

AMERICAN UNIVERSITY
OF BEIRUT

FACT BOOK

2012-13

Office of Institutional Research and Assessment

OIRA





AMERICAN UNIVERSITY
OF BEIRUT

FACT BOOK
2012–13

Office of Institutional Research and Assessment

OIRA

Preface	5
----------------------	----------

1

General Information

Mission Statement	7
History	7
Presidents of the University	8
Board of Trustees	9
Trustees Emeriti	10
International Advisory Council	10
Statement of Accreditation Status (SAS)	11
Strategic Planning	12
Organization Chart	14

2

Students

Enrollment by Faculty and Percent of Enrollment by Gender	17
Enrollment by Residency	17
Graduation and Retention Rates by Faculty	17
Tuition Fees 2012–13	18
Student Financial Aid—University Summary	20
Student Academic Achievement	20
First Year's Admission Profile by Faculty	20
Applications, Acceptances and Enrollments by Faculty and Level	21
Distribution of International Students by Faculty	21

3

Academic Programs and Degrees Awarded

Undergraduate and Graduate Degrees by Faculty, Degree and Gender	23
Average Class Size by Faculty and Department	24
Degrees Awarded by Faculty	25

4

Faculty and Staff

Faculty by Gender, Full-time, Part-time, and Highest Degree Held	29
Summary Analysis on Academic Remuneration for Appointees on 9-month Contract	29
Summary Analysis of Non-academic Salaries	29

5

Financial Information

Financial and Operating Expenditures 2011–12	31
--	----

6

Physical Facilities

Major Campus Buildings	33
AUB Campus Map	37
Student Residence Halls	38

7 Services

Academic Services.....	41
Administrative Services Office.....	48
Community Services.....	49

8 Research Centers and Programs

Agricultural Research and Education Center (AREC).....	59
Center for Advanced Mathematical Sciences (CAMS).....	60
Center for Arab and Middle Eastern Studies (CAMES).....	62
The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR).....	65
Center for Behavioral Research (CBR).....	67
Center for English Language Research and Teaching (CELRT).....	67
Center for Research on Population and Health (CRPH).....	68
Energy Research Group (ERG).....	68
The Environment and Sustainable Development Unit (ESDU).....	69
AUB—Nature Conservation Center (AUB-NCC) formerly known as (Ibsar).....	70
Institute of Financial Economics (IFE).....	72
The Issam Fares Institute for Public Policy and International Affairs (IFI).....	73
Science and Mathematics Education Center (SMEC).....	76

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

Certifications/Accreditations.....	80
Mission Statement.....	80
AUBMC 2020 Vision.....	80
Path 1: The New AUBMC 2020 Medical Complex.....	81
Path 2: Recruitment of top-caliber, highly specialized and accomplished faculty.....	82
Path 3: Relentless focus on understanding the patient and his/her changing needs.....	82
Path 4: Innovation through the creation of centers of excellence.....	82
Path 5: Commitment to the academic and research mission of the Faculty of Medicine and AUBMC.....	84
Path 6: Establishment of strategic partnerships and collaborations locally, regionally and internationally.....	85
AUBMC AND FM Leadership Team.....	86
Departments.....	86
Specialized Clinical Services/Programs.....	86
Faculty.....	87
Staff Members at AUBMC and FM.....	87
SAAB Medical Library.....	87
Lebanese Corner: repository of Lebanese medical publications (9000 documents).....	87

10 Alumni

Worldwide Alumni Association of the American University of Beirut (WAAAUB).....	89
International Board of Overseers.....	93

PREFACE



It is with great pleasure that I present the American University of Beirut (AUB) Fact Book 2012–13.

The AUB Fact Book is a special annual report published by the Office of Institutional Research and Assessment (OIRA). In recent years, it has highlighted a theme of particular importance to the University. This year we have selected the “Student Personal Point of View” focusing on AUB’s diverse and vibrant student body, campus life and experience, and the rich co-curricular educational activities.

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

A University Fact Book fulfils several purposes:

- Data Resource: a fact book encapsulates important and historical data about a university and its operation as an academic institution.
- Decision-Making Reference: a fact book provides base line data and comparative figures.
- Planning Resource: a fact book furnishes past and present information to help to identify those areas where work is needed to fulfill an institution’s mission and achieve its goals.
- Self-Study Reference: a fact book provides valuable data pertaining to institutional and programmatic accreditation, grant applications, and external reports.

Your comments and suggestions are welcome along with feedback about the usefulness of the AUB Fact Book.

We are grateful to the many departments and individuals who provided data for this book.

Karma El Hassan PhD, Director

Office of Institutional Research and Assessment (OIRA)

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

The AUB Fact Book is also available in PDF format for downloading from the web as a complete book or in sections. An Adobe Acrobat Reader is required in order to download the electronic version.

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

GENERAL INFORMATION



Mission Statement.....	7
History.....	7
Presidents of the University.....	8
Board of Trustees.....	9
Trustees Emeriti.....	10
International Advisory Council.....	10
Statement of Accreditation Status (SAS).....	11
Strategic Planning.....	12
Organization Chart.....	14

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 of 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

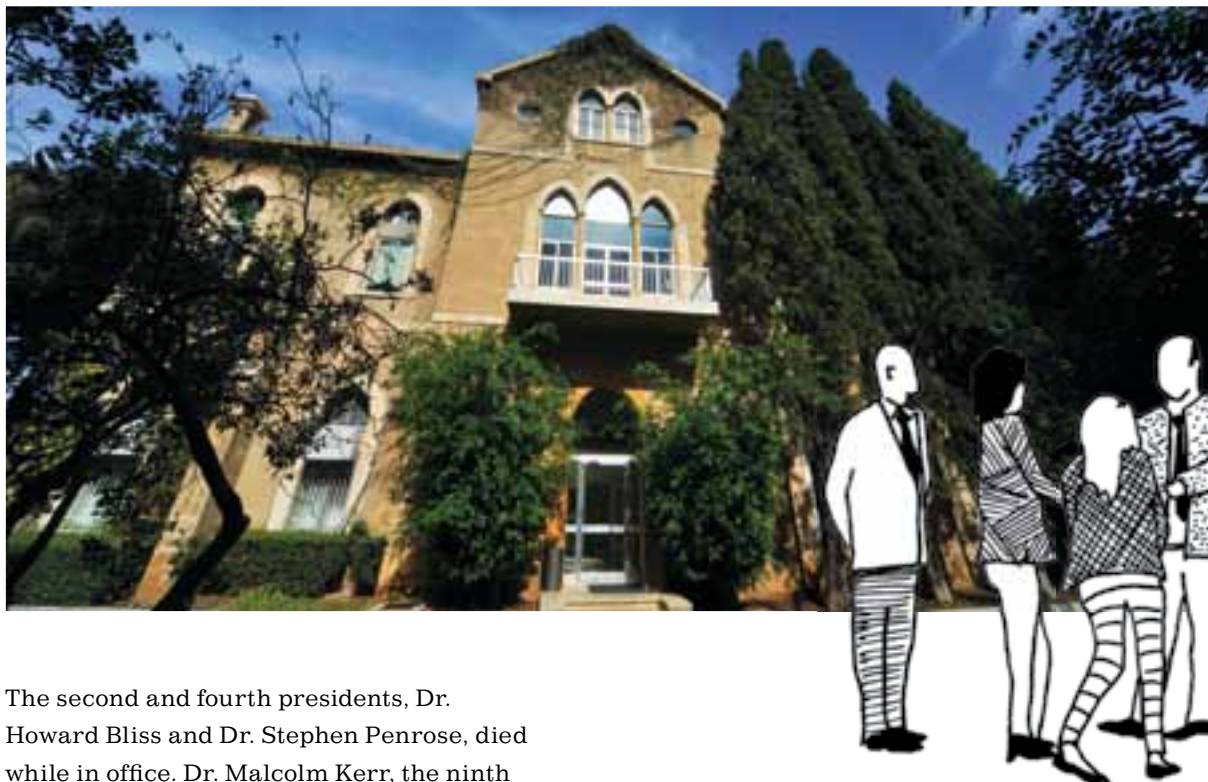
S. Olayan School of Business. When the hospital (currently the American University of Beirut Medical Center) opened in 1905, a school of nursing – today the Rafic Hariri School of Nursing – was also established. In 1910 the University opened a School of Dentistry, which operated for thirty years. In 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
- Mr. Norman Burns 1961–65
- Dr. Samuel B. Kirkwood 1965–76
- James Cowan, PhD 1976–77 (interim)
- Harold E. Hoelscher, PhD 1977–81
- Mr. 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
- Mr. David S. Dodge 1996–97
- John Waterbury, PhD 1998–2008
- Peter F. Dorman, PhD 2008–present



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

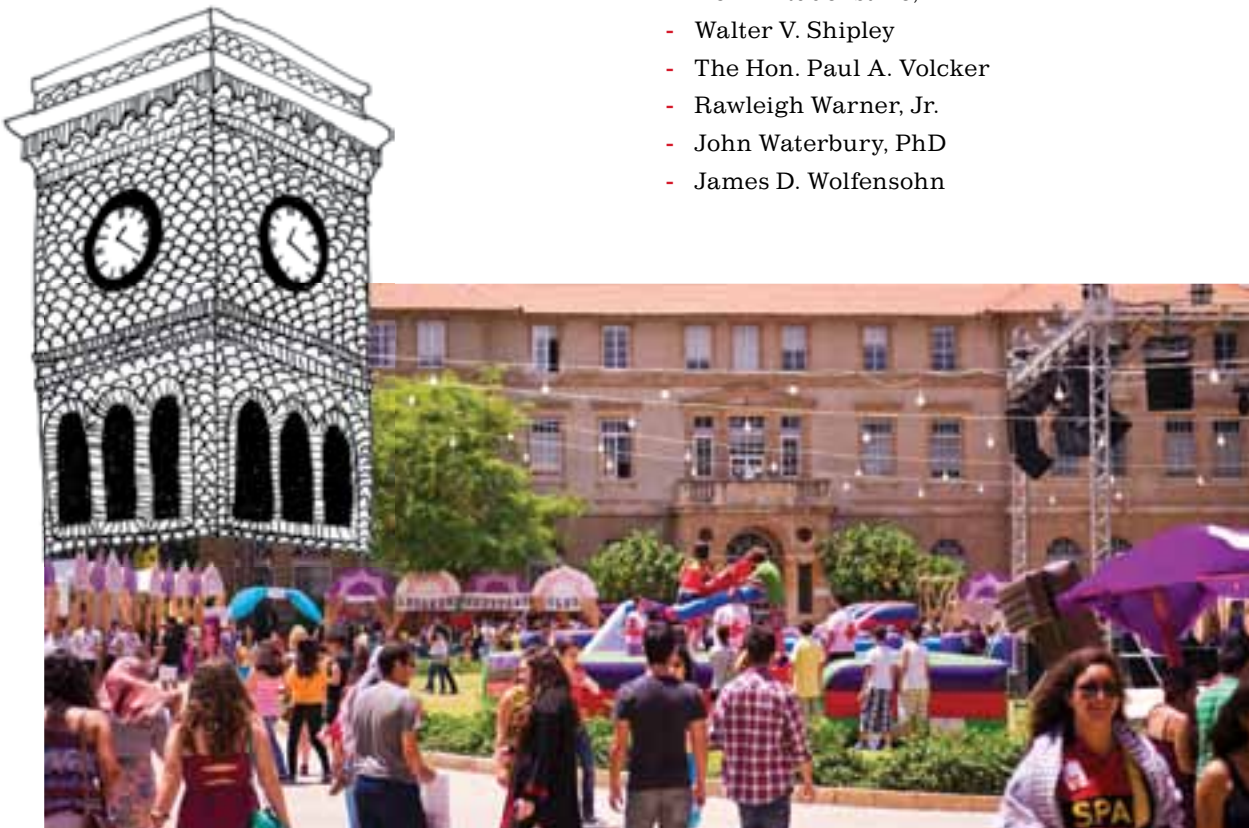
- Ibrahim S. Dabdoub
- Said Samih Darwazah
- Michael I. Fares
- Carlos Ghosn
- Randa El-Sayed Haffar
- HE Saadeddine Rafic Hariri
- Abdulsalam Haykal
- Farouk Kamal Jabre
- Linda Jacobs, PhD
- Dr. Jafar J. Jafar
- Riad B.T. Kamal
- Rima Khalaf-Hunaidi, PhD
- Dr. Joseph B. Martin
- Jacques P. Merhab
- Fawzi Melhem
- HE Najib Mikati
- Marwan Muasher, PhD
- Dr. Nawal Nour
- Gabriel M. Rebeiz, PhD
- Sana H. Sabbagh
- Talal Shair
- Frank G. Wisner
- José A. Zaglul, PhD
- Najat Zarour
- Dr. Tawfik Zein
- Dr. Huda Y. Zoghbi
- Philip S. Khoury, Chairman, PhD
- Ray R. Irani, Co-Chairman, PhD
- Peter F. Dorman, President of the University, PhD
- Dr. David R. Bickers, Vice Chairman for Medicine and Health
- B. Philip Winder, Vice Chairman
- Hutham S. Olayan, Vice Chairman
- Nemeh Sabbagh, Treasurer
- Eileen F. O'Connor, Secretary of the University
- Abdulla Al-Athani, PhD
- Omar Alfardan
- Ayman Asfari
- Carol Bellamy
- Myrna Bustani
- Walid A. Chammah
- W. Ronnie Coffman, PhD

Trustees Emeriti

- Abdul Mohsen Al-Qattan
- Robert M. Borden
- C. William Carson, Jr.
- Paul J. Collins
- Richard A. Debs, PhD
- Alfred C. DeCrane, Jr.
- HE Salim El-Hoss, PhD
- Alexander T. Ercklentz
- Alexander S. Geha
- Ali I. Ghandour
- Dr. Frederic P. Herter
- Martha S. Joukowsky, PhD
- Herant Katchadourian, PhD
- Ann Z. Kerr-Adams
- Nicola N. Khuri, PhD
- Sandy A. Mactaggart
- Munib R. Masri
- Dr. Thomas Q. Morris
- Ambassador Richard W. Murphy
- HE Leila Sharaf
- Dr. Theodore B. Van Itallie
- James Wei, PhD

International Advisory Council

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

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); and 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.

Strategic Planning

Since embarking on its first formal strategic planning cycle in 2004, AUB has formulated guidelines for key institution-wide issues; individual academic and administrative units have developed plans aligned with those guidelines and then distilled their plans and initiatives into a Campus and a Medicine overview. These overviews, as well as major recommendations from AUB's 2008 Institutional Self-Study which was conducted in accordance with the accreditation standards of the Middle States Commission of Higher Education, have all been merged into a comprehensive strategic plan that was approved by the Board of Trustees. The Office of Strategy Management (OSM) has developed the performance management process to monitor the University's progress in achieving its strategic goals. This monitoring process is conducted annually in a series of Strategy Review meetings attended by the university senior administrators. At the end of the first strategic planning cycle (AY 2006-2011), OSM and a group of analysts from various units developed a document that includes the trend line of the KPIs during the five years of that first cycle, the progress made towards implementing the plans and recommendations for corrective actions wherever such actions are needed.

Furthermore, the Office of Strategy Management designed the process for a second strategic planning cycle, and its development started in December 2010. During this second cycle, the University's academic units developed plans that internalize the various assessments made during the first planning cycle and that respond to the challenges facing the institution. These individual academic units plans were reviewed and amalgamated into a comprehensive academic plan by the Provost's

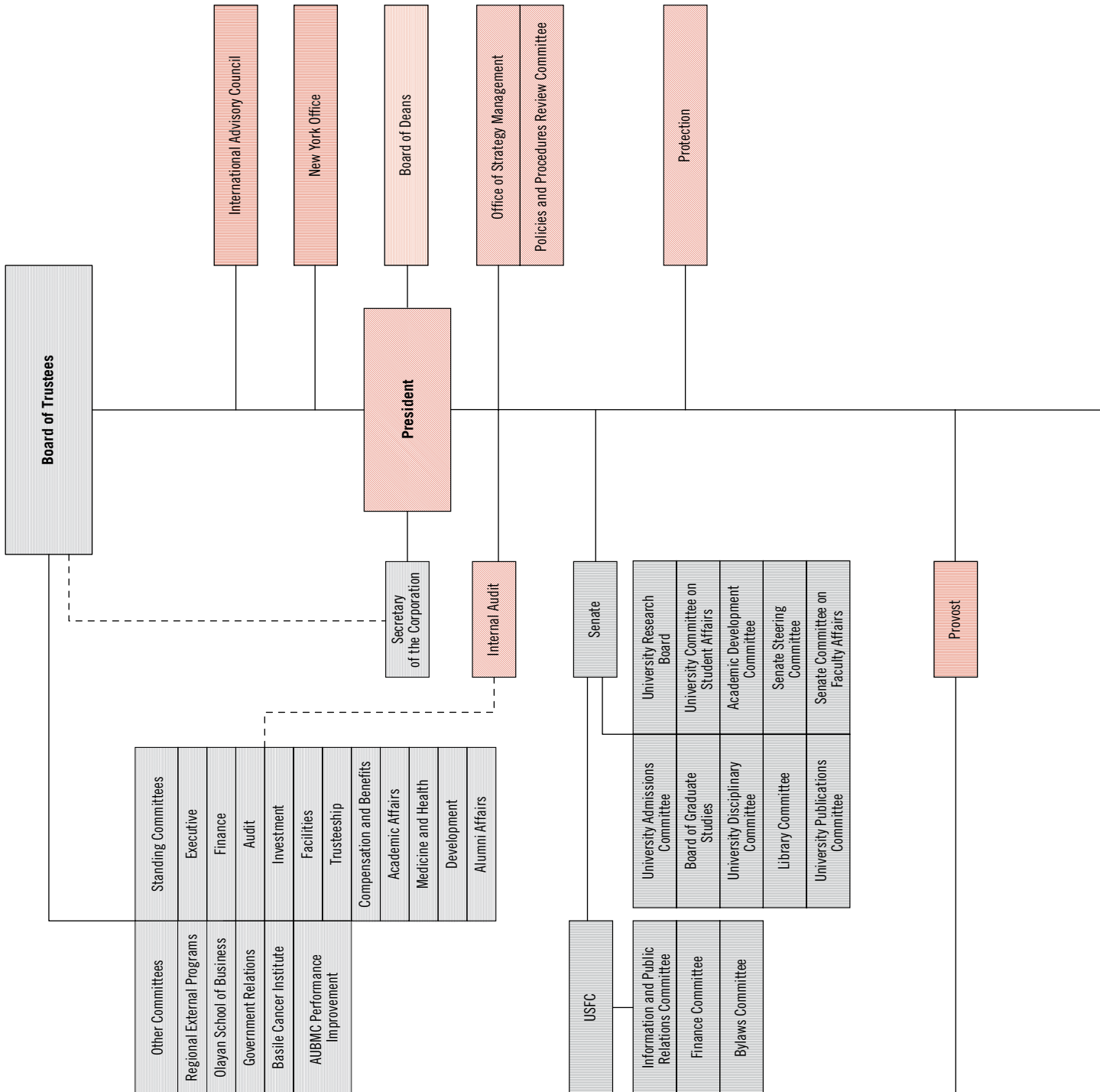
Office. The institution's administrative units are in the process of developing enabling plans that support the implementation of the academic plan. The academic plan together with the enabling plans will be quantified and prioritized in order to strengthen the linkages between planning and budgeting.

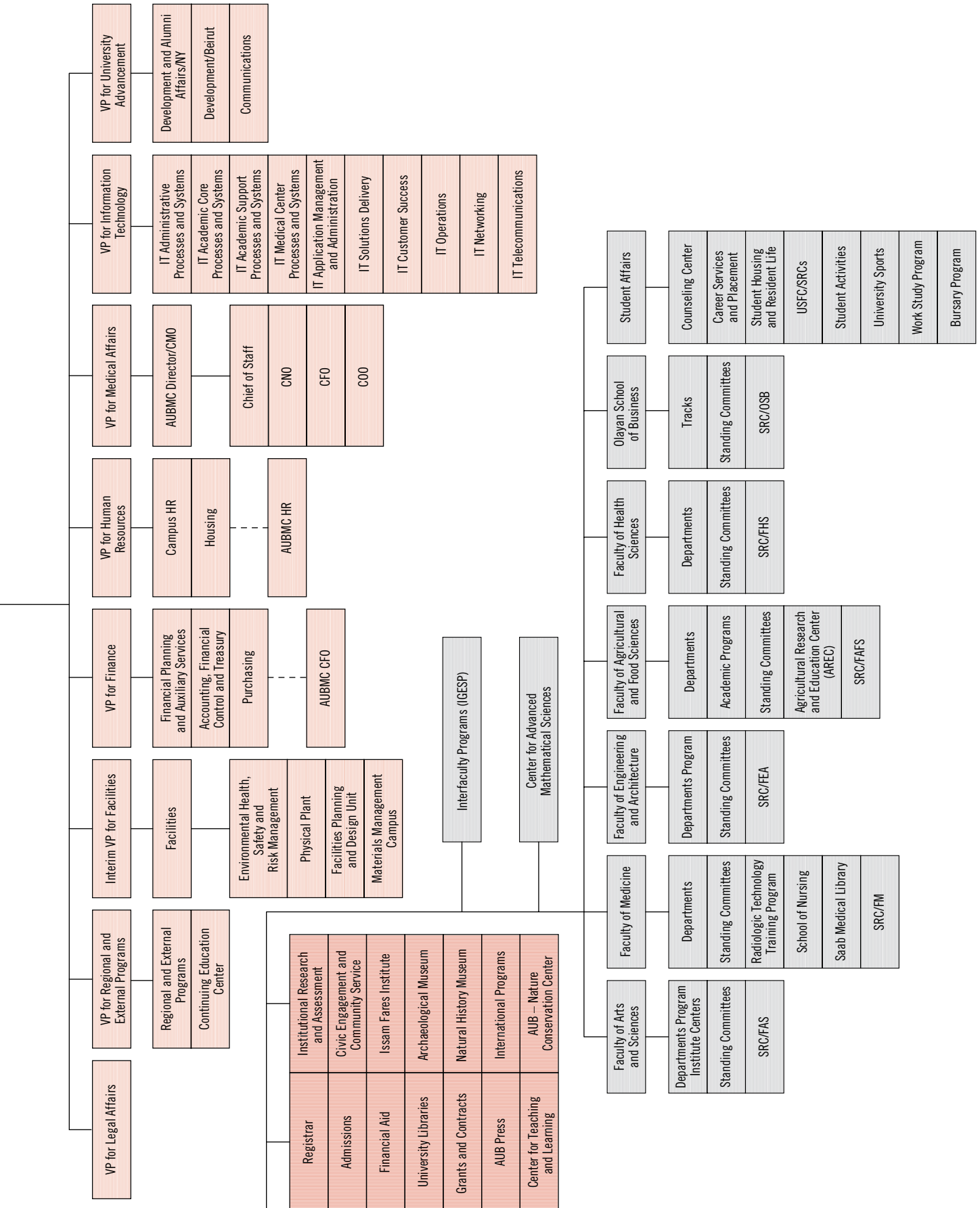




AUB Choir and Choral Society traditional Christmas performance outside Assembly Hall

Organization Chart







STUDENTS



Enrollment by Faculty and Percent of Enrollment by Gender	17
Enrollment by Residency	17
Graduation and Retention Rates by Faculty	17
Tuition Fees 2012–13	18
Student Financial Aid – University Summary	20
Student Academic Achievement	20
First Year's Admission Profile by Faculty	20
Applications, Acceptances and Enrollments by Faculty and Level	21
Distribution of International Students by Faculty	21

Enrollment by Faculty and Percent of Enrollment by Gender

Fall 2012–13

Faculty	Enrollment	Female%	Male%
Undergraduate level			
FAFS	493	73.63	26.37
FAS	2717	50.39	49.61
FEA	1938	33.69	66.31
FHS	215	68.37	31.63
NU	163	80.37	19.63
OSB	1046	57.36	42.64
Graduate level			
FAFS	96	83.33	16.67
FAS	388	68.81	31.19
FEA	300	38.00	62.00
FM	49	85.71	14.29
FHS	140	82.14	17.86
NU	50	76.00	24.00
OSB	159	47.17	52.83
Post Graduate level			
FAS	24	83.33	16.67
FEA	52	46.15	53.85
FM	3	66.67	33.33
Professional			
FM	338	42.01	57.99

Enrollment by Residency

	Lebanese	Arab World	Europe	USA	Others
Undergraduate	4833	1434	34	101	170
Graduate	1000	51	23	98	89
Professional	312	1		16	9
Total	6145	1486	57	215	268

Graduation and Retention Rates by Faculty

Faculty*	Graduation Rate (%)**	Retention Rate (%)***
FAFS	78.57	95.58
FAS	77.46	90.54
FEA	90.82	97.35
FHS	84.06	91.18
Nursing	80	96.77
OSB	95.77	97.65
AUB	83	93.24

* 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; Nursing: Rafic Hariri School of Nursing; OSB: Suliman S. Olayan School of Business.

** Graduation rate is the percentage of the initial 2006 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 2011 (or the preceding summer term) and were enrolled fall 2012.





Tuition Fees 2012–13

July, 2012

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	863,000	572
Humanities and Social Sciences	839,000	556
Sciences	889,000	590
Financial Economics	1,023,000	678
Faculty of Agricultural and Food Sciences	904,000	599
Faculty of Engineering and Architecture	1,002,000	664
Faculty of Health Sciences	933,000	619
Suliman S. Olayan School of Business	970,000	643
Rafic Hariri School of Nursing	718,000	476

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	1,076,000	714
Sciences	1,114,000	739
Financial Economics	1,164,000	772
Faculty of Agricultural and Food Sciences	1,194,000	792
Faculty of Engineering and Architecture	1,255,000	832
Faculty of Medicine	1,217,000	807
Faculty of Health Sciences	1,184,000	785
Suliman S. Olayan School of Business	1,218,000	808
Rafic Hariri School of Nursing	985,000	653

Master's Thesis or Dissertation Fees

Faculty	AUB Students		Non-AUB Students	
	Lebanese Pounds	US Dollars	Lebanese Pounds	US Dollars
Humanities and Social Sciences	7,747,200	5,137	8,392,800.00	5,566
Sciences	8,109,920	5,378	8,757,840.00	5,808
Agricultural and Food Sciences	8,608,740	5,709	9,637,680.00	6,391
Engineering	8,960,700	5,942	9,993,360.00	6,627
Medical Sciences	9,310,050	6,174	10,332,400.00	6,852
Health Sciences	8,655,040	5,739	9,647,040.00	6,397

PhD Dissertation Fees (per credit)		
Faculty	Lebanese Pounds	US Dollars
Humanities and Social Sciences	1,076,000	714
Sciences	1,114,000	739
Engineering	1,255,000	832

Undergraduate Program Fees		
Program	Lebanese Pounds	US Dollars
Faculty of Arts and Sciences		
<i>Intensive English Program</i>	10,071,000.00	6,678
<i>University Preparatory Program</i>	7,773,000.00	5,155
Faculty of Engineering and Architecture		
<i>Summer Training</i>	1,002,000.00	664
Faculty of Medicine		
<i>First Year</i>	44,786,000.00	29,699
<i>Second Year through Fourth Year</i>	43,949,000.00	29,144
<i>X-ray Technician Training (AUBMC)</i>	1,711,000.00	1,135
Faculty of Health Sciences		
<i>Summer Environmental Field Training Program</i>	1,639,000.00	1,087
<i>Cross Registration or Auditors (per credit)</i>	549,000.00	364

Graduate Program Fees		
Program	Lebanese Pounds	US Dollars
Faculty of Health Sciences		
<i>MPH Program: Full time students (per semester)</i>	15,728,000.00	10,430
<i>Practicum (per credit)</i>	709,000.00	470

Other Information

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

Dorm Fees, as established by the Student Affairs					
On campus	Lebanese Pounds	US Dollars	Off campus (Mayfair)	Lebanese Pounds	US Dollars
Double room	1,942,000	1,288	Double room	2,779,000	1,843
Semi-private room	2,398,000	1,590	Private room	4,909,000	3,255
			Suite double	5,260,000	3,488

	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		
<i>For twelve months beginning with October registration</i>	468,000	310
<i>For one semester and summer session beginning with February registration</i>	351,000	233
<i>For one summer session</i>	234,000	155
NSSF fee per student per year	202,500	134
Late registration fee	150,000	100
Deferred Payment application fee	50,000	33
Internet Fee per student per semester	165,880	110
Internet Fee per student Summer	82,940	55

Student Financial Aid—University Summary

	Need-based ¹ (Includes non-need-based aid use to meet need) \$	Non-need-based ² (Excludes non-need-based aid use to meet need) \$
Scholarships/Grants		
Institutional: endowed scholarships, annual gifts and tuition funded grants, awarded by the college, excluding athletic aid and tuition waivers (which are reported below)	15,716,358	581,184
Total Scholarships/Grants	15,716,358	581,184
Self-Help ³		
Student loans from all sources (excluding parent loans)	1,787,227	
State and other (e.g., institutional) work-study/employment (Note: excludes Federal Work-Study captured above)	56,627	
Total Self-Help	1,843,854	
Parent Loans	20,500	

- 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 2011–12 Registered Students

Faculty	Freshman	Sophomore	Junior	Senior	4th Year	5th Year	ALL
FAFS		76.1	77.9	78.3	80.1		77.7
FAS	76.3	77.3	78.6	79			77.9
FEA		79.4	79.5	80.3	80.3	80.2	79.9
FM			66.1				66.1
FHS		77.3	78.1	78.5			77.9
Nursing		75.1	78.6	79.1			76.7
OSB		77.4	78.2	78.8			78.2
Average	76.3	77.5	78.7	79.2	80.2	80.2	78.5

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	600	462	1062	536	12	65
FAS	628	494	1122	570	28	78
FEA	706	524	1230	626	42	95
FHS	617	471	1087	570	26	84
Nursing	550	430	980	512	13	60
OSB	639	509	1148	567	19	74
AUB	642	497	1139	578	29	80

Applications, Acceptances and Enrollments

By Faculty and Level Fall 2012–13

Faculty	Applied	Accepted	Accepted(%)	Registered	Yield
Undergraduate Level					
FAFS	1445	869	60.14	155	17.84
FAS	4556	2937	64.46	1095	37.28
FEA	2581	790	30.61	423	53.54
FM	10	7	70	0	0
FHS	953	422	44.28	72	17.06
Nursing	229	115	50.22	53	46.09
OSB	1705	765	44.87	202	26.41
Graduate Level					
FAFS	76	53	69.74	16	30.19
FAS	339	215	63.42	109	50.7
FEA	268	206	76.87	83	40.29
FM	76	47	61.84	13	27.66
FHS	161	105	65.22	47	44.76
Nursing	29	23	79.31	10	43.48
OSB	182	111	60.99	64	57.66
Post Graduate Level					
FAS	28	8	28.57	7	87.5
FEA	44	20	45.45	16	80
FM	10	4	40	3	75
Professional					
FM	217	105	48.39	93	88.57

Distribution of International Students by Faculty

Fall 2012–13

Faculty	Percent International enrolled
FAFS	19.7
FAS	34.3
FEA	15.6
FM	15.8
FHS	20.6
Nursing	9.9
OSB	28.8
AUB	25.0



3 ACADEMIC PROGRAMS AND DEGREES AWARDED



Undergraduate and Graduate Degrees by Faculty, Degree and Gender	23
Average Class Size by Faculty and Department	24
Degrees Awarded by Faculty	25

Undergraduate and Graduate Degrees by Faculty, Degree and Gender

As of and Including June 30, 2012

Faculty	Degree	Female	Male
Undergraduate Level			
AG	BSA, BS, BSL	101	44
AS	BA,BS	287	281
EA	BAR,BFA,BEN,BS	120	305
HS	BS	33	13
NU	BSN	24	6
SB	BBA	187	160
Graduate Level			
AG	MS, MSES	32	3
AS	MA, MS, MAFINE,	75	45
EA	MEN, MEM, MSES, MUDD, MUPP	29	54
FM	MS, MD	21	5
HS	MPH, MS. MSES	61	10
NU	MSN	15	
SB	MBA , EMBA	20	14
Post Graduate Level			
AS	PHD		1
EA	PHD	1	7



Average Class Size by Faculty and Department

Faculty	Department	Average Class Size*
FAFS	Agricultural Science	16
	Animal and Veterinary Sciences	9
	Landscape Design and Eco-Management	22
	Nutrition and Food Science	20
FAS	Arabic	17
	Biology	30
	Center for American Studies	11
	Chemistry	29
	Civilization Sequence Program	30
	Computational Science	1
	Computer Science	29
	Economics	54
	Education	15
	English - communication skills	24
	English - non-communication skills	14
	Fine Arts and Art History	17
	Geology	21
	History and Archaeology	17
	Mathematics	49
	Middle Eastern Studies	6
	Philosophy	16
	Physics	24
	Political Studies and Public Adm	18
	Psychology	25
	Sociology, Anthropology. and Media Studies	17
	University Preparatory Program	12
FEA	Architecture and Graphic Design	23
	Chemical Engineering	27
	Civil and Environmental Engineering	27
	Electrical and Computer Engineering	18
	Engineering Management	36
	Mechanical Engineering	21
FM	Anatomy, Cell Biology and Physiology	12
	Biochemistry	21
	Human Morphology	18
	Pathology and Lab Medicine	19
	Pharmacology and Therapeutics	40
	Radiologic Technology Training	6
FHS	Environmental Health	22
	Epidemiology and Population Health	18
	Health Management and Policy	12
	Health Promotion and Community Health	12
	Medical Laboratory Sciences	31
HSN	Nursing	10
OSB	Business Administration	20
Interdepartmental Discipline(IDM)		12
AUB		22

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



Degrees Awarded by Faculty

Programs	Degrees or Certificates
Faculty of Agricultural and Food Sciences	
Agricultural Economics	MS
Agricultural Extension	MS*
Agriculture	BSA
Diploma of <i>Ingénieur Agricole</i>	Diploma
Animal Science	MS
Food Sciences and Management	BS
Food Technology	MS
Irrigation	MS
Landscape 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
Arabic Language and Literature	BA, MA, PhD
Archaeology	BA, MA
Art History	BA
Biology	BS, MS
Cell and Molecular Biology	PhD
Chemistry	BS, MS
Computer Science	BS, MS
Diploma in Educational Management and Leadership	D.Ed.M.L.
Diploma in Special Education	D.S.Ed.
Economics	BA, MA
Education	MA
Education/Elementary	BA
English Language	BA, MA
English Literature	BA, MA
Financial Economics	MAFE
Geology	BS, MS
History	BA, MA
Mathematics	BS, MS
Middle Eastern Studies	MA

Faculty of Arts and Sciences (Cont'd)	
Petroleum Studies	BS
Philosophy	BA, MA
Physics	BS, MS
Political Studies	BA, MA
Psychology	BA, MA
Public Administration	BA, MA
Sociology	MA
Sociology/Anthropology	BA
Statistics	BA, BS, MA, MS
Studio Arts	BA
Teaching Diploma	TD
Theoretical Physics	PhD
Media Communication	DIPL
Media Studies	MA
Computational Sciences	MS
Applied Math	BA, BS

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 in Public Health	MPH

Faculty of Medicine, School of Nursing	
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
Interfaculty Programs	
Environmental Sciences (Majors in Ecosystem Management, Environmental Technology, Environmental Health, and Environmental Policy Planning)	MSES
Neuroscience	MS
Nutrition	MS

* Temporarily frozen



Congratulations Class of 2012!

4

FACULTY AND STAFF



Faculty by Gender, Full-time, Part-time, and Highest Degree Held.....	29
Summary Analysis on Academic Remuneration for Appointees on 9-month Contract.....	29
Summary Analysis of Non-academic Salaries.....	29

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

	Full-time	Part-time	Total
Total number of instructional faculty*	557	276	833
Total number of women	217	133	350
Total number of men	340	143	483
Total number of nonresident aliens (international)	136	3	139
Total number with doctorate, or other terminal degree	411	72	483
Total number whose highest degree is a master's but not a terminal master's	129	179	308
Total number whose highest degree is a bachelor's	9	18	27
Total number whose highest degree is unknown or other	8	7	15
Total number of faculty teaching clinical medicine	205	59	264

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

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

Fiscal Year 2012-13, December 2012

9-Month				
Rank*	Average Years in Rank	Minimum US \$	Maximum US \$	Average US \$
Professor	9.47	65,175	129,060	88,444
Associate Professor	3.99	53,440	99,852	67,280
Assistant Professor	3.23	42,420	78,981	55,666
Lecturer	4.23	25,775	81,329	47,140
Instructor	8.65	13,981	60,891	33,047
Research Associate	6.56	22,281	52,558	37,981

* Excludes current and former Deans, VPs, 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.

Annual US Dollars		
Grade	Min	Max
[01-03]	5,592	23,233
[04-06]	6,407	33,666
[07-09]	7,735	36,722
[10-12]	10,332	49,590
[13-16]	17,636	127,500

Basic LL		
Grade	Min	Max
[01-03]	702,667	2,919,617
[04-06]	805,090	4,230,681
[07-09]	972,023	4,614,770
[10-12]	1,298,413	6,231,871
[13-16]	2,216,275	16,022,500

5

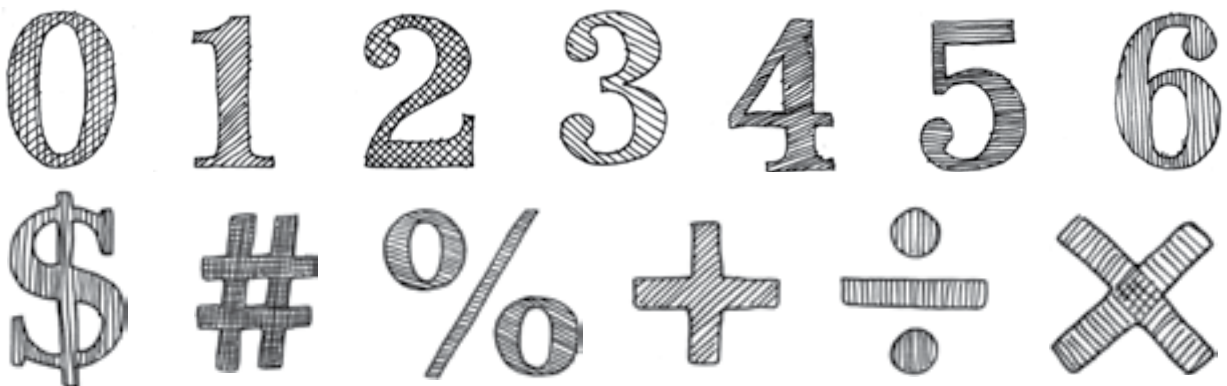
FINANCIAL INFORMATION



Financial and Operating Expenditures 2011-12

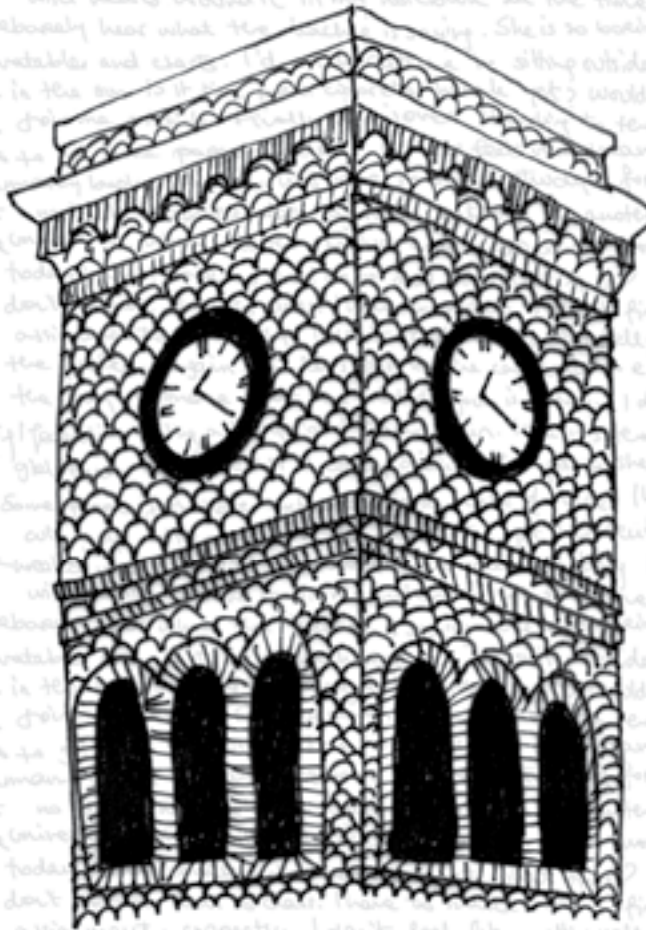
Expenses		Operational	Restricted	Total
NACUBO		(\$,000)	(\$,000)	(\$,000)
Instruction	General academic instructions (Faculties expenses + Faculty housing)	77,970,104.87	12,738,093	90,708,198
Research and Public Service	URB deducted from Academic Support			0
Student Services	Student services administration, social and cultural development, counseling career guidance, financial aid administration extension	5,705,581	149,728	5,855,309
Academic Support	Libraries, museums, academic administration, Provost, ACC, extension	13,909,341	4,378,048	18,287,389
Institutional Support	Executive management, fiscal operations, PR, Development, general administration, IT	24,525,162	223,996	24,749,158
Physical Plant	Physical plant administration, building maintenance, utilities, custodial, security and safety	9,911,608	5	9,911,613
Financial Aid	Scholarships and fellowships	6,379,466	5,619,923	11,999,390
Auxiliary Enterprises	MMD + cafeteria + others	2,134,087		2,134,087
Regional External Programs (Independent Activities)	REP	780,243	4,271,198	5,051,441
AUBMC and Other Expenses		142,003,481	89,702	142,093,183
Contingency and Transfers		(7,122,506)		(7,122,506)
Total Expenses		276,196,568	27,470,694	303,667,262

Revenues		Operational	Restricted	Total
		(\$,000)	(\$,000)	(\$,000)
Tuition	From Overview	116,613,655		116,613,655
Other Educational Income	From Overview	5,197,738		4,777,781
Auxiliary Revenues		5,161,379		5,161,379
Other Revenues				0
Endowment income			5,527,183	5,527,183
Investment Income				0
Interest and Deferred Income		2,241,614		2,241,614
Scholarships				0
Gifts and Contributions		2,977,300.21	21,853,808	24,831,108
AUBMC Net Revenues		144,004,883	89,702	144,094,585
Total Revenues		276,196,568	27,470,694	303,667,262
Net		0	0	0



6

PHYSICAL FACILITIES



Major Campus Buildings	33
AUB Campus Map	37
Student Residence Halls	38

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 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 1900-02, this building was named after Pliny Fisk, an American missionary who arrived in Beirut in 1823. It served for a time as headquarters of the School of Commerce and was later used as a men's dormitory. The hall was remodeled in 1960 and now is used for classrooms and offices for the School 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 School 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 is equipped with 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 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 staff. In 2008 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, 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, Senior, treasurer of the Board of Trustees. At first known simply as “the main building,” it housed the library, chapel, classrooms, and a dormitory, as well as geological and archaeological collections. The tower of College Hall soon became an important symbol of the new institute of learning, and citizens set their watches by its clock which was installed March 14, 1874. After its destruction in 1991, College Hall was restored and rebuilt in June 1999.

Assembly Hall – 1891

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

Post Hall – 1902

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

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 refurbished track and the Green Field, a 280-seat auditorium, a cafe, an internet room, 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 has been renovated and since Fall 2009 houses the Rafic Hariri School of Nursing. The Rafic Hariri School of Nursing offers a state-of-the-art Simulation and Clinical Competency Center, and computer lab in addition to a research center, administrative and faculty offices, and classrooms.

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



Suliman S. Olayan School of Business

– 2009

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

Issam Fares Institute for Public Policy and International Affairs – 2012

The new, purpose-built IFI building will complete 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 will form the core of this think tank. Visiting scholars, faculty, journalists, diplomats, and policy makers will have private research space, as well as a state-of-the-art reading room and

resource database area. There will be 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 in 2004, submitted the winning design for the Issam Fares Institute for Public Policy and International Affairs at AUB. Work is nearing completion on the site formerly the Gulbenkian Infirmary.

Irani Oxy Engineering Complex – 2012

On March 21, 2003 the American University of Beirut announced major gifts from 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.



 Existing Buildings
 Ongoing New Construction
 Ongoing Renovation Projects
 Property Not owned by AUB

Ⓟ Underground Parking Spaces





Student Residence Halls

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

There are four types of rooms, double (double-occupancy room with a shared floor bathroom), semi-private (two double-occupancy rooms with their own bathroom available only in the women's dorms), private rooms (single-occupancy room with its own bathroom) and suites (double-occupancy room with its own bathroom, kitchenette, one bedroom and one living room). The priority is given to freshmen and international students. Graduate students are considered only if space remains. AUB Residence Halls have air conditioning, heating, hot water, washing machines, dryers, irons, storage facilities, DVD, Cable TV, 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. 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.

Men's Residence Halls

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

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

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



AUB's new American Football varsity team training



SERVICES



Academic Services	41
Administrative Services Office	48
Community Services	49

Academic Services

Center for Teaching and Learning (CTL)

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

Office of Grants and Contracts (OGC)

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

Mission

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

Functions

OGC assists the AUB community in administering research and institutional development grants, and clinical trials, in addition to soliciting potential sponsored research from foundations, corporations, and governmental and nongovernmental organizations at the local and international level.



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 promotes 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 Unit

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

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

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 number of 313 grant awards were added to the list of grants administered by OGC between October 1, 2011 and September 30, 2012, of which 126 research grants were funded from external sources, amounting to \$11,399,285 and 187 grants funded from the University Research Board (URB) and other internal sources amounting to \$2,109,362. In addition to the research grants, AUB was awarded one ASHA grant and 4 major scholarship grants for a total amount of \$18,123,511. These grants are: ASHA G-12 grant for \$1,800,000; Arab Fund for Economic and Social Development scholarship for \$353,707; MasterCard Foundation scholarship for \$8,987,955; MEPI Tomorrow's Leaders III for \$1,260,499; and USAID University Scholars Program (USP4) for \$5,721,350.

Office of Information Technology (OIT)

The Office of Information Technology (OIT) 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 the 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 that are 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. You can 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. You can 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 device that access the campus-wide wireless network. Using any Web browser, students have access to over a hundred on-line 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-AP 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-AP 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-AP 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 faculties' 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-AP 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-AP provides guidance, training, and support to instructors using Moodle and to students enrolled in Moodle courses. IT-AP 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-AP 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-AP 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

IT-AP 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 may also request training for students enrolled in their courses. Furthermore, IT-AP offers consultation on course design, and troubleshooting support on the technology tools used in education.

IT Medical Center Processes and Systems

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 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 us to transition gradually to new technologies without the need to compromise or re-develop existing solutions, while at the same time affording us 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.

Libraries

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

The libraries (<http://www.aub.edu.lb/ulibraries/>) have a long history in Lebanon and in the region which is reflected in the rich collections that they own. The collections consist of 386,759 books in 464,708 volumes and 6,828 print periodicals (1,800 in Arabic) in 186,355 volumes. The libraries also own 218,293 electronic books and provide access to 87,701 electronic periodicals (8 in Arabic) and 800 journals on microfilm (599 in Arabic). The Libraries currently subscribe to 5,000 electronic periodicals, 780 print periodicals (318 in Arabic), and 252 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 contain 673 linear feet of archival material, 1,402 manuscripts, most of which are in Arabic and some are uniquely and/or rarely held resources, 8,146 volumes of theses, projects, and dissertations going back to 1907, 5,022 posters, 776 postcards, and 1,941 maps, as well as 51,067 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.



Jafet Library staff working on preserving and storing historic newspaper collections

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

The Saab Memorial Medical Library (SML), (<http://smlweb.aub.edu.lb/>) is dedicated to the memory of Dr. Nicholas Saab (AUB School of Medicine graduate, 1959). The library has been functioning in its present quarters as part of the Medical Center since 1975, and qualifies as one of the best medical libraries in the Middle East. Its collection consists of 188 printed periodical titles, over 84,000 backfile periodical volumes, more than 5,000 e-textbooks, and nearly 48,000 books, over 2,000 of which 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 clientèle, 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 to medical librarians and healthcare professionals in Lebanon and the region.

A brief description of the Libraries 2012–13 activities includes:

- Renovated the Jafet Library Reference Reading Room
- Established a new reading room for graduate students study
- Increased number of public PCs from 145 to 160
- Provided 500 information literacy sessions to over 9,000 students
- Established over 200 standing orders for major book series on Arab, Middle Eastern, and Islamic studies (and ordered all missing volumes from these series)
- Set profiles and established blanket orders with major Arabic book vendors/dealers in the region and the Library of Congress
- Increased access to full text journals from 86,900 to 96,000
- Increased number of electronic books from 170,000 to 218,000
- Secured all of the libraries' collections
- Installed new security doors and sensitizing machines in all libraries
- Increased the size of the Library IT team from three to five full-time staff members.

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, one-hour writing consultations to AUB undergraduate and graduate students, faculty and staff;
- Works with faculty to develop discipline-specific writing instruction in all of the majors;
- Participates in conferences, workshops, and research projects;
- Makes writing and instructional resources available through its website. Tutors at the Writing Center are trained graduate students and faculty members. During 2011–12, the Center offered more than 2,700 hours of tutoring support for writers at AUB.

Administrative Services Office

Office of Institutional Research and Assessment (OIRA)

Mission

The Office of Institutional Research and Assessment (OIRA) coordinates institutional assessment and research activities. It is responsible for the collection, analysis, and dissemination of accurate and timely information about the university's environment and performance. This information supports institutional 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 (e.g., accreditation) and external (e.g., 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.

who are 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 50 current project sites in 12 countries. It is an incomparable resource for understanding and solving difficult challenges in the Middle East and North Africa.

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 1979, REP has delivered practical, measurable results to both private and public sector organizations throughout the Middle East. 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. The AUB faculty includes national and international experts

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, and water quality monitoring. In addition REP partners with major international development organizations to help regional governments improve service delivery and implement sustainable market-based reforms. REP has working relationships with the U.S. Agency for International Development, the United Nations, the World Health Organization, the Hariri Foundation, the Save the Children Federation, World Bank, the Arab Fund for Economic and Social Development, and AMIDEAST.

Continuing Education Center

In line with its mission to serve the region and its commitment to life-long learning, AUB offers a variety of certificate and diploma non-credit programs, non-certificate courses, intensive professional courses, as well as special programs for older people and children of AUB alumni. The Continuing Education Center (CEC) at the American University of Beirut is a division of the Office of the Vice President for Regional External Programs (REP). CEC stands at the heart of AUB's strategic plan in extending the resources of the University into the community by providing high-quality educational opportunities for people of all educational and professional levels. CEC programs are designed to cater to 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. The Center also develops intensive professional courses tailored to corporate clients in Lebanon and the region, and organizes public short courses that aim at helping participants maintain a competitive edge throughout their career path.

CEC also oversees a special program designed for older people (University for Seniors), and, in collaboration with the Office of Alumni Relations and the Worldwide Alumni Association of the American University of Beirut (WAAAB), offers a special summer program to children of AUB alumni throughout the world to strengthen the ties between AUB and all of its alumni.

Center for Civic Engagement and Community Service (CCECS)

Established in 2008 and operating under the Provost's Office, 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. 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 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; and building sustainable collaborations; and creating close links with the community.



Approach

To fulfill its mission, CCECS has adopted community service outreach activities, community-based projects and research, and community-based learning (or service learning) which is an academic type of experiential learning combining service with explicit academic learning objectives, preparation for community work, and deliberate reflection. This led to the recent restructuring the CCECS into three main collaborative service units with a team and leader assigned to each, in order to effectively achieve its goals and respond to the community needs:

1. Community Outreach Projects unit (COPu) that aims to organize a strong outreach volunteering program, linked with students' organizations, and reach out to administrative units and academic departments to expand community engagement across campus;

2. Community Development Projects unit (CDPu) that aims to initiate and/or support inter/multi-disciplinary community-based research and community development projects;
3. 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 ensures their visibility, 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 2011-12 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 works 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 (www.ccecs.org; ccecs@aub.edu.lb).

Activities and Projects

During the past year, the pool of CCECS' 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 2011–12, the main ones are:

AUB Civic and Volunteering Fair 2012, under the sustainable theme "Go Green", aimed at connecting non-governmental organizations (NGOs) and AUB centers and groups involved in civic engagement with the university community. The 2012 version of the annual event organized in April expanded to include 85 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 with a keynote address on social media and activism by leading social activist and interior ex-minister Ziad Baroud and moderated by activist and journalist Omar Nashabe. An organic food court, a collection of plastic caps, a wheelchair race, and a film screening about an Ethiopian domestic worker were all on the list of activities for the well-attended day, which included also students from the neighboring schools of International College (IC) and Saint Mary's Orthodox College (SMOC). The fair closed with a musical concert by Bailando Group, Sarai Band, and some AUB Got Talent Winners for the benefit of community projects by the Center. This event was sponsored by Banque Libano-Francaise, Banque Byblos, and Radio One.

AUB Summer Volunteering Camp, with the Civil Engineering Society (CES) and in collaboration with the Nature Conservation Center (NCC, previously Ibsar) where 120 students, faculty and staff supervisors from

different departments at AUB volunteered their expertise for ten days during September 2012 in community development projects in several villages and towns in the West Beqaa region. The camp was supported by several university units and external partners.

BLOM Beirut Marathon, in collaboration with the Office of Communications, where the Center solicited more than 100 volunteers to enlist runners for the AUB participating teams (Braveheart and NCC/Ibsar), and to help the organizers by running support stations on the day of the Marathon in November 2011.

Beach Watch—BIG BLUE DAY, organized by Operation Big Blue in May 2012 to clean Lebanese beaches, where the Center enlisted 30 volunteers assigned to the Batroun seashore.

Breaking the Barriers—International Day of Persons with Disabilities, with the collaboration of a collective of NGOs - arc-en-ciel, Lebanese Autism Society (LAS), Lebanese Down Syndrome

Association (LDSA), Lebanese Physical Handicapped Union (LPHU), Youth Association of the Blind (YAB)— where the Center organized a series of activities during December 2012 including two seminars to raise awareness on inclusion in the schools and in the workplace, a poetry competition, and a Blind Date dinner with the support of the Crepaway restaurant.

Drama Therapy Program, in collaboration with LDSA, consisting of weekly drama therapy workshops for children with Down syndrome which were delivered by Ms. Rita Daccache during Spring 2012, and where the Center enlisted 20 students from the AUB Drama Club to assist and participate in the program.

Inclusive Cafés and Restaurants, an ongoing initiative with the Youth Association of the Blind (YAB) to encourage cafés and restaurants to print and provide their menus in Braille and including training staff and waiters to cater to the visually impaired clientele.



AUB runs for the community under the rain: Damp weather does not dampen marathon spirit

Seeing beyond Sight I (Sensory Photography Workshop for Visually Impaired), in partnership with Ojos que Sienten A.C and The Image Festival Association “Zakira,” offered in April 2012 by Gina Badenoch, founder of Ojos que Sienten A.C.

Smoke Free Awareness Campaign, in collaboration with the Neighborhood Initiative and Tobacco Control Research Group, with support from the Office of Communications at AUB, where a campaign was held in Summer 2012 to encourage restaurants and cafés to abide to the Law 174 of banning smoking in closed areas. A concert was held in September for this purpose in Hamra Street where various bands performed.

E-waste Collection, with Beeatoona NGO, an ongoing initiative aiming at collecting electronic wastes at AUB and at designating the University as an official e-waste collection point.

Computer Recycling/Refurbishing, an ongoing project involving students training on refurbishing and licensing computers and peripherals under a program supported by Microsoft, with about two hundred fifty computers donated to several needy communities/centers to date.

Supporting Education in Public Schools, in collaboration with MMKN NGO, with 25 AUB student volunteers teaming 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, where the CCECS supported an initiative by faculty and students to volunteer one day per year to read for children and youth in the Palestinian camp of Borj Al-Barajneh, including a book collection and donation drive to the camp onsite and “mobile library” campaign.

Ripples of Happiness, an educational program and competition jointly developed by the Coca Cola Foundation and INJAZ NGO with

primary emphasis on social responsibility, entrepreneurial skills, financial literacy and workplace readiness. The program was implemented during 10 weeks in the Spring 2012 semester with the participation of 10 selected universities in the Arab Region including Bahrain, Jordan, Lebanon, Palestine, and Saudi Arabia. AUB participated with a team of 20 students who undertook training and worked together in order to develop a community project called “Mommy Made” featuring a community kitchen to empower women in need, which is currently under implementation with the support of the organizers.

Cooking for a Good Cause, an initiative hosted by the Nutrition and Food Sciences department and Pilot Plant at FAFS, where the proceeds of bi-weekly cooking classes delivered during Spring 2012 by a cancer survivor go to support Faire Face NGO for providing treatment to cancer patients.

Donation Drives, an ongoing initiative that aims at collecting clothes, toys, books and other useful items in good condition to donate to needy communities.

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 have been put in place to as introduce pilot CBL courses and projects at AUB during the years 2010–12. The CBL activities conducted to-date, namely in 2011–12, included: 3 CBL-related workshops/seminars conducted with 40 AUB faculty members and 5 students attending; 4 courses developed/ offered and/or supported with 5 departments/ programs involved (Civil and Environmental



Engineering, Health Promotion and Community Health, Landscape Architecture, Psychology, Urban Design/Planning), 9 faculty members participating and 62 students enrolled; several CBL seminars/meetings and collaborative initiatives planned with several departments at AUB and other partnering regional and international universities; several community-based academic interdisciplinary projects researched/studied and implemented with external funding generated. These initiatives conducted by the Center are setting the pace for future similar and sustained experiments towards institutionalizing CBL at AUB. 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 2011-12, are:

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 UN-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.

Promoting Urban Agriculture in Ein el-Helweh Camp, initiated by a study of needs by a team from CCECS and interns from EARTH

University in Costa Rica, where a vision was set up for rehabilitating a Women Vocational Training Center into a Green Center promoting water harvesting and urban agriculture in the Palestinian refugee camp of Ein el-Helweh. The project was funded by and partnered with the American Near East Refugee Aid (ANERA) and consisted 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 Neighborhood Initiative AUB, and CEE and LDEM departments, and in partnership and with the support of ANERA, where a pilot research study has been developed and a prototype model is being constructed in neighboring schools on rainwater catchment and planting in local urban settings. The project includes an educational and dissemination module where onsite training sessions will be provided to 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, where 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 to the needs of people with disabilities and support and input from relevant organizations.

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 campus walls. A special project



The CCECS environmental activity gathered an active crowd on 5 August 2012 at Spinneys, Hazmieh

under the President's Office, the Initiative team works 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 by the Ford Foundation.

Ras Beirutis are increasingly concerned about the declining quality of their Urban Environment due to noise, congestion, broken or blocked sidewalks, and the creation of a 'concrete jungle' with the densification of building. With Neighborhood Initiative support, AUB faculty and students are addressing all these issues. For example, the Inclusive Neighborhood project: the Neighborhood Initiative is working with the Center for Civic Engagement and Community Service, the Beirut Municipality, neighborhood residents and accessibility advocates to redesign Jeanne d'Arc Street to be barrier-free and navigable by a wheelchair from Bliss to Hamra Streets. The Mayor of Beirut wants Jeanne d'Arc to be a model street for the city, and hopes to begin construction in 2013. The Greening the Neighborhood project, another joint project with the Center for Civic Engagement, and the Department of

Landscape Design and Ecosystem Management, is promoting green walls and working with two neighborhood schools to educate students and their parents about urban agriculture. A new project, Silence in the City, brings together faculty from all faculties of the University to discuss the problem of noise in the neighborhood and develop a range of interventions. A noise map of Ras Beirut is planned.

The Neighborhood Initiative is also supporting work under the general theme of Community and Well-Being. The University for Seniors, an educational and cultural program for older adults, responds to the aspiration of many older neighbors to stay intellectually challenged and socially engaged in old age. We are in the process of 'institutionalizing' the University for Seniors as an independent program of AUB's Continuing Education Center. The results of the Ras Beirut Well-Being Survey, a health and demographic survey of the neighborhood, will soon be published in Arabic and English. Preliminary findings were presented on ten posters at several locations on Hamra Street, and feedback from neighbors enriched the analysis.



RESEARCH CENTERS AND PROGRAMS



Agricultural Research and Education Center (AREC).....	59
Center for Advanced Mathematical Sciences (CAMS).....	60
Center for Arab and Middle Eastern Studies (CAMES).....	62
The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR).....	65
Center for Behavioral Research (CBR).....	67
Center for English Language Research and Teaching (CELRT).....	67
Center for Research on Population and Health (CRPH).....	68
Energy Research Group (ERG).....	68
The Environment and Sustainable Development Unit (ESDU).....	69
AUB - Nature Conservation Center (AUB-NCC) formerly known as (Ibsar).....	70
Institute of Financial Economics (IFE).....	72
The Issam Fares Institute for Public Policy and International Affairs (IFI).....	73
Science and Mathematics Education Center (SMEC).....	76

Agricultural Research and Education Center (AREC)

In 1953, Dr. Samuel Edgecombe, the first dean of FAFS selected a plot of land in the middle of the Bekaa area to create a center where students, Faculty members and local community cooperate to provide solutions to the agriculture sector. Over the years, this plot of land evolved to be a unique center providing experiential learning for Agriculture and Landscape students at AUB as well as facilitating various research projects in the area. The legacy of this center, now called AREC, not only lies in contributing to the success of more of the 1,730 pioneers in the field of Agriculture but also in the positive impact in enriching the lives of the local community in the Bekaa area and in the area.

AREC's role today grew beyond providing education and research programs in the field of Agriculture to deal with communities, Environmental issues by supporting the Nature Conservation Center (NCC) which operates a country-wide tree planting campaign from

AREC. In addition, AREC provides health provision services to more than 400 individuals (AUB employees and family members) as well as conducting different workshops with the local communities to improve their wellbeing.

The year 2012 is considered to be exceptional for AREC in the research programs, and the various services which can be summarized as the following:

- More than 10 research trials in the crops and animal sector conducted by faculty members and their graduate students
- Several workshops:
 - The Nutrition and Communication Class (NFSC 283) conducted practical education sessions with 30 Bedouin women
 - YMCA training for financial issues related to project development for the rural communities
 - JICA short term training course for Iraqis on "Integrated Crop-Livestock Production" took place at AREC



AREC is located at Haush-Sneid in the Beqa'a Valley, 80 kilometers from Beirut



- IBSAR seed planting event took place at AREC. 40 eco-minded volunteers from the CES department participated in this event
- “Nutrition in Emergencies” (NIE) training course with the participation of 25 national and international organizations and 5 staff members
- International Orthodox Christian Charities (IOCC) in collaboration with World Vision provided a six-day training course on “Nutrition in Emergencies” for Lebanese Health Care Workers
- ICARDA and AUB cooperation at AREC for the “Seed Increase Project”
- AREC continued to provide AUBMC and AUB community with healthy, quality food produce.
- AREC continues to be a retreat center for large number of AUB members and families.

AREC's vision is to be a satellite campus for AUB enriching lives and engaging communities.

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 flagship institute within AUB's academic plan to revitalize scholarship and research in the mathematical sciences.

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



Mission

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

Objectives

The objectives of CAMS are to:

- Promote original research in the Mathematical Sciences;
- Act as a focal point for collaborative research among mathematicians and scientists in the region, partly by hosting visitors for various intervals of time, and also by organizing topical meetings, workshops/seminars, and conferences in the Mathematical Sciences;
- Support pure and applied research programs in Mathematics, Computational Science, Climate Studies, Theoretical Physics, and Engineering at AUB and at other universities in Lebanon;
- Promote and contribute to Master's and PhD programs in the Mathematical Sciences at AUB;
- Foster a multidisciplinary environment encompassing disciplines that make significant use of mathematical tools;
- Identify promising new fields of Science and Engineering with strong mathematical components, and encourage their integration within CAMS and the University.
- The appointment of CAMS fellows will be based on a submitted proposal targeting research or scholarly activities and including specific deliverables and a time line.
- A CAMS Steering Committee will be formed with a membership drawn from AUB faculty.
- Chaired by the director of CAMS, the Steering Committee will have the following functions:
 - To assist the director in the review and ranking process of proposals submitted by faculty members to join CAMS as fellows;
 - To prepare, review, and propose to the director quality scholarly activities that can be conducted or sponsored by CAMS;
 - To assist in identifying funding resources to support CAMS activities, in promoting activities conducted by and at CAMS, and in engaging relevant and interested AUB departments in participating in the work of the Center;
 - To advise the director on academic, personnel, and any other matters at his/her request.

New Developments

AUB has gained some prominence in the international scientific arena through the many activities and contributions of CAMS, including its scientific publications, international conferences, workshops and seminars, and summer programs. CAMS is seeking to encourage more AUB faculty members to play an active role in its research foci and in organizing activities at the Center. For this reason, it is introducing some changes in the Center's governance, with the key changes summarized as follows:

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 members of the Steering Committee are:

- Wafic Sabra, Director;
- Fadl Moukalled, FEA Associate Dean;
- Hazar Abu Khuzam, Chair of the Department of Mathematics;
- Nabil Nassif, Department of Mathematics;
- Mazen Ghoul, Chair of the Department of Chemistry and Director of the Graduate Program in Computational Science;
- Leonid Klushin, Department of Physics.

International Advisory Committee

The International Advisory Committee of CAMS is an external committee made up of eminent scholars and scientists appointed by the president of the University. The purpose of the committee is to oversee the activities of CAMS; to assist it in planning; and to evaluate, on an annual basis, the Center's success in meeting its objectives with recommendations. Members of the Committee may also provide help in securing continued external funding

for CAMS in accordance with the University's fundraising policy. The provost of AUB is an ex-officio member of the committee who acts as its vice-chair and secretary.

Center for Arab and Middle Eastern Studies (CAMES)

The Center for Arab and Middle Eastern Studies (CAMES) offers an interdisciplinary MA degree in Middle East studies. CAMES' goal is to enhance the understanding of the Middle East and Islamic civilization and to encourage informed scholarship in all academic disciplines. The MA program aims to assist students in acquiring a sound grounding in one or more aspects of the study of the Middle East and in the Arabic language. The Center offers some of its own seminars in Middle East 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 East at AUB, the Center also sponsors visiting lectures and conferences and holds occasional events such as film showings and readings.

CAMES focuses on current methodologies and approaches in the fields of Middle East and Islamic studies. Students structure their own course of study in such areas as Middle East and Islamic history, contemporary politics, international relations, archaeology, anthropology, sociology, media studies, 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 of Modern Standard Arabic and Lebanese Spoken Arabic as well as a seven-week intensive Arabic language course in the summer.

The CAMES MA program offers a thesis option and a project option.

In 2011-12, CAMES organized and took part in the following activities:

Public Lectures

Francis Ghilès, a senior research fellow at the Barcelona Centre for International Affairs (CIDOB), and long-time correspondent for *The Financial Times*, gave a talk entitled "A Conversation on the 'Arab Spring' in North Africa."

Paul Keleman, Lecturer at the School of Social Sciences, University of Manchester, gave a lecture entitled "Exploring the root of western support for Zionism: the case of the British Labour Party."

The late Anthony Shadid, foreign correspondent for *The New York Times*, gave a lecture entitled "Imagining Otherwise: Covering the Arab Revolts from Tunisia to Bahrain."

Jane Harrigan, Professor of Economics at SOAS, gave a lecture entitled "The Political Economy of Aid Flows to the Arab World."

Rabab Ibrahim Abdulhadi, Associate Professor of Ethnic Studies/Race and Resistance Studies at San Francisco State University, gave a lecture entitled "Arab and Arab American Feminisms."

Suad Joseph, Professor of Anthropology and Women and Gender Studies at the University of California, Davis gave a lecture entitled "Family and State in the Arab World: Re-Framing Inquiries."

Ahmed Kanna, Assistant Professor of Anthropology and International Studies at the University of the Pacific, gave a lecture entitled "A Politics of Non-Recognition? Arab Gulf Worker Protests in a Year of Uprisings" ICo-sponsored by Issam Fares Institute for Public Policy and International Affairs and Department of Architecture and Design.





James Jasper, Professor at the City University of New York, gave a lecture entitled "Thinking-Feeling in Protest Movements: Lessons from the Arab Spring" [Co-sponsored by Issam Fares Institute for Public Policy and International Affairs].

James Larocco, Director of National Defense University Near East South Asia Center for Strategic Studies, gave a lecture entitled "The Arab Spring: US Responses and Strategic Interests" [Co-sponsored by Issam Fares Institute for Public Policy and International Affairs].

Reinoud Leenders, Assistant Professor of Political Science at the University of Amsterdam, gave a lecture entitled "Collective Action and Popular Mobilization in Dar'a: An Anatomy of the Onset of Syria's Popular Uprising" [Co-sponsored by the Netherlands Institute in Beirut (NI-Beirut)].

Tariq Tell gave a lecture entitled "'Kings Don't Fold?': Towards an International and Historical Political Economy of Monarchy in the Arab

World," [Co-sponsored by the Department of Political Studies and Public Administration].

Mohammad Nuruzzaman, Associate Professor for International Relations, Gulf University for Science and Technology, Kuwait, gave a lecture entitled "Post-2003 Geopolitical Rivalries, Conflicts and Prospects of Cooperation between Iran and the Gulf Arab States," [Co-sponsored by the Department of Political Studies and Public Administration].

Katherine E. Hoffman, Associate Professor of Anthropology at Northwestern University, gave a lecture entitled "Revolution's Refugees: Transnational Amazigh (Berber) Networks and Tunisian Responses to Displaced Libyans."

Siba Grovogui, Professor of Political Science at the Johns Hopkins University, gave a lecture entitled "The Responsibility to Protect: An Unconventional History of Postwar Interventions" [Co-sponsored by Issam Fares Institute for Public Policy and International Affairs].

Sheikh Zayid Distinguished Visiting Scholar

Mahmood Mamdani, Professor at Makerere University, Uganda and at Columbia University, USA, came to CAMES as the Sheikh Zayid Distinguished Visiting Scholar during the period May 13–19, 2012. During this time he delivered two lectures:

“Israel is not Quite Apartheid South Africa: An African Perspective on the Palestine Question.”

“Breaking the Cycle of Violence: Reflections on Nuremberg and Convention for a Democratic South Africa.”

Photo Exhibit

Carlos Latuff, Photo exhibit 12–16 March 2012 and lecture “Art and Resistance” ICo-sponsored with Palestinian Cultural Club and othersl.

Conferences

“Writing in a Time of Revolutions,” Literary readings and panel discussion with Ahdaf Soueif (Egypt), Kamel Riahi (Tunis), Khaled Khalife (Syria), Nadia al-Kokabany (Yemen), Ali al-Jallawi (Bahrain), Elias Khoury (Lebanon). ICo-sponsored with Office of the Provost, the Faculty of Arts and Sciences Dean’s Office.

“Lord of Many Mansions: Celebrating the Life and Work of Kamal Salibi” ICo-sponsored with Department of History and Office of the Provost.

“City Debates 2012, Re-Conceptualizing Boundaries: Urban Design in the Arab World” ICo-sponsored with CASAR, British Council, the Heinrich Böll Foundation, IFPO, GIZ.

“Intellectual History of the Arab Left.” ICo-organized with the University of Copenhagen.

The CAMES Film Society screenings

ICo-sponsored with the Palestinian Cultural Club

“Tin Roof Ghetto in Tripoli, Lebanon” directed by Sharif Abdunnur. The film was followed by a discussion with the director.

“Route 181” (Parts I, II and III) directed by Michel Khleife and Eyal Sivan.

“Karama has no Walls” followed by a discussion with Fawwaz Traboulsi.

“Last Shepherds of the Valley” and “Free Running Gaza,” two films directed by Mariam Shahin and George Azar. The films were followed by a discussion with the directors.

Other Activities

CAMES represented AUB at the 2011 Middle East Studies Association (MESA) Annual Meeting, December 1–3, 2011 in Washington D.C.

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

The Center for American Studies and Research is a dynamic academic and research center that offers a minor in American Studies and will begin, in Fall 2013, an MA program in Transnational American Studies. 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 2012–13 CASAR hosted more than 30 lectures, a symposium on gender and sexuality, and a collaborative meeting between regional American Studies centers. CASAR hosts a bi-annual international conference. The Center is currently planning for its fifth conference on the theme, “Transnational American Studies.”

2012–13 lecture series (partial list)

“Invisible and Proxy Detention in Counterinsurgencies: Khiam and Salt Pit,” a lecture co-sponsored with CAMES by Laleh Khalili, SOAS.

“Lawfare and Armed Conflict: Comparing Israeli and US Targeted Killing Policies and Challenges against Them,” a lecture co-sponsored with IFI presented by Lisa Hajjar, visiting professor at CASAR, AUB.

“I Was The Voice of Democracy,” a lecture by Brian Herrera from Princeton University.

“Some of My Best Friends Are Zionists,” a documentary film directed by Bruce Robbins from Colombia University.

“The American Conservative Tradition and the 2012 Presidential Election,” a lecture by David Farber from Temple University.

“America’s Army: Citizenship, the Market, and the All-Volunteer Force,” a lecture by Beth Bailey from Temple University.

“Author Meets Interlocutors: Elena Glasberg’s Antarctica as Culture Critique,” a discussion forum by Elena Glasberg.

“Why Are We Here? AUB and International Education in Personal and Historical Context,” a forum presented by professors and students from AUB.

“Contemporary Arab and Islamic Theatre: A Global Perspective,” a lecture by Professor Marvin Carlson from the City University of New York.

“Understanding the U.S. Presidential Elections,” a forum presented by several scholars from CASAR and IFI.

“A View from the Cloud: Watching Television in the Digital Era,” a lecture by Jennifer Holt, professor at the University of California.

“Arab America: Gender, Cultural Politics, and Activism,” a book launch event by Nadine Naber, professor at the University of Michigan.

“The U.S. Empire in the Egyptian Revolution: Ethnographic Notes from Tahrir and Beyond,” a lecture by Atef Said, a human rights lawyer from the University of Michigan.

“Occupied Fantasy: Literary Enclosures in the Age of Finance Capital,” a lecture by Jordana Rosenberg from the University of Massachusetts Amherst.

“Connecting the Dots of 1982: The Dynamics of the Global Left and Right and their Contemporary Legacies,” a lecture by Les W. Field from the University of New Mexico.

“Imperial Outposts: The Secret History of the US Military Presence in Turkey,” a movie directed by Amy Austin Holmes from the American University in Cairo.

Center for Behavioral Research (CBR)

CBR encourages, coordinates, and sponsors interdisciplinary research in the behavioral and social sciences, and the humanities. It promotes dissemination of research findings through special workshops, bi-weekly discussions of work-in-progress. In addition, programs and activities of the CBR include the affiliation of visiting and pre-doctoral fellowship which expedite contacts with innovative and prominent world scholars. Qualified graduate students are also offered research fellowships to support their graduate education and field work.

The activities of CBR during the last academic year 2011-12.

Brown Bag Bi-weekly Sessions

"From Poverty to High School Dropouts,"
Linda Pagani, University of Montreal,
November 2, 2011.

"Landscape Architecture and the Design of the Civic," Jillian Wallis, University of Melbourne, November 15, 2011.

"A Global Age of Reform," Andrew Arsan, Princeton University, November 29, 2011.

"The Mobility of Desire," Jared McCormick, Harvard University, February 22, 2012.

"Ethnography of Everyday Life in the Southern Suburbs of Beirut," Estella Carpi, University of Sydney, March 6, 2012.

"Moral Work and Network Building on Abortion in Lebanon," Zeina Fathallah, AUB, April 3, 2012.

"Narrative Possibilities," Belinda Walzer, University of Carolina, April 24, 2012.

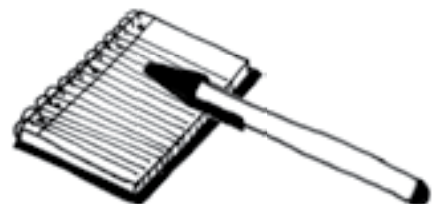
"A Landscape of War: On the Nature of Conflict in south Lebanon," Munira Khayat, AUB, May 8, 2012.

"Family Change: Marriage and Divorce among the Lebanese Druze," Lubna Tarabey, AUB/ Lebanese University, May 22, 2012.

Center for English Language Research and Teaching (CELRT)

The Center for English Language Research and Teaching (CELRT) 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. Socio-linguistics, psycho-linguistics, language and media, and anthropological linguistics.





FHS prepares public health students to be professionals by training them to apply conceptual formulas to health related situations

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, policymakers, 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 such as reproductive health, youth, tobacco, and mental health. The Center also hosts visitors whose work is relevant to research at the Faculty of Health Sciences.

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 and planning, environmental assessment, solid waste management, and economic and management issues. ERG members contributed to the development of the initial national communication funded by UNDP on greenhouse gas emissions for the power production, industrial, transportation, and residential sectors in Lebanon.

ERG joined the Global Network on Energy for Sustainable Development (GNESD) in November

2003 to become one of GNEED'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 including externally funded research grants were continued in the current year from external funding from the American Society of Heating, Refrigeration, and Airconditioning 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 Tunisia in partnership with European and North Africa partners.

In 2009 and 2010 activities included an EU-FP7 project (Open Gain) in collaboration with several MENA institutes to install a renewable energy system and laboratory at Bourj Cedria in Tunisia. 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 initiated in collaboration with the UNDP. In 2013, members from the ERG along with other AUB faculty members are contributing to the PROGREEN project, funded by the EU under the Tempus program, to develop professional courses and a diploma in green technologies for energy efficient buildings, water resources, and renewable energy. In this project AUB is the leading partner in collaboration with the American University of Cairo, the Lebanese American University, University of Helwan, Suez Canal University, Polytechnic of Torino, Lund University, University College Dublin, the University of Alicante, and the Mediterranean University Union.

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 Faculty of Agricultural and Food Sciences at AUB to promote collaboration on sustainable development initiatives among departments at AUB and a wide variety of other institutions and organizations undertaking related activities. Notably, ESDU has implemented a number of large-scale services and development research contracts in Lebanon and the MENA region, the total value of which exceeds \$6 million (for more details see www.esdu-aub.org). In 2007 ESDU became the 7th 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 2011, ESDU was granted a total of US\$287,000 from IDRC, Georgetown University in Qatar and FAO to collaborate on Mainstreaming Evaluation Theory and Practice, Urban Agriculture and Communication for Development, respectively. 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 2013.





AUB—Nature Conservation Center (AUB-NCC) formerly known as (Ibsar)

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 is divided into two sub-programs: Marine Biotechnology (Marex) and Medicinal Plants. Marex is the result of a joint research projects rooted in diversity between NCC

and a Finnish team. 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 project aims to identify more environmentally-conscious marine sources of biotechnology products and increase public awareness about marine biodiversity.

Based on the ancestral Arab knowledge in medicine and the use of cutting edge science and clinical research, the Medicinal Plants program focuses on characterizing, verifying and validating the beneficial 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.

Nature ConVersation

In light of changing lifestyles, children around the globe 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. NCC addresses both the isolation from nature and the isolation from the other. This program aims to develop a positive experiential learning program where children from different socio-cultural backgrounds are purposefully joined to perform nature-related activities. These activities revolve around tree planting, enabling community environment, and introducing activities and exercises developed by social scientists to help foster interaction and cooperation between the youth. These activities include: Nature Festival, Nature Field, and Community Enabling Activities.

Food and Health in Rural Lebanon

Over the years, Lebanon's dietary habits have been changing towards a more westernized diet. At the same time, rural ecosystems are deteriorating chiefly because of urban encroachment, water pollution and land abandonment. Results from a first phase project entitled Wild Edible Plants: Promoting Dietary Diversity in Poor Communities of Lebanon encouraged further research of the relationship between health and the environment through an in depth analysis of the benefits, viability, risks and resilience of rural ecosystems to support healthy people. This program combines research with intervention, and aims in particular towards exploring the ecosystem and the identification of beneficiary elements/practices, including diet, biodiversity, physical activity, and cultural practices. It also seeks to promote healthy life choices and food habits as well as the wellbeing of individuals and the community.

IBDAA

The United Nations proclaimed May 22 the International Day for Biological Diversity (IBD) to increase understanding and awareness of biodiversity issues. In response to this call, since 2007, 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, 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. Students' preparations for the event and the event itself raise awareness and promote biodiversity conservation and advocate for the sustainable and equitable use of biological resources in Lebanon and the region.





SAGE (Sustain, Adopt, Grow, Educate)

SAGE is an ecovillage that develops natural products by integrating scientific knowledge and traditional practices of rural communities throughout Lebanon. SAGE's objective is to empower small businesses by supporting employment opportunities for artisans and farmers. Natural products developed include perfumes, air and car fresheners, smell absorbers, insect repellents, shoe insoles and potpourri.

Ana Shajara

This program is one of the most visible and popular of NCC's programs. Since the program began in 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.

Biodiversity Village Award (Baldati Bi'ati)

This project emphasizes the important role of municipalities in preserving nature on a local level. The project is a collaborative effort between 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 identify the village's significant future projects. Most of the villages participating in this project have preserved traditional environmental activities such as beekeeping,

harvesting, hiking as well as the initiative to develop strategies to sustain their public lands. Participating villages for 2011 and 2012 were: Michmich, Miniara, Bebnine, Aarsal, Ain Zebdeh, Aita El Foukhar, Dahr El Ahmar, Ras El Maten, Shanai, Niha, Mristi, Barouk, Hammana, Kawkaba, Deir El Zahrani, Rihane, Jezzine, Bkassine, Sinay, Damour, Ourhaniyeh, Maaser El Chouf, Kamed El Loz, Aana, Manara, Barka, Deir El Ahmar, Al Qalaa, Deir El Harf, Hrajel, Ehmej, Aakoura, Kousba, Bcharreh and Hrar.

Nature and Language: Understanding the Understanding of Biodiversity Conservation in an Arab Culture

To understand the relation between people and nature, it is important to understand their discourse about nature: language can be a window onto people's ideas and beliefs about nature. It is also important to develop a common discourse about nature between scientists and local communities where they work. It is by understanding the discourse of local communities about nature that efficient conservancy is implemented. One of the aims of this project is to understand and catalogue the characteristics of the discourse.

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 IFE is to promote research and other academic activities in these fields, as well as in broad

developmental issues in the Middle East Region. In recent years the Institute's research scope has been widened to include questions of political economy of relevance to developing countries. It aims to become a major research center focusing particular attention on the concerns of Arab and other developing economies. The IFE encourages collaborative work with appropriate national, regional, and international organizations and research centers.

Goals of the Institute

The principal goals of the IFE are:

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

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

During 2007–12 two major research projects were initiated at the Institute with support from the International Development Research Center (Ottawa, Canada). The first on “Explaining the Democracy Deficit in the Arab World” was completed in 2010; the outcome is a book manuscript 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 conditions that govern the transition from autocracy to democracy in the Arab countries as well as the nature of this transition. Managed by Samir Makdisi and Ibrahim Elbadawi, the project involves a number of other scholars from the Arab countries and abroad.

Other research projects sponsored by the Institute pertain to development, fiscal and monetary issues in Lebanon and the Arab World.

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

IFI at the American University of Beirut (AUB) 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. 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 are:

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 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.

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 (FHS). The working group is advised by a steering committee composed of a multidisciplinary group of AUB faculty, with the aim of researching, synthesizing, and disseminating quality research on youth well-being, while bringing practical, relevant, and situated recommendations to the policy-making process.

Policy and Governance in Palestinian Refugee Camps

The Policy and Governance in Palestinian Refugee Camps Program is a multi-year research, analysis, and policy-recommendations program to explore the public policy and governance challenges of Palestinian refugee camps in Lebanon, Jordan, Syria, the West Bank and Gaza. This program is the first integrated and coordinated mechanism to share the vast amount of individual and collective research that exists on Palestinian refugees in the region, while driving cross-sectorial analyses and using their conclusions to enrich policy-making by the various authorities and parties concerned.



Arab Uprisings Research Initiative

The Arab Uprisings Research Initiative, initiated by the office of the AUB Provost and managed by IFI is a long-term, multi-sectorial research project on the Arab uprisings, aiming to harness the University's many resources and assets to engage constructively to better understand the nature and consequences of the changes underway in the region.

Nadim Makdisi Memorial Fund

AUB-IFI received a generous endowment from the Makdisi family to honor the memory of Nadim A. Makdisi, one of Lebanon's accomplished journalists and publishers. IFI invites annually a prominent or recognized promising journalist or expert in current affairs with particular emphasis on the Middle East to AUB 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

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 the academic and intellectual life of the University. Our 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)

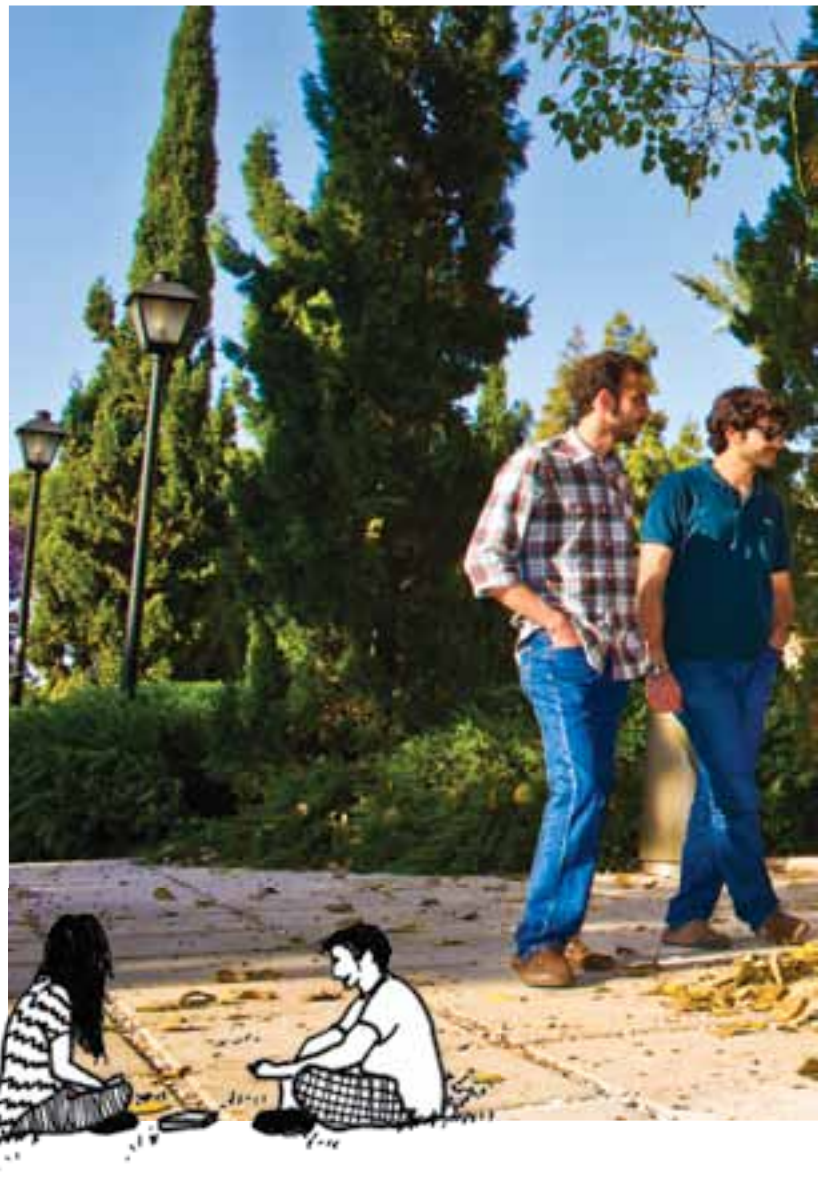
The overall mission of SMEC is to improve the quality of science and mathematics education in Lebanon and the region. More specifically, SMEC's mission has four components:

- 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 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 provides 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.



AUB MEDICAL CENTER (AUBMC) AND FACULTY OF MEDICINE



Certifications/Accreditations	80
Mission Statement	80
AUBMC 2020 Vision	80
Path 1: The New AUBMC 2020 Medical Complex	81
Path 2: Recruitment of top-caliber, highly specialized and accomplished faculty	82
Path 3: Relentless focus on understanding the patient and his/her changing needs	82
Path 4: Innovation through the creation of centers of excellence	82
Path 5: Commitment to the academic and research mission of the Faculty of Medicine and AUBMC	84
Path 6: Establishment of strategic partnerships and collaborations locally, regionally and internationally	85
AUBMC AND FM Leadership Team	86
Faculty of Medicine Departments	86
Specialized Clinical Services/Programs	86
Faculty of Medicine Faculty	87
Staff Members at AUBMC and FM	87
SAAB Medical Library	87
Lebanese Corner: repository of Lebanese medical publications (9000 documents)	87



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

AUBMC is the only medical institution in the Middle East to have earned the three international accreditations of 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 AUBMC 2020, 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 352 beds, serving 30,732 in-patients annually. The outpatient facilities receive 318,721 outpatient visits annually (242,341 private, 28,731 outpatient department, and 47,649 emergencies). AUBMC seeks to provide the highest standards of patient-centered care, quality and safety, partnered with service excellence.



Major gift from the family of late Moufid Farra, BBA 1958, supports AUBMC heart and vascular outpatient center

Certifications/ Accreditations

- Certification by the Lebanese Ministry of Public Health
- Joint Commission International (JCI)—AUBMC was the 1st medical center in Lebanon to receive JCI accreditation
- Magnet® designation—AUBMC was the 1st and remains the only 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 1st in Lebanon to gain CAP accreditation
- European Group for Blood and Marrow Transplantation—AUBMC's Bone Marrow Transplant Unit was the 1st in Lebanon to acquire this accreditation.

Mission Statement

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

AUBMC 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. Six main pillars have been identified as the paths guiding AUBMC to achieve its ambitious 2020 vision.

1. Development and implementation of the new AUBMC 2020 Medical Complex
2. Recruitment of top-caliber, highly specialized and accomplished faculty
3. Relentless focus on understanding the patient and his/her changing needs
4. Innovation through the creation of clinical and research Centers of Excellence
5. Commitment to the academic and research mission of the Faculty of Medicine and AUBMC
6. Establishment of strategic partnerships and collaborations locally, regionally and internationally.

Behind each of the six 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.

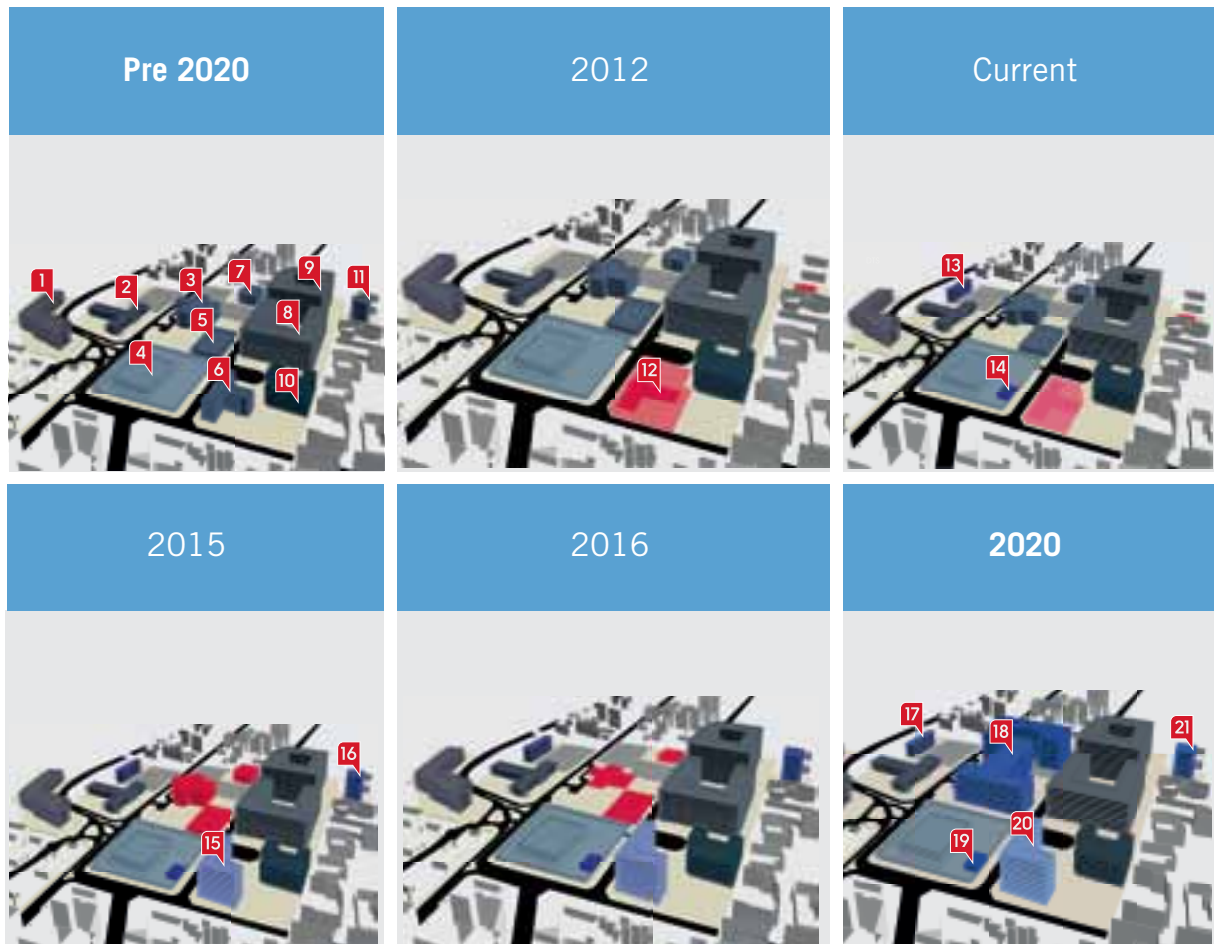
Path 1: The New AUBMC 2020 Medical Complex

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 seven years. Here is the progress of the AUBMC 2020 Medical Complex in pictures.

AUBMC 2020 Medical Complex



*Demolished *New Construction Buildings

- | | |
|---------------------|----------------------|
| 1. DTS | 7. Dale Home |
| 2. Building 23 | 8. Phase I |
| 3. Building 56 | 9. Phase II |
| 4. SML | 10. HSON |
| 5. Issam Fares Hall | 11. Salloum Building |
| 6. Faculty I | 12. Parking |

- | |
|---|
| 13. Sawwaf Building (PET-CT) |
| 14. MD Café |
| 15. Academic and Clinical Center (ACC) |
| 16. Medical Administration Building (MAB) |

- | |
|---|
| 17. Sawwaf Building (PET-CT) |
| 18. New Medical Center (NMC) |
| 19. MD Café |
| 20. Academic and Clinical Center (ACC) |
| 21. Medical Administration Building (MAB) |

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

90 faculty recruited since Summer '09:

- 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
- 16% Professor
- 11% Associate Professor
- 53% Assistant Professor

Specialized skills include:

- 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 to AUBMC

Path 3: Relentless focus on understanding the patient and his/her changing needs

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

AUBMC Core Values

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

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

Path 4: Innovation through the creation of centers of excellence

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
- Immunology
- Therapeutic Stem Cells



Path 5: Commitment to the academic and research mission of the Faculty of Medicine and AUBMC

Outstanding Education

In addition to a rigorous academic program leading to the MD degree, AUBMC offers many residency training programs, a two-year certified training program in clinical psychology, and a PhD program in biomedical science.

To maintain its leadership role in the provision of medical education, the Faculty of Medicine is redesigning its curriculum to reflect the changing needs of the health care profession through the IMPACT Curriculum.

As the leading academic medical center in the region, AUBMC offers training and education to health care providers through its Continuing Medical Education (CME)

Office, Clinical and Professional Development Center (CPDC), and External Medical Affairs (EMA) Office. Established in 2010, AUBMC's CME Office organizes courses and trainings on kidney transplantation, multiple sclerosis, cardiovascular diseases, biomedical ethics, Advanced Trauma Life Support (ATLS), nursing, and health informatics.

Innovative Research

AUBMC doctors and research scientists have long been recognized for pioneering medical procedures and technologies in the region. In recent years, we have established a Clinical Research Institute, a Human Resource Protection Program, and an Office of Research Education to promote our national and regional efforts to improve research standards especially for human subject research.

These initiatives are bolstered by the activities of the WHO Arab Regional Center for Research, Training and Policy Making in Mental Health, which is also based at AUBMC. So is the



Grooundbreaking ceremony of AUBMC's Academic and Clinical Center under the patronage of President Michel Sleiman

Salim El-Hoss Bioethics and Professionalism Program, which is the first targeted initiative in the Arab world established to educate stakeholders, conduct research, and champion issues related to professionalism and bioethics.

We are also leveraging our well-known reputation in stem cell and cancer research to establish five basic and translational research centers of excellence in cancer biology, cardiovascular sciences, genetics, immunology, and therapeutic stem cells.

Path 6: 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:

- Institution of choice for partnerships
- Assist with capacity building
- Improve access to more patients
- Improve the quality of health care in Lebanon and the region
- Foster clinical exchange and collaboration
- Improve training opportunities
- Support mission of AUB and AUBMC



Current local partnerships include

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

Current regional partnerships include

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

Over the past three years, these partnerships have offered AUBMC the opportunity to cater to its patients at various sites, to care for new patients at these hospitals as well as to share complementary diagnostic services and equipment. Furthermore, these partnerships allow AUBMC to cater to patient populations that have limited access to AUBMC and are important for our training programs. To date, approximately 3,800 admissions have been made to these partnering hospitals.

The agreement with 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.

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. Adnan Tahir
AUBMC Director/ Chief Medical Officer
- Dr. Dania Baba
Chief Operating Officer of AUBMC

Faculty of Medicine Departments

- Anesthesiology
- Biochemistry and Molecular Genetics
- Cell Biology, Anatomy and Physiological Sciences
- 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 our patients. These services target health areas that are prevalent or important to Lebanon and allow AUBMC to lead the delivery of patient care through a focus on a comprehensive and multidisciplinary approach. In addition to the Centers of Excellence mentioned above, below is a list of some of the specialized clinical services and units available at AUBMC:

- AUBMC Special Kids Clinic (ASKC)
- Calcium Metabolism and Osteoporosis Program-Bone Density Unit
- Center for Skull Base Surgery
- Children's Heart Center (supported by the Brave Heart Fund)
- Comprehensive Adult and Pediatric Epilepsy Program
- Executive Health and Travel Medicine Program
- Hamdan Voice Unit
- 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	106
Associate Professors	72
Full Professors	98
Faculty Instructors full and part-time	30
Total Faculty	306

Trainees: 300 resident physicians and 54 postdoctoral fellows.

Special Collections

- 2000 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 Content and Index and links to original text.
- Old AUB pharmacy hand-written thesis 1897-1919
- MD Theses 1928-1931
- Theses 840 (print and online)
- Tamir Nassar's Histology Instructional Posters, 1930s and 1940s

Staff Members at AUBMC and FM

Staff	
FM	102 Non-academic staff, 264 Research Assistants
AUBMC	2626

Lebanese Corner: repository of Lebanese medical publications (9000 documents)

A valuable resource to researchers interested in health in Lebanon as it houses mainly grey literature that is not captured anywhere else.

Evidence By Specialty: a collection of latest EBM documents by subject specialty.

SAAB Medical Library

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

Collections

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



10

ALUMNI



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

AUB Alumni Facts and Figures (Updated January 2013)

- Total Number of living alumni = 57,368
- Total number of alumni with at least one form of contact information = 44,007 or 77%

Alumni Distribution by Region

- Europe: 2.5%
- Lebanon: 45%
- MENA: 11%
- North America: 10.5%
- Rest of World: 1%
- Unknown: 25%

Alumni Distribution by Faculty

- Agriculture and Food Sciences: 7.5%
- Arts and Science: 41%
- Division of Education: 11%
- Engineering and Architecture: 20%
- Faculty of Medicine: 9%
- Health Sciences: 1%
- Pharmacy: 1%
- Olayan School of Business: 18%
- Rafic Hariri School of Nursing: 3%

Alumni Distribution by Decade

- 1920-60: 9.5%
- 1961-70: 10%
- 1971-80: 14%
- 1981-90: 18%
- 1991-2000: 19%
- 2001-12: 32%



Board of Trustee Members elected by AUB Alumni

- Fawzi Melhem
 - Najat Zaarour
 - 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
- Abdallah S. Darwiche, Treasurer
- Roland Abi Nader, Member at Large
- George M. Ayoub, Member at Large
- Hiba Talal Bitar, Member at Large
- Rani H. Daher, Member at Large
- George Habet, Member at Large
- Marwan Hayek, Member at Large
- Nasri Kawar, Chair – Chapters Committee
nskawar@yahoo.com
- Flare Zawati Majali, Member at Large
- George E. Riachy, Chair of Outreach
Committee
- Ghadah Bejjani Rihani, Chair – Programs
Committee
grihani@hotmail.com
- Fadlo T. Touma, Chair of the Governance
Committee, Ex-officio
- Mohamad Wehbi, Member at Large

WAAAUB Alumni Council

Lebanon

- Sabbah Al Haj
- Mireille Akl
- Mona Al Ahdab
- Emile Azzam
- Michel Bassel Bayoud
- Nour Bitar
- Arminee Choukassizian
- Ahmad El Khatib
- Reem Fayyad
- Sami Garabedian
- Elias Kamal Ghanem
- Samir Mohsen Hajj

- Sahar Alam Hamze
- Berj A. Hatjian
- Rasha Hibri
- Alia Ibrahim
- Abdo Jirjus
- Aline Kahwaji
- Kholood Al-Wattar Kassem
- Gladys Mouro
- Widad El Abed Nsouli
- Patrick Ogden-Smith
- Salwa Sabbagh
- Salah Saliba
- NadimTabbal
- Hadi Tabbara
- Amira Tabsh
- Ghina Y. Tabsh
- Khaled Traboulsi
- Tracy Nasr Yaacoub
- Sophie Hassan Hallal

Europe

- Iyad Abu-Shakra
- Leila Ghantus Buheiry
- George Habet
- Maha A. Harb
- Malek Fadlallah Khatib
- Carla Harrak May
- Maybel A. Saleh
- Sami H. Saliba
- Elie Salloum
- Maya W. Terro
- Anthanasia (Soula) Zavou

MENA

- Maha M. Al Amir
- Joseph Akhras
- Jean Eid
- Roger Feghali
- Michel Hage
- Marwan Hayek
- Salma Malas Ibrahim-Basha
- Vatche Kourkejian
- Wael Abdel Malak
- Nouhad Khuri Majdalani
- Ghassan A. Abdel Rahman
- Suha Eid Takieddine
- Mona Yassine

North America

- Tarek N. Darwish
- Joseph ElKhoury
- Ali Ahmad El Solh
- Aline Mikhael El Zakhem
- George Ephrem
- Bassam Ahmad Hajj
- Johnny Morris Kairouz
- Jeffrey G. Karam
- Sana Tannoury Karam
- Maya E. Khezam
- Charbel J. Moubarak
- Tarek Nsoulli
- Bassam Omari
- Mirna Choujaa Rahhal
- Hana Abu-Salman Saab
- Hanan Shuja' Saab
- Hala G. Zahreddine

Rest of World

- Ibrahim Ahmad Shafeeq
- Kishore Kumar Jha
- Nadia Jaroush de Massud

Chapter Presidents Europe

- WAAAUB Cyprus Chapter
Andis S. Nathanael – President
- WAAAUB Germany Chapter
Abdallah Bou Saleh – President
- WAAAUB Greece Chapter
Zuhair Haddad – President
- WAAAUB Paris Chapter
Dima Daouk – President
- WAAAUB Swiss Chapter
Muwaffak Bibi – President
- WAAAUB United Kingdom Chapter
Talal Farah – President

Chapter Presidents Lebanon

- WAAAUB Beka'a Branch
Ghada Karaawi – President

- WAAAUB Mount Lebanon Branch
Samir Abu Samra – President
- WAAAUB North Lebanon Branch
Abdallah Adra – President
- WAAAUB South Lebanon Branch
Yasser Mhanna – President
- WAAAUB Agricultural and Food Sciences
Chapter
Abbas Yaghi – President
- WAAAUB Business and Management Chapter
Riad Choucair – Acting President
- WAAAUB EMBA Chapter
Wafa Saab – President

- WAAAUB Engineering and Architecture
Samir Traboulsi – President
- WAAAUB Health Sciences Chapter
Wissam Doudar – President

- WAAAUB Medical Chapter
Ahmad Husari – President
- WAAAUB Nursing Chapter
Najwa Kais – President
- WAAAUB Pharmacy Chapter
Alexander Abdelnoor – President
- WAAAUB Computer Science Chapter
Wadi' Jureidini – President

Chapter Presidents MENA

- WAAAUB Bahrain Chapter
Shaikha Mai Al Otaibi – President
- WAAAUB Cairo Chapter
Samar Sallab – President
- WAAAUB Club of Jordan Chapter
Abdel Hamid Bibi – President

- WAAAUB Kuwait Chapter
Faisal Ali A. Mutawa – President
- WAAAUB Oman Chapter
Fathi Alaaiddin – President
- WAAAUB Palestine Chapter
Marwan Durzi – President
- WAAAUB Qatar Chapter
Nabil Boulos – President
- WAAAUB Eastern Province Chapter
Marwan Gholmieh – President
- WAAAUB Jeddah Chapter
Samir Kreidieh – President
- WAAAUB Riyadh Chapter
Eddy Moufarrej – President
Sami Moubayyed – President
- WAAAUB Abu Dhabi Chapter
Richard Feghali – President
- WAAAUB Dubai and Northern Emirates Chapter
Yasser El-Hajj – President
- WAAAUB Indiana Chapter
Edmond Bendaly – President
- WAAAUB Southern Florida-Miami Chapter
Alex T. Zakharia – President
- WAAAUB Michigan Chapter
Manal Assi – President
- WAAAUB – Midwest Chapter
Rula Haddad Khalifa – President
- WAAAUB Montreal Chapter
Zeina Shbaklo – President
- WAAAUB New England Chapter
Lamya Shihabuddin – President
- WAAAUB New York-Tristate Area Chapter
Roland Abi Nader – President
- WAAAUB North Carolina Chapter
Raja Khalifah – President
- WAAAUB North Texas-Dallas Chapter
Nina Al-Saghir Salhab – President
- WAAAUB Northern California Chapter
Nabil Saad – President

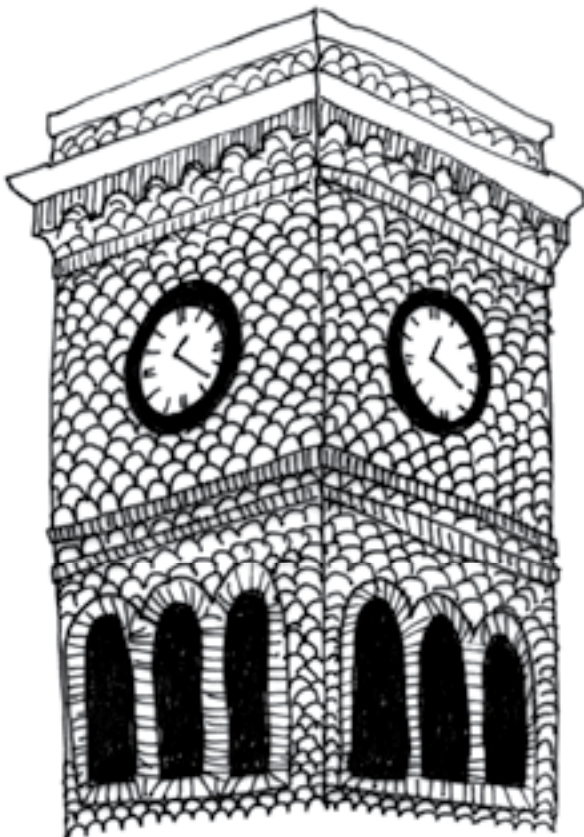
Chapter Presidents North America

- WAAAUB Arizona Chapter
Said Salloum – President
- WAAAUB Atlanta Chapter
Mohammad Wehbi, MD – President
- WAAAUB Baltimore Chapter
Ramzi Namek – President
- WAAAUB Cardiology Chapter
Samer Dibs, MD – Coordinator
- WAAAUB – Northeast Ohio-Cleveland Chapter
Armand Krikorian, MD – President
- WAAAUB Endocrine Club Chapter
Armand Krikorian, MD – President
- WAAAUB Ohio Valley Chapter
Hala Zahreddine – President
- WAAAUB – Ottawa Chapter
Elias Absi – President
- WAAAUB Philadelphia Chapter
Nasri Kavar – President
- WAAAUB Pittsburgh Chapter
Caesar Azzam – President
- WAAAUB Psychiatry Chapter
Noha Sadek – President
- WAAAUB Southern California Chapter
Hisham Hamadeh – President

- WAAAUB Central New York-Syracuse Chapter
Amin Elhassan – President
- WAAAUB Toronto Chapter
Talar Sahsuvaroglu – President
- WAAAUB Greater Washington DC Chapter
Hady Khoury – President
- WAAAUB Washington State Chapter
Hassan Issa – Vice President

Chapter President's Rest of World

- WAAAUB Maldives Chapter
Zahiya Zareer – President
- WAAAUB Nigeria Chapter
Faysal El-Khalil – President
- WAAAUB Sudan Chapter
Gasim Badri – President



International Board of Overseers

Suliman S. Olayan School of Business (OSB)

- **HE Sheikh Salem Al Subah**
Governor
Central Bank of Kuwait
- **Ali Fekrat**
Professor Emeritus
McDonough School of Business
Georgetown University
- **Yash Gupta**
Former Dean
The John Hopkins Carey Business School
- **Gabriel Hawawini**
Former Dean
INSEAD
- **Samuel Hayes**
Jacob H. Schiff Professor of Investment
Banking, Emeritus
Harvard Business School
- **Erik Hoffmeyer**
Former Governor
National Bank of Denmark
- **Abdallah Jumah**
Former CEO and President
Saudi Arabian Oil Company
Dhahran
Saudi Arabia
- **HE Najib Mikati**
Trustee and former Prime Minister
- **Jacques Nasser**
Managing Director
Equity One Partners

- **Khaled S. Olayan**
CEO
The Olayan Group
- **Sir Geoffrey Owen**
Former Editor/*Financial Times*
London School of Economics
- **Dean Richard Schmalensee**
Howard W. Johnson Professor
of Management
MIT
Sloan School of Management
- **Peter Wodtke**
Businessman
Washington
- **Phillip A. Griffiths** (Professor Emeritus, School of Mathematics, IAS, Princeton);
- **Nicola N. Khuri** (Professor Emeritus, Laboratory of Theoretical Physics, Rockefeller University);
- **Don B. Zagier** (Director, Max Planck Institute for Mathematics, and Professor at the Collège de France).

FAFS Advisory Board

- **Musa Freiji**, Owner and General Manager, Tanmia
- **Sawsan Wazzan Jabri**, Owner and Director, Nutrition Diet Center
- **Khalil Melki**, Partner and General Manager, Unifert, SAL
- **Riad Saadeh**, Owner and President of Comptoire Agricole du Levant
- **Ex-Minister, Mr. Elie Skaff**, Minister of Agriculture
- **Monther Al Harthi**, Chief Executive Officer Al Rabie Saudi Food CO. LTD.

International Advisory Committee

Center for Advanced Mathematical Sciences (CAMS)

- **Sir Michael Atiyah** (Chair);
- **Robbert Dijkgraaf** (Distinguished University Professor of Mathematical Physics, University of Amsterdam, and President of the Royal Netherlands Academy of Arts and Sciences);
- **Yussef Abu-Khadra**
Former Member
Invest Corporation International Ltd.
UK
- **Diraar Alghanim**
President
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
Societe National d'Assurance sal
Lebanon



Compiled by Monia Hamzeh
Office of Institutional Research and Assessment

Designed and produced by the Office of Communications, 2013



AMERICAN UNIVERSITY OF BEIRUT

PO Box 11-0236
Riad El-Solh 1107 2020
Beirut, Lebanon

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

Fax: +961 1 365 019

Email: oira@aub.edu.lb
www.aub.edu.lb/oira