneurship Award is an award presented for the first time this year by the AUB-Nature Conservation Center. It is the MENA region's first academic eco-entrepreneurship award; it aims to drive awareness, promote the green entrepreneurial model, and increase the investment in biodiversity and ecofriendly practices. This eco-entrepreneurship award is an opportunity to initiate innovative and sustainable projects and create job opportunities in Lebanon through supporting young entrepreneurs. It also seeks to provide a platform for networking and collaboration. The award calls upon applicants to submit their eco-entrepreneurial ideas. The application process is divided into two steps: a note on the concept followed by a full proposal if selected. Applications are reviewed in three steps.

A sum of $20,000 is disbursed during the award ceremony to fund the winning eco-business idea. The Samir and Claude Abillama Eco-entrepreneurship Award ceremony was held on June 9, 2014, at the American University of Beirut and drew an elite audience of scholars, investors, stakeholders, and decision-makers from across the region. A keynote speaker was invited to best illustrate the example of eco-entrepreneurship.

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 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 relevant 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:

- 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 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

From 2007 to 2013, two major research projects were initiated at the institute with support from the International Development Research Center (Ottawa, Canada). The first, "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.

Other research projects sponsored by the institute pertain to development and fiscal and monetary issues in Lebanon and the Arab world.

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

The IFI at the American University of Beirut 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 IFI 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.

IFI's main research programs and projects:

Research, Advocacy, and Public Policy-making in the Arab World (RAPP)

The RAPP Program works to forge an Arab contribution to global knowledge about the practice of policy-making. It aims at bridging an existing knowledge gap in policy-making by documenting experiences, replicating successful ones, and assessing and improving weak ones. Its uniqueness lies in being an indigenous effort by a policy research institute in the Arab world, collectively with other institutes in the region, to assess and improve how research is influencing policy-making.

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 United Nations (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 of public policy decisions.

Climate Change and Environment in the Arab World

The Climate Change and Environment in the Arab World Program aims to understand the climate change and environment policy process in the region and to define the most appropriate policy recommendations, by linking development in applied sciences on issues related to climate change and environment, to social sciences. In addition the program aims to develop an information bridge between research and policy-making and to influence national and regional debates in international negotiations on climate change and sustainable development.

Refugee Research and Policy in the Middle East

The Refugee Research and Policy in the Middle East Program aims to collect, support and initiate research relevant to refugees – whether Syrian, Palestinian, Iraqi, or others. It seeks to harness the refugee-related, policy-oriented research of AUB's internationally respected faculty in order to achieve several goals: to enhance the Arab world's input into regional and global refugee issues, to raise the quality of refugee policy-related debate and decision-making in the region, and to enrich the quality of interaction among scholars, officials, international organizations and civil society actors in the Middle East and beyond.

Social Justice and Development Policy in the Arab World

The Issam Fares Institute for Public Policy and International Affairs in collaboration with the Bobst Center for Peace and Justice at Princeton University has launched the Social Justice

and Development Policy in the Arab World research initiative to try to further understand through research the many different meanings of the phrase "social justice" and its social and economic policy implications. The immediate aim of the research initiative is to identify and research the most significant elements of what people throughout the region mean by social justice, and understand how this could influence the newly emerging structures of Arab countries and their economic policies.

Youth in the Arab World

The Youth in the Arab World Program acts as a meeting point, catalyst, and central repository for Arab-international research and policy on youth, by working regularly with researchers, public policy officials, and relevant institutions in the private sector and civil society. As part of its effort to nurture multidisciplinary research, the program is jointly facilitating the AUB Youth Research Working Group with the Faculty of Health Sciences.

Nadim Makdisi Memorial Fund

IFI-AUB received a generous endowment from the Makdisi family to honor the memory of Nadim A. Makdisi, one of Lebanon's most accomplished journalists and publishers. IFI invites annually a prominent or promising recognized journalist or expert in current affairs with particular emphasis on the Middle East to give a public lecture to the AUB community. The fund also annually awards a grant to a graduate student whose thesis covers relevant issues in journalism and current affairs.

The Bill and Sally Hambrecht Distinguished Peacemakers Lecture Series

IFI inaugurated the Bill and Sally Hambrecht Distinguished Peacemakers Lecture Series in October 2007 and in the course of three years, over a dozen speakers who have mediated national and international conflicts have been invited to deliver a public lecture at AUB and meet with conflict resolution practitioners. Lakhdar Brahimi, Jimmy Carter, Alvaro de Soto, and Amre Moussa are a few of the previous speakers in the series.

Writer in Residence

The IFI offers a resident fellowship at AUB for distinguished Arab and international journalists and other writers to complete texts they are working on while also contributing to AUB's academic and intellectual life. The first writer in residence was the late Anthony Shadid, who was followed by Nora Boustany of The Washington Post.

Science and Mathematics Education Center (SMEC)

The overall mission of 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;
- 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 through the performance of a variety of functions. SMEC faculty members conduct research on a variety of topics related to teaching, learning, and teacher professional development in science and mathematics. SMEC faculty also designs and teaches science and mathematics education courses for pre-service teachers at the elementary and secondary levels and master's level graduate students in cooperation with the Department of Education. 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. In addition, the center's faculty members provide in-service professional development for teachers and subject-matter coordinators through special courses, workshops, institutes, conferences, or through participation in professional development initiatives sponsored by AUB or other institutions and organizations. Finally, the center maintains an up-to-date science and mathematics curriculum library for use by pre-service and in-service teaching professionals. For almost two decades now SMEC has continued to organize two high profile annual events:

The Science and Mathematics Educators Conference

In this annual conference, researchers, teachers, coordinators, and school administrators gather to exchange new ideas in the teaching and learning of science and mathematics. World-renowned plenary speakers in science and mathematics education are featured in each year's conference.

The Science, Mathematics, and Technology Fair

In this annual fair, 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. Each year, 25–30 schools from all over Lebanon and beyond participate in the fair.

The American University of Beirut-Tobacco Control Research Group (AUB-TCRG)

The AUB-TCRG was established informally 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 has received grants over the years from IDRC-RITC 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 AUB-TCRG portfolio speaks for itself in terms of research and advocacy efforts. Research focused on the waterpipe as an instrument 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, active participation of members of the group in the second and third WHO FCTC Conference of Parties meeting, 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. In October 2013, the group co-led with New York University in Abu Dhabi the organization of the first International Conference on Waterpipe Tobacco Smoking to review the evidence and recommend actions to curb the waterpipe tobacco pandemic. The conference was attended by more than 100 leading scientists, policy makers, academics, and public health advocates from 18 countries across five continents.
More recently the group was awarded a grant to focus its effort on dissemination and translation of research to policy as well as on building a regional network of researchers involved in tobacco control and more specifically waterpipe tobacco use. At the local level, the grant served to translate research findings and disseminate them to influence public policy. Dissemination of findings will catalyze the tobacco control policy debate and contribute potentially towards moving it to the forefront of the national agenda. At a regional level, AUB-TCRG 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 the national level. An intensified campaign that started in 2009 in partnership with civil society has contributed to strengthening the Tobacco Control Policy framework in Lebanon. In recognition of the group's contribution towards the adoption and passage of the Tobacco Control Law 174 in Lebanon and the ongoing advocacy on this

issue, Dr. Nakkash, coordinator of the AUB-TCRG, was awarded in June 2013 the World Health Organization's World No Tobacco Day 2013 Award, given yearly to individuals or organizations in each of the six WHO regions for their accomplishments in the area of tobacco control. As we increase our research and dissemination capacity locally and regionally, we envision establishing a tobacco control research program at the University to serve Lebanon and the region.

For more information 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 (FM) /

CERTIFICATIONS/ACCREDITATIONS / 93
MISSION STATEMENT / 94
AUBMC 2020 VISION / 94
AUBMC AND FM LEADERSHIP TEAM / 98
FACULTY OF MEDICINE DEPARTMENTS / 98
SPECIALIZED CLINICAL SERVICES/PROGRAMS / 99
FACULTY OF MEDICINE FACULTY / 99
STAFF MEMBERS AT AUBMC AND FM / 100
SAAB MEDICAL LIBRARY / 100

Since 1902, the American University of Beirut Medical Center 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 the three international accreditations of the Joint Commission International (JCI), Magnet and College of American Pathologists (CAP) attesting to its commitment to the highest standards in delivering clinical care and clinical services. 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, Vice President for Medical Affairs and the Dean of the Faculty of Medicine at AUB and Endowed Professor of Medicine and Pediatrics 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 health care professionals in the region are met with the same levels of excellence that AUB has been providing for more than 100 years. AUBMC is considered the main tertiary/quaternary referral medical center in Lebanon and the region. AUBMC operates 359 beds, serving 32,240 inpatients annually. The outpatient facilities receive 333,383 outpatient visits annually (256,319 private, 29,211 outpatient department, and 47,853 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 first medical center in Lebanon to receive JCI accreditation
- Magnet® designation—AUBMC was the first medical center in the Middle East to receive this honor
- College of American Pathologists (CAP)—AUBMC's Department of Pathology and Laboratory Medicine was the first in Lebanon to gain CAP accreditation
- European Group for Blood and Bone Marrow Transplantation—AUBMC's Bone Marrow Transplant
- Accreditation Council for Graduate Medical Education International LLC (ACGME-I)-AUBMC is the first medical center in Lebanon to receive ACGME-I accreditation.

Unit was the first in Lebanon to acquire this accreditation.

Mission Statement

The American University of Beirut Medical Center 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 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 identified to guide AUBMC to achieve this ambitious 2020 vision:

- Providing patients with the highest standards of patient-centered care
- Recruitment of top-caliber, highly specialized, and accomplished faculty
- Innovation through the creation of clinical and research centers of excellence and education
- Establishment and education of strategic partnerships and collaborations locally, regionally, and internationally
- Investing in and expanding facilities to meet the needs of the people of Lebanon and the region

Behind each of the paths are clearly defined goals and key implementation items that, once accomplished, will allow AUBMC to realize its 2020 vision. We would like to share with you the progress that has been made to date along these paths.

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

A main pillar of the 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 to 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.

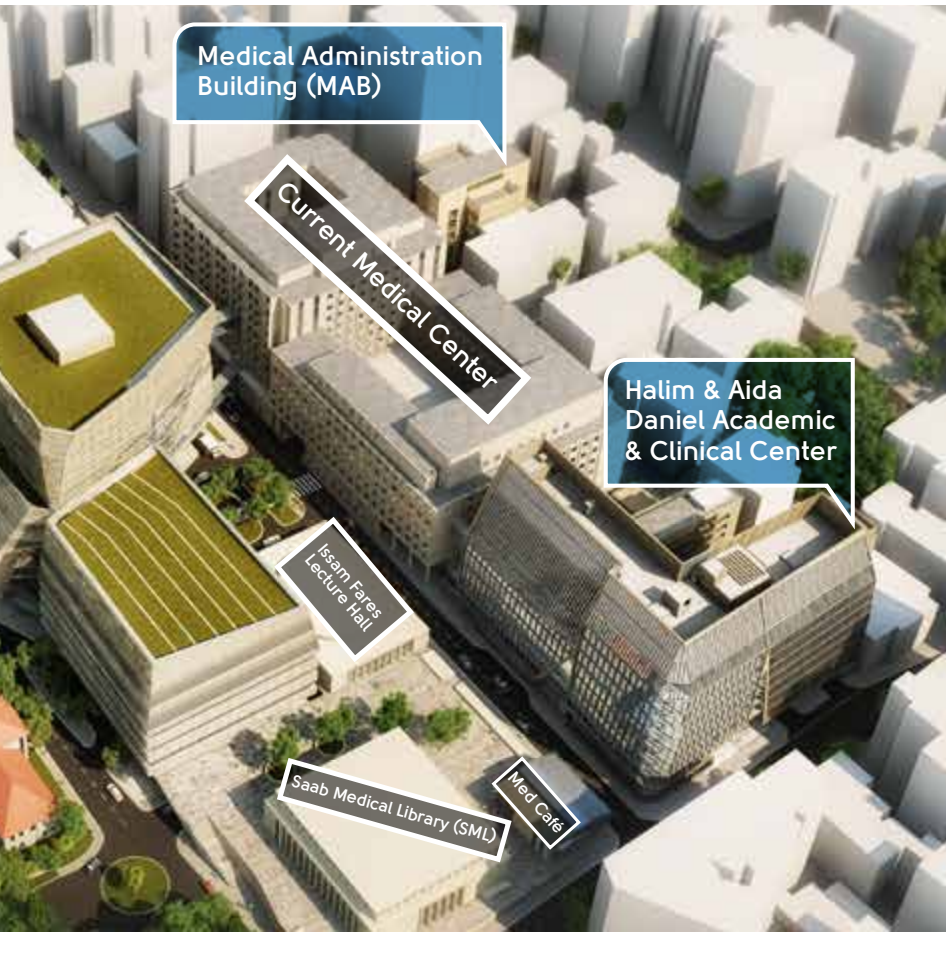
AUBMC Core Values

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 the commitment to them is. AUBMC core values:

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

2. Recruitment of top-caliber, highly specialized, and accomplished faculty; 104 faculty members recruited since Summer 2009

- Unprecedented recruitment
- "Reverse brain drain"
- Top researchers, clinicians, and educators
- 70% recruited from top US institutions
- Across multiple disciplines
- Highly specialized skills
- 72% Board Certified



- 8.3% Professors
- 7.4% Associate Professors
- 55.5% Assistant Professors
- 19.5% Instructors
- 9.3% Adjunct Professors

Specialized skills include

- 19.5% Instructors
- 9.3% Adjunct Professors
- A-Fib Ablation
- Endoscopic Ultrasound
- Laparoscopic Gynecology
- Geriatrics
- Unrelated Allogeneic Bone Marrow Transplant
- Neuro-immunology
- Cardiac Electrophysiology
- Maternal-Fetal Medicine
- Neuromodulation

To name a few.

The impact of new recruits includes

- Improved ability to cater to outreach aligned with vision
- Increased patient access
- Increased volume leading to sustainable revenue growth
- Introduction of unique subspecialties / services to AUBMC

3. Innovation through the creation of clinical and research centers of excellence and 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.

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. To take basic and clinical research at AUB to international standards, five Basic and Translational Research Centers of Excellence are being established in

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

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:

- to be the institute of choice for partnerships
- to assist with capacity building
- to improve access to more patients
- to improve the quality of healthcare in Lebanon and the region
- to foster clinical exchange and collaboration
- to improve training research opportunities
- to support the mission of AUB and AUBMC

Examples of current Local Partnerships:

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

Examples of current Regional Partnerships:

- Damascus Cardiovascular Center, Inactive, put on hold due to current situation in Syria

- United Nations Relief and Works Agency, Inactive—UNRWA works with us on project-based agreements

- MCTH – Iraq Medical City Teaching Hospital, Active

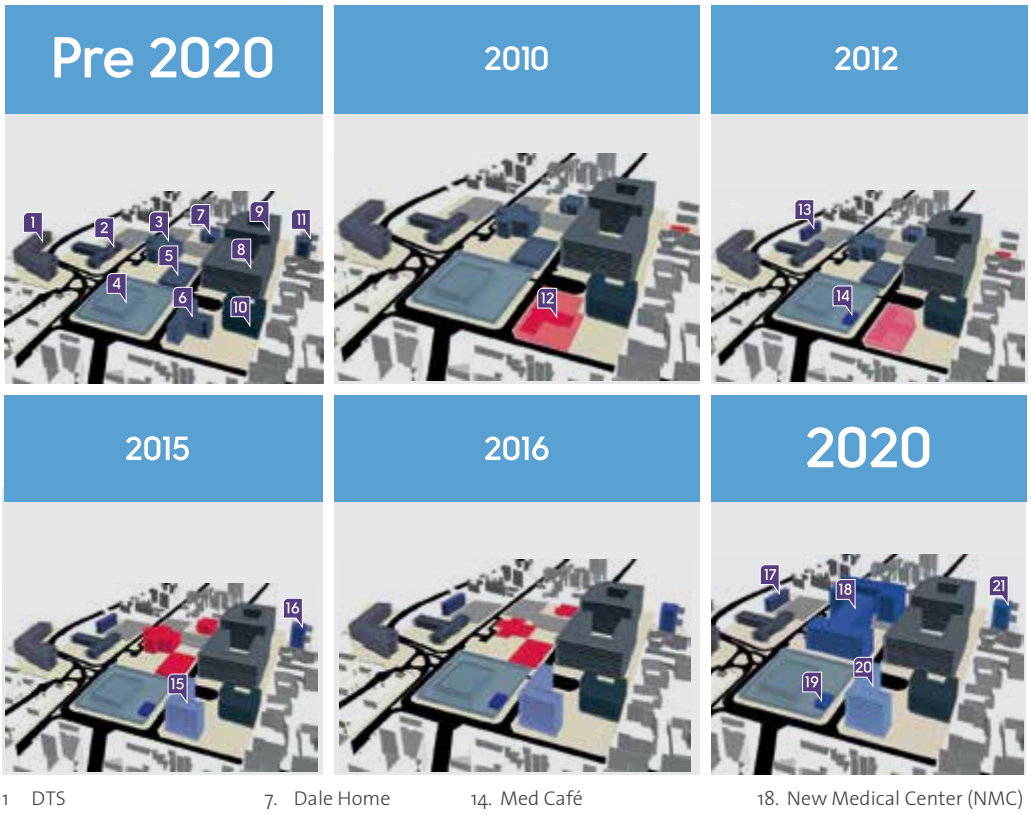
Over the past three years, these partnerships have offered AUBMC the opportunity to cater to its patients at various sites and to care for new patients at these hospitals as well as to share complementary diagnostic services and

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 the Keserwan Medical Center (KMC) is unique as it 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.

5. Investing in and expanding current 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 six years. Here is the progress of the AUBMC 2020 Medical Complex in pictures.

AUBMC 2020 Medical Complex



1 DTS
2. Pierre Y. Abou Khater (Fahed) Building
3. Building 56
4. SML
5. Issam Fares Lecture Hall
6. Faculty I
7. Dale Home
8. Phase I
9. Phase II
10. HSON
11. Salloum Building
12. Parking
13. Wassef & Souad Sawwaf Building
14. Med Café
15. Halim & Aida Daniel Academic & Clincal Center
16. Medical Administration Building (MAB)
17. Wassef & Souad Sawwaf Building
18. New Medical Center (NMC)
19. Med Café
20. Halim & Aida Daniel Academic & Clincal Center
21. Medical Administration Building (MAB)

*Demolished *New Construction Buildings

AUBMC and FM Leadership Team

- Dr. Mohamed H. Sayegh
  Raja N. Khuri Dean,
  Faculty of Medicine and Vice President of Medical Affairs
- Dr. Ziyad B. Ghazzal
  Deputy VP/Dean and Associate Dean of Clinical Affairs
- Dr. Ali Bazarbachi
  Associate Dean of Basic Research
- Dr. Fadi Bitar
  Associate Dean of External Medical Affairs
- Dr. Ghassan Hamadeh
  Associate Dean of Ambulatory Programs, IT and CME
- Dr. Ghazi Zaatari
  Associate Dean of Faculty Affairs
- Dr. Kamal Badr
  Associate Dean of Medical Education
- Dr. Samia Khoury
  Associate Dean of Basic and Translational Research
- Dr. Adnan Tahir
  AUBMC Director/ Chief Medical Officer
- Dr. Hassan El Solh
  AUBMC Chief of Staff
- Dr. Dania Baba
  Chief Operating Officer
- Walid Uthman
  Chief Financial Officer of AUBMC

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

Specialized Clinical Services/Programs

Multiple services were established to meet the needs of patients. These services target health areas prevalent or important to Lebanon and allow AUBMC to lead the delivery of patient care through 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)
- Calcium Metabolism and Osteoporosis Program-Bone Density Unit
- Balance 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 Diseases Program
- International Patients' Services
- Mamdouha El-Sayyed Bobst Breast Unit
- Mikati Foundation Hepatopancreaticobiliary and Liver Transplantation Unit
- Preventive Cardiology Clinic
- Pulmonary Rehabilitation Program
- Women's Health Center
- Wound Care Center

Faculty of Medicine Faculty

Faculty	
Assistant Professors	102
Associate Professors	72
Full Professors	97
Full- and Part-time Instructors	28
Emeritus and Adjunct Faculty	31
Total Faculty	**330**

Trainees: 329 resident physicians and 59 postdoctoral fellows

Staff Members at AUBMC and FM

Staff	
FM	102 non-academic staff, 216 resident assistants
AUBMC	2,680

SAAB Medical Library

A partner of the AUB healthcare team, the library 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 provide professional services to users.

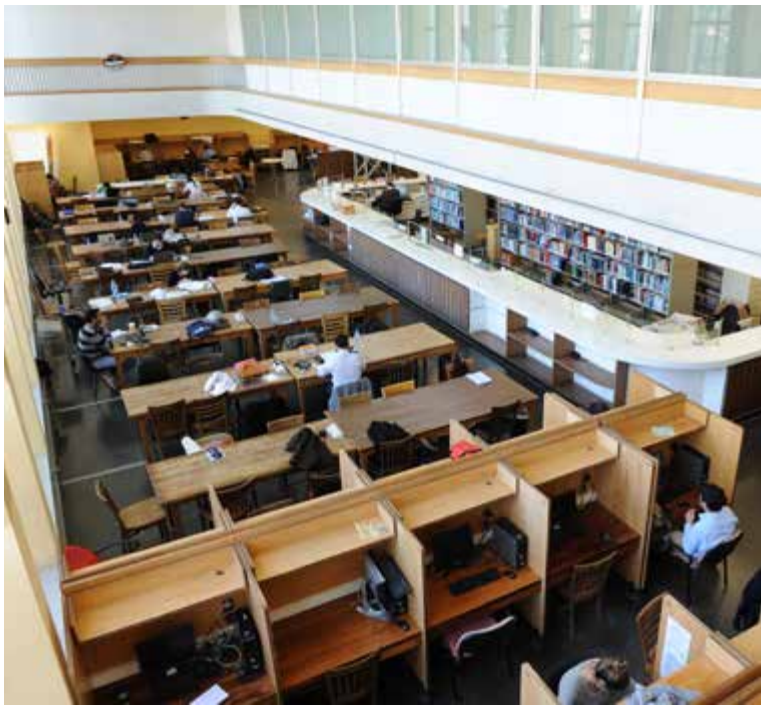
Collections

- 35 databases
- 5,000 e-journals
- 5,000 e-books
- 20,000 print books

Special Collections

- 2,000 Hardcopy Historical Books
- 22 Digitized History of Medicine Collection
- Lebanon Hospital for the Insane (Asfouriyeh) annual reports, photos, etc...
- Avicenna's Book of Canon, 1593, with translated Table of Contents and Index and links to original text.
- Old AUB pharmacy hand-written theses 1897–1919
- MD Theses 1928–1931
- Theses 840 (print and on-line)
- Tamir Nassar's Histology Instructional Posters, 1930s and 1940s

Lebanese Corner: repository of Lebanese medical publications (9,000 documents)
A valuable resource for researchers interested in health in Lebanon as it houses mainly grey literature not captured anywhere else.
Evidence By Specialty: a collection of latest EBM documents by subject specialty.



ALUMNI /

WORLDWIDE ALUMNI ASSOCIATION OF THE AMERICAN UNIVERSITY OF BEIRUT (WAAAUB) / 102

INTERNATIONAL BOARD OF OVERSEERS / 106

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

AUB Alumni Facts and Figures

(Updated January 2013)

- Total number of living alumni: 58,036
- Total number of alumni with at least one form of contact information = 44,552 or 77%

Alumni Distribution by Region

- Europe: 2.5%
- Lebanon: 45.6%
- MENA: 11.1%
- North America: 9.0%
- Rest of World: 0.7%
- Unknown: 31.1%

Alumni Distribution by Faculty

Faculty	Number	Percentage
FAS	25,996	43%
FAFS	4,125	7%
FEA	10,811	18%
FHS	2,832	5%
OSB	10,108	17%
Medicine	4,614	8%
Nursing	1,978	3%
Total	60,464	100

Alumni Distribution by Decade

- 1920–60: 8.4%
- 1961–70: 9.2%
- 1971–80: 12.9%
- 1981–90: 16.3%
- 1991–2000: 16.6%
- 2001–13: 36.6%

Board of Trustees Members elected by AUB Alumni

- Ayman Kichly
- Ghaleb Daouk
- Tawfik Zein

alumnibot@aub.edu.lb

WAAAUB Board of Directors

board-of-directors@waaaub.org

- Nabil Dajani, President
- Nadim Maluf, Vice President
- Nabil M. Kronfol, Secretary
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- Nour Bitar
- Armineé Choukassizian
- Samir El Hage
- Ahmad El Khatib
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- Samer Hamadeh
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- Lamia Husseiny
- Alia Ibrahim
- Aline Kahwaji
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- Salah Saliba
- Myrna Semaan
- Nadim Tabbal
- Hadi Tabbara
- Amira Tabsh
- Tracy Nasr Yaacoub
- Nadine Abdulhay Zahabi
- Tarek Zebian

Europe

- Eyad Abushakra
- Nour Abou Jaoude
- Christina Bilalian
- Dina Bseiso
- Leila Buheiri
- Dianne Cotran
- Akram Saadeh
- Maybel Saleh
- Tania Salem
- Mohammad Zakaria Hassan Siblini
- Athanasia (Soula) Zavou

MENA

- Wael Abdul Malak
- Joseph A. M. Akhras
- Abdallah Darwish
- Jean C. Eid
- Roger Feghali
- Michel Hage
- Ziad Hamzeh
- Roula Harb
- Raghda Kurdi Katkhuda
- Flare Zawati Majali
- Suha Eid Takieddine
- Mona Yassine

North America

- Karl Barbir
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- Khalil Diab
- Roula Doughan
- Joseph El Khoury
- Aline Mikhael El Zakhem
- George Ephrem
- Samia Hazim
- Jeffrey G. Karam
- Sana Tannoury Karam
- Maya E. Khezam
- Bassam Omari
- Dilara El-Assaad Rodriguez
- Hanan Shuja' Saab
- Fady Sharara
- Ahmad Shibel
- Nada Tamim
- Ramzi Zein

Rest of World

- Kishore Kumar Jha
- Nadia Jaroush de Massud
- Marilyn C. Truscott

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- WAAAUB Nursing Chapter
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- WAAAUB Pharmacy Chapter
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- WAAAUB Computer Science Chapter
  Wadi' Tueini – President

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- WAAAUB Jeddah Chapter
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  Alghanim International Corp Ltd.
  Kuwait

- **HE Badr Al Humaidhi**
  Former Minister of Finance
  Kuwait

- **Rachid Al Miraj**
  Governor
  Central Bank of Bahrain
  Bahrain

- **Sabah Almoayyed**
  General Manager
  The Housing Bank
  Bahrain

- **Faisal Al Mutawa**
  Vice President and Managing Director
  Ali Abdulwahab Sons & Co.
  Kuwait

- **Saad Azhari**
  Vice Chairman and General Manager
  BLOM Bank
  Beirut, Lebanon

- **Hisham Al Razouki**
  Former Chief Executive Officer
  and General Manager
  Gulf Investment Corporation
  Kuwait

- **Nabil Bustross**
  Chairman and CEO
  Midis Group Ltd
  Beirut, Lebanon

- **Said Darwazah**
  CEO
  Hikma Pharmaceuticals
  Amman, Jordan

- **Fawzi Farah**
  CEO
  Corporate Finance House
  Lebanon

- **Nehmat Frem**
  General Manager
  INDEVCO
  Lebanon

- **Fadi Ghandour**
  President/CEO
  ARAMEX
  Jordan

- **Abdul Hamid Hallab**
  Special Advisor to the President
  AUB

- **Marwan Kheireddine**
  General Manager
  Almawared Bank
  Lebanon

- **Usama Mikdashi**
  Central Bank
  Beirut, Lebanon

- **Murad Ali Murad**
  Chairman of the Board
  Bank of Bahrain and Kuwait
  Bahrain

- **Nehmeh Sabbagh**
  Executive General Manager
  Arab Bank
  Amman, Jordan

- **Constantin Salameh**
  CEO
  Al-Ghurair Group
  Abu Dhabi, UAE

- **Elia Samaha**
  General Manager/Head of Regional
  Expansion
  Audi-Saradar Group
  Lebanon

- **Talal Shair**
  Chairman/CEO
  Dar Al Handasah, Shair & Partners
  Beirut, Lebanon

- **Antoine Wakim**
  Chairman/CEO
  Société Nationale d'Assurance Sal
  Beirut, Lebanon

- **May Makhzoumi**
  President
  Makhzoumi Foundation
  Beirut, Lebanon

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