Supporting Arts and Sciences Education
A WORD FROM THE PRESIDENT

Dear Friends,

The LAU School of Arts and Sciences is at the core of our liberal arts education. Since its inception, the school has offered a required core curriculum that is focused on the humanities, the social sciences and the sciences. Our goal is to strengthen our students’ critical thinking, competence in oral and written communication, respect for human dignity, gender awareness, regard for diversity, and to provide an excellent grounding in the sciences.

As a result of our emphasis on courses in liberal arts and the sciences, students and faculty are making impressive contributions to the study of philosophy, literature, history, political science, psychology, sociology, the natural sciences, the fine and communication arts, and design. They are leaving their marks in the areas of gender studies, immigration, civil society, conflict resolution and human rights. Our excellent education program has always graduated capable teachers for elementary and secondary schools, and we believe that a country is only as strong as its teachers. At the same time, our programs in mathematics, biology, chemistry and computer science provide students with opportunities to participate effectively in a world that is increasingly technological and global.

We continue to revise our program offerings and to add new ones where needed. Further, we are determined to continue to recruit and retain caring, first-rate faculty, foster the learning experience of our students, expand our state-of-the-art facilities and strengthen our merit-based scholarships for deserving students.

In our quest to offer the best possible liberal arts education, we are grateful for the contributions of our alumni and benefactors. Your generosity enables us to offer financial assistance to deserving students and to pursue our mission of excellence in the education of the whole person. With your support, I am confident that we can continue to promote the LAU School of Arts and Sciences and maintain its vibrant energy.

Sincerely,

Joseph G. Jabbra, Ph.D.
President
Lebanese American University

Our goal is to strengthen our students’ critical thinking, competence in oral and written communication, respect for human dignity, gender awareness, regard for diversity, and to provide an excellent grounding in the sciences.
LAU’s School of Arts and Sciences is committed to a comprehensive and multifaceted liberal arts education.

WELCOME FROM THE DEANS

Dear Friends,

As stated in our mission, LAU’s School of Arts and Sciences is committed to a comprehensive and multifaceted liberal arts education. We strive to encourage research, provide our faculty and students with the intellectual tools needed to think critically, promote an atmosphere of honesty and integrity, identify connections across disciplines, and foster tolerance of diverse viewpoints.

To achieve our goal of graduating well-rounded individuals from our institution, we must be able to introduce new academic minors that will enhance an interdisciplinary education, and promote majors that will improve the school’s liberal arts mission: English Literature, Philosophy, Psychology and History.

We also encourage class activities that have a direct impact on the community and the world at large, such as the highly successful Harvard World Model United Nations, the International Theater Festival, major play productions, TV public screenings and Fine Arts and Graphic Design exhibits. We also take pride in our labs within the departments of Physics, Chemistry, Biology, Computer Science and Graphic Design, as well as our TV/film studios, photography labs and theaters.

Over the past 10 years we have made terrific strides in providing unique learning opportunities for students, in addition to hiring top-quality faculty and staff members, and revising programs to enhance the curriculum. All of these advances help us to graduate highly-skilled professionals and specialists. As strong believers in a liberal arts education, we hope to continue to develop our programs by hiring the best faculty members, improving our lab and theater facilities, promoting the use of technology, adding new programs and encouraging research that enhances the general intellectual atmosphere within the school.

Thank you for your continued interest in our school.

Samira Aghacy
Dean, School of Arts and Sciences
Beirut

Fuad Hashwa
Dean, School of Arts and Sciences
Byblos
The Lebanese American University is an American institution chartered by the Board of Regents of the University of the State of New York and operating in Lebanon. Originally founded as a Presbyterian school for girls in 1835, LAU is a private, nonsectarian, co-educational institution of higher education encompassing five academic schools. Its two campuses in Beirut and Byblos offer more than 6,800 undergraduate and graduate students a wide range of academic and professional degrees.

LAU is a multi-campus, career-oriented institution that prepares students for responsible living within the rich heritage and multiple needs of their communities. Lebanon provides the academic freedom essential to intellectual growth and the fruitful interaction of cultures. The country offers a rich and diverse heritage to a student body representing more than 50 nationalities.

LAU’s impressive history and ambitiously promising future revolve around a thriving core, the School of Arts and Sciences. Not only is it the oldest school in the university, it is an academic crossroads, drawing students from all disciplines.

Our liberal arts mission instills in students a strong background in critical thinking, giving them the tools to resolve conflicts, develop ties with other cultures and promote attitudes of integrity and tolerance – all of which serve society in practical ways. Students also engage in community outreach work and take part in a wide-ranging education that develops them into graduates who are highly sought-after in the demanding job markets of the region.
Commitment to High Academic Standards

The School of Arts and Sciences seeks to grow in tandem with LAU. From its popular majors of Arts and Psychology and minors in Islamic Art and Architecture Design, to the progressive outlook of its faculty, the school is central to the liberal arts focus of the university.

While LAU’s liberal arts curriculum touches every student, more than 4,000 are enrolled across its more than 30 majors in six departments: Natural Sciences, Humanities, Social Sciences, Arts and Communication, Education, Computer Science and Mathematics.

The School of Arts and Sciences also offers five master degrees that lay the foundations for distinguished careers. One of the most highly sought-after programs is the M.A. in Comparative Literature, in which students pursue an interdisciplinary study of literature and other cultural productions across national, ethnic and linguistic boundaries. Our M.A. in Education prepares students in the rapidly changing field of education, with the goal of training highly qualified instructors to fill the needs of our region. Responding to new global challenges, the M.A. in International Affairs is designed to provide education with real-life applicability. The M.S. in Computer Science develops students’ abilities vocationally and academically. LAU’s M.S. in Molecular Biology gives students not only the basic knowledge and tools for biological investigation, but also provides the background, knowledge and training to prepare them for the challenges of the future in biological and medically related disciplines.

The School of Arts and Sciences is committed to an expansionary vision and therefore is constantly seeking out ways to enhance the school. Current plans include the creation of a Bioinformatics Research Center, achieving professional ABET accreditation, and organizing a national programming center under the Department of Computer Science and Mathematics.

In addition, the school is establishing a B.S. in Nutrition, as well as introducing new majors in History, Philosophy and Mathematics.
In addition to rigorous coursework requirements, we encourage students to pursue their individual interests through extra-curricular activities. From theater festivals to film screenings, graphic design shows and fine arts exhibitions, the School of Arts and Sciences offers numerous opportunities that serve to entertain as well as to educate.
In keeping with LAU’s commitment to serve our region and beyond, the School of Arts and Sciences hosts a number of institutes that intellectually and practically address vital issues.

> **The Institute of Diplomacy and Conflict Transformation** devises new techniques in the areas of conflict prevention, peace-building and peace-making efforts.

> **The Institute for Media Training and Research** is the catalyst for conferences and training events dealing with issues such as media, journalistic practices and ethics, investigative reporting, stereotypes of Arabs and other relevant issues.

> **The Institute for Migration Studies** looks at migration as a key issue in understanding the structure of Middle Eastern countries, where, in general, little is known about the impact of emigration and immigration on the social, cultural, economic and political fabric of society.
> The Institute for Peace and Justice Education serves as a forum to spread awareness of what a peaceful, just, democratic and humane society can do for mankind. The institute sheds light on, among other issues, poverty; inequalities in social, economic and educational opportunities; and lack of cultural, social, economic and political freedoms.

> The Teacher Training Institute enables professionals to meet the unique curriculum and reform needs of schools throughout the country. It provides continuing professional development for educators in the region, and serves as a link between LAU and educational institutions in Lebanon and the surrounding region.

> The Software Institute strives to make Lebanon regionally competitive and internationally visible by promoting modern software engineering practices. The institute conducts seminars and training courses on modern practices, programming methodologies and software technology, and organizing yearly internships, projects, and summer school classes.
REACHING OUT TO THE WORLD

LAU’s School of Arts and Sciences aspires to improve its academic services and curriculum by seeking affiliations with esteemed parties who may partner with the school on special projects. At the same time, we create our own initiatives within the campus to better aid and support our teaching mission. Below are some recent highlights:

1. Genomics and Proteomics Research Unit Lab at the Natural Sciences Department
   The Genomics & Proteomics Research Lab was established by the School of Arts and Sciences in Byblos in 2005. It has already received major support for the development of genomics and proteomics research, and is the only accredited lab outside the EU to be a regular member of the SeqNet organization. Lebanon and the Arab world are in dire need of the opportunities offered by genetic research in order to participate in and contribute to the global efforts to improve human health.

2. Memorandum of Understanding with EDUWARE-SAL and the Department of Education
   This Memorandum of Understanding aims at including technology in all education courses to enable students to develop professional skills and reenergize the curriculum review.

3. Partnership between Michigan State University, the Department of Education and the Teacher Training Institute to deliver an ICT in Education at LAU
   Michigan State University offers a very successful Educational Technology Certificate. LAU has entered into partnership with MSU to introduce and support gender-inclusive approaches to learning. Its purpose is to strengthen and improve all the educational training and teacher-outreach programs at LAU. It also aims to acquaint the teacher-training faculty with the tools required to help both pre-service and in-service teachers in Lebanon using ICT in their class work.
4. **The Harvard United Nations Simulation World Model**
   To cement the values of citizenship, peace, justice and human rights in a democratic state, the Department of Social Sciences is committed to promoting effective communication methods and strategic thinking by using workshops, internships and community service initiatives, the best recent example being the International United Nations Simulation Model.

5. **Creation of the Daily Tribune Student Newspaper**
   Beautifully designed and covering a variety of topics, the Daily Tribune is a proud achievement of both the faculty and students on Beirut campus. This daily press tackles inter-university issues as well as regional news and commentary, and since its inception has been one of the university’s greatest student accomplishments, as it is run solely by students.

6. **Actuarial Studies Minor Introduced at the Department of Computer Science and Mathematics**
   The objective of the recently introduced Actuarial Studies minor is to provide students with the knowledge to work in the general areas of life and health insurance, pension funds and financial security. The courses aim to prepare students to take the preliminary actuarial examinations administered by the Society of Actuaries and the Casualty Actuarial Society in the United States.
7. Annual Festival and Major Productions Organized by Faculty and Students for the Department of Arts and Communication
LAU’s Department of Arts and Communication is highly respected in Lebanon, with weekly student productions, visiting troupes, concerts, and film screenings. Within the department, students are exposed to the working environment of drama as well as building team spirit and finding creative outlets.

8. Wastewater Treatment Plant Project
In 2007, LAU inaugurated the construction of a European Union-funded $250,000 wastewater treatment plant. This new project, part of a $500,000, four-year EU grant to LAU, serves the LAU community and is available for teaching and research. It will also serve local municipality engineers in their capacity-building efforts.

9. LAU Exchange Resources
Several collaborations have been initiated with international universities to conduct joint research and enable the exchange of faculty and students, among which are the Technical University Hamburg-Harburg (Biotechnology), the University of Heidelberg in Germany (Molecular Biology & Medicinal Plants), the University of Erfurt in Germany (Political Science), the University of California at Davis (Genomics, Water & Environment, Women & Gender Issues, and Middle Eastern Studies), and the Ecole Polytechnique de Montreal as well as the Department of Computer Sciences and Mathematics.
OUR ALUMNI … A MESSAGE OF EXCELLENCE FOR DECADES

In one sense, the success of LAU can be measured by the success of its alumni. Our alumni in the Arts and Sciences continue to carry their knowledge and work ethic all over the world, and some of their reflections on their education are summarized below.

Chadi Zeneddine, Communication Arts – Radio/TV/Film (’01):
“My dream of being an international filmmaker was born during my years at the School of Arts and Sciences at LAU...and here I am now, as ‘Falling from Earth,’ my first feature film, is touring all over the world and I am currently in pre-production for ‘The Last of the Storytellers,’ a new film to be produced by an American studio, and in Arabic, too ... This is not a dream anymore ... we are making history ... and LAU has been a grand part of it.”

Samir Abou Samra, MS Computer Science (’95):
“I am proud to be an LAU graduate, as the institution provided me with a top-notch education. The school contributed to my future by providing excellent faculty members, an up-to-date curriculum and just a great atmosphere overall.
Now I work at DigiPen USA Corporation, where I am the Computer Science Department chair for the Real Time Interactive Simulation and Chief Technology Officer for the engineering division. I teach computer graphics and computer science courses and work on simulation and educational projects for third parties such as Microsoft and Boeing. It all started with the School of Arts and Sciences at LAU, and I am eternally grateful.”

Merlyn Bazi, Political Science/International Affairs (’02):
“At LAU, I was introduced to the different concepts of peace and justice education ...all of which refined my views of the world and inspired me to grow and become a defender of peace. This has led me to work with the United Nations on a peacekeeping mission in Darfur-Sudan for the past three years. I have become more passionate than ever to carry on this work and help humanity at large to achieve peace because of my studies and mentors at LAU.”
Faculty in Action … A Passion for Education, Research and Service

Kristian Aercke
Chairperson/Humanities-Beirut campus, Ph.D., Comparative Literature, University of Georgia, 1988

“I enjoy being able to promote skills of critical reading and thinking at the School of Arts and Sciences instead of conveying skills specifically appropriate to professional schools. I also am deeply gratified by the open library budget and the firm and fair policies on classroom management. I have been immensely happy to interact with people from so many cultures and religions that are originally from an unfamiliar environment to me.”

Samira Korfali
Chairperson/Natural Sciences-Beirut campus, Ph.D., Chemistry, University of Bradford, 1999

“I always aim to sustain a friendly attitude among faculty members, insuring that the students are equipped with the best educational methods and environment. Working with LAU and its students has driven me to cope better with changes in society, as well as learning about the latest scientific technologies, and I am very pleased to see how many of our students are dream-filled pioneers in an evolving, productive society.”

Ahmad Oueini

“My students are hard to please and highly critical. They have great expectations in terms of course content, means of evaluation, and faculty-student interaction. We are the school most responsible for communication skills, and we provide the broad knowledge that students will use in the real world. I deeply enjoy interacting with my students who show wit and character, yet are disciplined and serious.”
Nashaat Mansour  
Chairperson/Computer Sciences and Mathematics-Beirut campus, Ph.D., Computer Science, Syracuse University, 1992

“It is wonderful to discover every day how education transforms the lives of young people. I find their development to be synonymous with my own continuous learning and self-development. Anyone who gives to LAU would be aiding high-quality education offered in Lebanon and the region. It is investing in the people themselves, which is the most important element of social and economic development.”

Paul Tabar  
Chairperson/Social Sciences-Beirut campus, Ph.D., Sociology/Anthropology, Macquarie University, 1990

“Our department is characterized by a great team spirit resulting in a harmoniously productive environment. I am always pleased to be challenged in how to best communicate my knowledge and expertise to students who deserve the best personal care, and to sustain the development of their critical thinking about the societies around us in the world.”

Raed Mohsen  
Chairperson/Arts and Communication-Beirut campus, Ph.D., Interpersonal & Public Communication, Bowling Green State University, 1987

“I always appreciate how the Arts and Sciences students are open to cultural diversity. They are creative, genuine and easy-going. Teaching them at LAU has made me realize the importance of being student-centered. Your help will enable gifted students who cannot afford the tuition fees at LAU to contribute to the state of art in the region. Without this support, our society is not using its full resources.”
Irma Ghosn  
Chairperson/Humanities and Social Sciences-Byblos campus, Ph.D., Education (Applied Linguistics/TESOL), University of Leicester, 2002

“Because the School of Arts and Sciences houses the liberal arts core curriculum, we are fortunate to have daily contact in our classes with students from all the different majors offered at LAU. To me, this is a constant source of inspiration and learning. While science and technology continue to improve our quality of life, without humanities and the arts that life would be empty, as it is humanities and the arts that enrich the human experience and uplift the human spirit beyond the ordinary.”

Haidar Harmanani  
Chairperson/Computer Science and Mathematics-Byblos campus, Ph.D., Computer Engineering, Case Western Reserve University, 1994

“The department of Computer Science is proud of its faculty, who have witnessed stability over the past 15 years and have matured at LAU. This has created a strong sense of commitment to the university mission in student-centeredness as well as to the department mission, while at the same time upholding a strong commitment to liberal arts education. Diversity in the School of Arts and Sciences helps us in technologically-related fields to have new perspectives on issues that we have become accustomed to take for granted.”

Constantine Daher  
Chairperson/Natural Sciences-Byblos campus, Ph.D., Biology, University of Surrey, 1998

“Over the last decade the department of Natural Sciences has witnessed remarkable growth in our dual missions of teaching and research. Our excellent and well-established programs emphasize novel integrated laboratory experiences through which students learn modern experimental techniques in up-to-date laboratories that provide the state-of-the-art facilities. Nevertheless, our department is considered as the platform for both pharmacy and medical students.”
Because expanding access to education in Lebanon is so important, the School of Arts and Sciences at LAU is focused on raising funds for students, faculty and research. LAU has succeeded in providing its students with a quality education, but we know more can be done, such as increasing our full-time faculty, which will allow for the provision of additional individualized support and increased research. This effort will help create important new opportunities for current and future students.

As part of the university’s dedication to a student-centered mission, we offer scholarships and financial aid to many of our qualified and deserving students. In 2006-07 alone, LAU gave more than $13 million to approximately 1,800 students, helping to make their academic dreams a reality. We aim to provide equal opportunity education to students of all backgrounds; in addition, we also award merit scholarships to academically exceptional students to encourage ambition, drive and perseverance. To be true to our mission, we must depend on our generous donors, benefactors and friends and the philanthropic pillars of society. With your help we can maintain this high level of financial aid for many of our deserving students.
The School of Arts and Sciences defines the liberal arts core of the university. The school strives to promote excellence in teaching and learning, encourage research and creative endeavors, foster tolerance for diverse viewpoints, and instill in students a respect for honesty in academic, professional and personal affairs.

For those who believe in its mission and support its vision, the school currently offers opportunities to attach their names, or the names of loved ones, to its programs and facilities. Naming opportunities fall under three major categories: academic chairs and programs, teaching and laboratory facilities, and student scholarships.

### Naming Opportunities

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### I. ACADEMIC CHAIRS AND LECTURESHP SERIES

#### A. Endowment of the School of Arts and Science Deanships

As chief academic officers of the school, the deans of the School of Arts and Sciences on each campus set direction and provide innovative leadership. By naming a deanship, a donor will create a legacy of leadership in the arts and sciences at LAU and in Lebanon.

*Gift: $3 million each*

#### B. Endowment of Academic Chairs

The creation of endowed chairs in the arts and sciences will enable LAU to honor the best professors at the university and to recruit and retain other leading academics. Chair holders provide guidance and supervision to students, engage in independent research, and generally add to the quality of academic life in the school and throughout the university.

*Gift: $2 million each*

#### C. Endowment of Lecture Series

Endowing a series for the School of Arts and Sciences will enable the school to host lectures on important themes featuring speakers with international credentials.

*Gift: $300,000*
II. ENDOWMENT OF SPECIALIZED INSTITUTES

Institutes within the School of Arts and Sciences bring together teaching, research and service. The work of these school-based institutes is more fully described on page 6 and 7 of this brochure. These institutes represent important naming opportunities.

1. The Institute for Migration Studies (IMS)
   IMS breaks the academic drought on this crucial subject by conducting research and publishing key scholarly works in the field of migration studies.
   **Naming Opportunity: $3 million**

2. Teacher Training Institute
   The Teacher Training Institute meets the unique curriculum and reform needs of schools throughout the country.
   **Naming Opportunity: $3 million**

3. Software Institute
   The Software Institute supports the development of the software industry in Lebanon with the goal of making the industry regionally competitive and internationally visible.
   **Naming Opportunity: $3 million**

4. Institute of Diplomacy and Conflict Transformation (IDCT)
   The IDCT employs a progressive definition of diplomacy in its efforts to create a culture of peace that will reduce violence and increase justice around the world.
   **Naming Opportunity: $3 million**

5. Institute for Media Training and Research
   This institute provides a dynamic forum for collaboration between the academic and professional media communities. With an advisory board that includes representatives of the region’s leading newspapers, advertising agencies and radio stations, the institute supports activities that bring together media practitioners, faculty and students.
   **Naming Opportunity: $3 million**

6. Institute for Peace and Justice Education (IPJE)
   IPJE is the first university-based institute of its kind in the Arab world. It promotes the creation of a peaceful, just, democratic and humane society.
   **Naming Opportunity: $3 million**

III. NAMING SCHOOL CENTERS AND FACILITIES

Nursery School

A modern facility with a program based on the latest studies in child development and early childhood research, this school addresses the needs of children between the ages of 2 1/2 and 5. The teachers are university graduates, and the facilities include observation booths, making it possible for parents, visiting teachers and students to observe.

*Cost of naming the Nursery School is available upon request.*
CAMPUS FACILITIES

IV. NAMING THE CENTER FOR GENETICS RESEARCH   $3 MILLION

| Endowed Academic Chair for Genetics Research | $2 million |

Established in 2005 by the School of Arts & Sciences in Byblos, the **Genomics and Proteomics Research Laboratory** has already received major support for the development of proteomics research, affording Lebanon and the Arab world the opportunity to contribute to global efforts to improve human health through genetic research. It is the only accredited lab outside the European Union that is a regular member of the SeqNet network of labs.

**Genetics Research Center**

This center will offer a full spectrum of research activities and provide particular opportunities in the following areas:

a. **Genomics Facility Core:** With a wide range of validated assays for analyzing changes in gene expression, this laboratory will apply the latest U.S. standards in genomics-based programs linking fundamental life science research programs with applied research across the campus.

b. **Genetic Information and Counseling Center:** This center will offer individuals the opportunity to undergo analyses to determine the existence of genetic risk factors for common and rare diseases, drug reactions, dosing regimens (pharmacogenomics) and other information.

c. **Gene Mining and Drug Discovery Center:** This center will use functional genomics technologies to generate a comprehensive description of complex diseases, which can then be used to study the causes of these diseases. Lebanese and Middle Eastern populations provide a unique opportunity to study the genetics of complex diseases, as the average rate of consanguineous marriages ranges from 25 percent to more than 50 percent.

**GRADUATE BIOLOGY LABS**

*Area Range: 47 m²-58.5 m²*  
*Gift: $95,000-$115,000 each*

These two labs are equipped to fit the research needs of the Molecular Biology Department, including three working-area benches for graduate students. Computers are linked to high-speed internet and the university network.

**NUTRITION LABORATORY (WATER AND FOOD ANALYSIS LAB)**

*Area: 46 m²*  
*Gift: $90,000*

This laboratory houses Nutritional and Chemical Food Analysis lab courses and the Food and Water Analysis Lab, which is responsible for the quality control of food offered by the cafeterias on both campuses.

**MICROBIOLOGY SEQUENCING LAB**

*Area: 33.8 m²*  
*Gift: $65,000*

For research in basic molecular microbiology, and biotechnology.
BIOLOGY TEACHING LABS
Area Range: 57.7 m²-82.3 m²
Gift Range: $115,000-$165,000 each
Each of these two labs accommodates approximately 20 students and is equipped with all necessary facilities for undergraduate and some graduate students, including a high-speed centrifuge and an ultracentrifuge.

CHEMISTRY TEACHING LABS
Area range: 65-123 m²
Gift range: $100,000-$200,000 each
Each of these two labs accommodates approximately 25 students and is equipped with all necessary facilities for undergraduate chemistry courses.

STUDIO
Area: 71.5 m²
Gift: $150,000
In this studio, students from graphic design, fine arts and foundation meet with faculty for work, discussion and critiques. The lab is equipped with professional graphic design hardware.

GRAPHIC DESIGN LABS
Area Range: 35 m²-45 m²
Gift: $70,000-$90,000 each
These two labs are equipped with the latest Macintosh computers with current software, scanners, printers, plotters, laminators, and silk-screen printing equipment.

COMPUTER LAB
Area: 175 m²
Gift: $350,000
The lab is equipped with modern and sophisticated computing facilities interconnected by a high-speed network. The center also is equipped with the latest software and multimedia tools including Adobe Imaging tools and AutoCAD.

HIGH-PERFORMANCE COMPUTER CENTER
Area Range: 32 m²
Gift $65,000
The center serves computer science students with 16 high-end research workstations.

MULTIMEDIA CLASSROOMS
Area Range: 32 m²-32.3 m²
Gift: $65,000 each
The computer science facilities in Byblos incorporate two multimedia classrooms equipped with 34 workstations and projection systems. These classrooms are used for interactive computer, business and English classes, in addition to training courses.

COOPERATIVE LEARNING CENTER
Area: 25 m² each
Gift: $50,000 each
At the center, students receive academic assistance from their peers. The center is administered by students with outstanding scholastic records, under the supervision of faculty advisors.
CAMPUS FACILITIES

IRWIN AUDITORIUM HALL
Area Range: 500 m²  
Price Range: $1.5 million
Irwin Hall, named after the university’s first president, was completed in 1950. A significant portion of the construction funds came through gifts from alumnae and friends. Irwin Hall Auditorium houses the university’s 393-seat Italian-style Irwin Theater, a venue for student and visiting productions. The theater includes an orchestra pit for musical performances. Naming opportunities are available upon request.

PHYSICS LAB
Area Range: 40 m²
Gift: $80,000
The physics laboratory is equipped with modern experimental setups enabling students to explore classical and modern physics.

BIOLOGY LAB
Area Range: 56 m²
Gift: $120,000
The biology laboratories are modern and up-to-date, equipped with sophisticated instrumentation supporting all disciplines of biology, with emphasis on contemporary molecular biology.

CHEMISTRY LAB
Area Range: 39, 68, and 85 m²  
Gift Range: $80,000-$170,000
Three chemistry laboratories are equipped with state-of-the-art instrumentation for chemistry, biology and pharmacy classes.

ACADEMIC COMPUTER CENTERS
Area Range: 33-112 m²  
Gift Range: $70,000-$230,000
The Beirut Academic Computer Center in Sage Hall operates a variety of computer-related services in addition to state-of-the-art computing facilities.

NEWSROOM
Area Range: 53 m²
Gift: $110,000
At the LAU newsroom in Nicol Hall, journalism students sharpen their writing, editing and layout skills in a fully computerized setting.
Supporting Arts and Sciences Education
Donor Opportunities

BEIRUT CAMPUS | IRWIN HALL BUILDING

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## Supporting Arts and Sciences Education

**Donor Opportunities**

**BEIRUT CAMPUS | SHANON HALL BUILDING**

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Supporting Arts and Sciences Education Donor Opportunities

**BEIRUT CAMPUS | ORME GRAY BUILDING**

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## Supporting Arts and Sciences Education Donor Opportunities

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<tr>
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<td>First Floor</td>
<td>3</td>
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<td>6 to 13</td>
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<tr>
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<tr>
<td>Second Floor</td>
<td>4</td>
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<td>9 to 24</td>
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</tr>
<tr>
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<td>Conference Room</td>
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<tr>
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<td>Graphic Design Studio</td>
<td>62</td>
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<td>2 Graphic Design Labs</td>
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<tr>
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<td>Newsroom</td>
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<tr>
<td>Third Floor</td>
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<tr>
<td>Third Floor</td>
<td>5</td>
<td>Dean’s Wing</td>
<td>74</td>
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</tr>
</tbody>
</table>
## Supporting Arts and Sciences Education

### Donor Opportunities

**BEIRUT CAMPUS | BUSINESS SCHOOL BUILDING**

<table>
<thead>
<tr>
<th>Floor</th>
<th>Level</th>
<th>Name</th>
<th>Size (m²)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six Floor</td>
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<td>11</td>
<td>2 Faculty Offices</td>
<td>10</td>
<td>$15,000 each</td>
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<td>12</td>
<td>1 Faculty Office</td>
<td>10</td>
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<td>Third Floor</td>
<td>12</td>
<td>1 Administrative Office</td>
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<td>$15,000</td>
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</tbody>
</table>
## Supporting Arts and Sciences Education

**Donor Opportunities**

**BEIRUT CAMPUS | SAGE HALL BUILDING**

<table>
<thead>
<tr>
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<th>Level</th>
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</tr>
</thead>
<tbody>
<tr>
<td>First Floor</td>
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<td>2 Administrative Offices</td>
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<td>First Floor</td>
<td>3</td>
<td>Physics Lab</td>
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<td>Biology Lab</td>
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</tr>
<tr>
<td>First Floor</td>
<td>3</td>
<td>2 Academic Computer Labs</td>
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<td>4</td>
<td>Chemistry Lab</td>
<td>39</td>
<td>$80,000</td>
</tr>
<tr>
<td>Second Floor</td>
<td>4</td>
<td>Chemistry Lab</td>
<td>68</td>
<td>$140,000</td>
</tr>
<tr>
<td>Second Floor</td>
<td>4</td>
<td>Chemistry Lab</td>
<td>85</td>
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</tr>
<tr>
<td>Second Floor</td>
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<td>Administrative Office</td>
<td>11</td>
<td>$15,000</td>
</tr>
<tr>
<td>Third Floor</td>
<td>5</td>
<td>8 Faculty Offices</td>
<td>9</td>
<td>$13,000 each</td>
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</table>
### Supporting Arts and Sciences Education

### Donor Opportunities

#### BEIRUT CAMPUS | FINE ARTS & GYMNASIUM BUILDING

<table>
<thead>
<tr>
<th>FINE ARTS BUILDING</th>
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<tbody>
<tr>
<td><strong>Floor</strong></td>
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<tr>
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</tr>
<tr>
<td>Third Basement Floor 1</td>
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<tr>
<td>Third Basement Floor 1</td>
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<td>First Floor 5</td>
</tr>
<tr>
<td>First Floor 5</td>
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<table>
<thead>
<tr>
<th>GYMNASIUM BUILDING</th>
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<tbody>
<tr>
<td><strong>Floor</strong></td>
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</tr>
<tr>
<td>Third Basement Floor 1</td>
</tr>
<tr>
<td>Third Basement Floor 1</td>
</tr>
</tbody>
</table>
## Supporting Arts and Sciences Education Donor Opportunities

**BYBLOS CAMPUS | BLOCK A BUILDING**

<table>
<thead>
<tr>
<th>Floor</th>
<th>Level</th>
<th>Name</th>
<th>Size (m²)</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
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<td>High Performance Computer Center</td>
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<td>First Basement Floor</td>
<td>4</td>
<td>Multimedia Classroom</td>
<td>32</td>
<td>$65,000</td>
</tr>
<tr>
<td>First Basement Floor</td>
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<td>Multimedia Classroom</td>
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<td>$50,000</td>
</tr>
<tr>
<td>Ground Floor</td>
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<tr>
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<td>10 Faculty Offices</td>
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<td>Meeting Room</td>
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<td>Third Floor</td>
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<td>Conference Room</td>
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<tr>
<td>Floor</td>
<td>Level</td>
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<td>Size (m²)</td>
<td>Price</td>
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<tr>
<td>---------------</td>
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<td>-------------------------------</td>
<td>-----------</td>
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</tr>
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<td>Ground Floor</td>
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<td>Administrative Office</td>
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<tr>
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<td>Faculty Office</td>
<td>15</td>
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</tr>
<tr>
<td>Ground Floor</td>
<td>1</td>
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<tr>
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<td>2</td>
<td>6 Faculty Offices</td>
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<td>First Floor</td>
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<td>Dean's Wing including an Administrative Office</td>
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<tr>
<td>First Floor</td>
<td>2</td>
<td>Administrative Office</td>
<td>14.5</td>
<td>$22,000</td>
</tr>
</tbody>
</table>
A Word from the President

Dear Friends,

A significant part of LAU’s strategic plan focuses on strengthening all the schools at the core of this great university. Among these is the School of Business, which has the largest enrollment of any school within LAU and has risen to play a leading role in our academic success.

The School of Business is committed to providing its students with an opportunity to learn the foundations and latest developments in their respective fields of business within a liberal arts environment. Through innovative teaching and research, our faculty members teach the diverse theoretical, methodological and practical skills our graduates need to succeed, not only in the world of business but in all future learning environments.

The School of Business is an excellent example of our exceptional progress as we continue to implement our strategic plan. Our strength in academics, deep dedication to our students, exemplary achievements in university governance, and prudent financial management continue to make LAU a success story.

Of course, the momentum we enjoy and the bright future we envision would not be possible without the commitment, enthusiasm and generosity of our alumni and other friends. Your faith in our mission gives us strength, your encouragement reinforces our enthusiasm for what we do, and your advice and wisdom keep us focused. Thank you for your support of the School of Business. We look forward to our continued partnership with you.

Sincerely,

Joseph G. Jabbra, Ph.D.
President
Lebanese American University

“The momentum we enjoy and the bright future we envision would not be possible without the commitment, enthusiasm and generosity of our alumni and other friends.”
Welcome from the Deans

Dear Friends of LAU:

After 30 years of providing educational opportunities through the School of Business, we would like to reflect not only upon our school’s inception, but on our many accomplishments. From our humble beginning as a business division, we have risen to play a leading role in the academic success of LAU. Through our campuses in Beirut and Byblos, the School of Business has, in fact, experienced a phenomenal rate of growth, with more than 3,000 students in its programs.

We have taken a proactive role in the region by establishing professional institutes, founding an internationally refereed journal, the Review of Middle East Economics and Finance, and establishing the first chapter of the Middle East Economics Association outside the United States. We hold annual international conferences in the fields of management, economics and finance, marketing, and human resources, in addition to domestic workshops, seminars and other intellectual activities.

We have approximately 35 full-time faculty members on our two campuses, where they are active in teaching, research and school services. These distinguished individuals consult for the business community, advise the public sector, sit on local and international private advisory councils and boards of directors, and serve on the editorial boards of various international academic refereed journals. In addition, the school relies on several part-time, professionally qualified faculty members to teach courses in their specific areas of expertise.

Our graduates are employed by leading banks and financial institutions, as well as in top accounting, auditing, management and marketing firms in Lebanon and abroad. In addition, many of our students go on to pursue graduate programs in the United States and Europe.

We are continuing to build on our many strengths by seeking out business and academic partners to join us in our quest for excellence. We invite you to visit our campuses, share in this endeavor and support us financially. Thank you for your interest in our school.

Tarik Mikdash, Ph.D.  
Dean, School of Business  
Beirut

Wassim Shahin, Ph.D.  
Dean, School of Business  
Byblos
Lebanese American University is an American institution chartered by the Board of Regents of the University of the State of New York and operating in Lebanon. Originally founded as a Presbyterian school for girls in 1835, LAU is a private, nonsectarian, co-educational institution of higher education encompassing five academic schools. Its two campuses in Beirut and Byblos offer more than 6,800 undergraduate and graduate students a wide range of academic and professional degrees.

LAU is a career-oriented institution that prepares students for responsible living within the rich heritage and multiple needs of their communities. Lebanon provides the academic freedom essential to intellectual growth and the fruitful interaction of cultures. The country offers a rich heritage to a student body representing more than 50 nationalities. The School of Business is an integral part of this multi-disciplinary learning environment. Offering students up-to-date programs, dynamic research possibilities, and strong executive training initiatives, plus modern facilities and technologies, we are one of the most sought-after business schools in the Middle East. The university supports a number of strategic initiatives that directly benefit the School of Business. To help fulfill its mission of commitment to academic excellence and the advancement of scholarship, LAU seeks to strengthen its faculty and academic programs, including specific plans to increase the school’s full-time faculty. In addition, the expansion of research opportunities will enable both faculty members and students to develop their ideas beyond the classroom.
The Business Experience – Driven by our Mission

The LAU emphases on academic excellence, student-centeredness, advancement of scholarship, education of the whole person, and the formation of students as future leaders serves as the foundation for the School of Business. We are focused on experience and outcomes, and our programs are designed so that our students can transition seamlessly from the classroom to the workplace.

At our core, we provide a solid liberal arts education that allows student to gain the essential skills needed to become productive members of the global business community. Within LAU’s liberal-arts environment, our school is committed to providing students with an opportunity to learn about the most current developments in their respective fields. Our faculty members provide the diverse theoretical, methodological and practical skills that prepare students for the world of business and lifelong learning.

Among recent developments, the School of Business has updated programs to include case studies and internships. We also have introduced executive training programs at our four institutes: Banking and Finance, Family and Entrepreneurial Business, Human Resources, and Hospitality and Tourism Management.

With its sponsorship and editing of the internationally recognized journal, Review of Middle East Economics and Finance, the school provides an international forum for the exchange of information and research. We also sponsor a number of annual conferences, including the prestigious International Conference on the Economics of the Middle East and North Africa.

We are focused on experience and outcomes, and our programs are designed so that our students can transition seamlessly from the classroom to the workplace.
The school connects thought and action, bridging business theory and practice. This gives students a solid understanding of business fundamentals and creates a foundation for long-term success in a changing world.

Academic Excellence – Connecting Thought with Action

The School of Business takes a multi-layered approach to learning. With a liberal-arts base and a deep commitment to general management, the School of Business offers a rich curriculum and practical learning opportunities that drive a one-on-one approach to learning and career development. The school connects thought and action, bridging business theory and practice. This gives students a solid understanding of business fundamentals and creates a foundation for long-term success in a changing world.

The School of Business offers a professional education to students seeking to:
  • Develop communication and problem-solving skills within a business framework;
  • Prepare for responsible management and community leadership;
  • Provide human resources to aid the economy of Lebanon in commercial, charitable, and government sectors;
  • Develop leadership, creativity and the integrity necessary to facilitate disciplined economic growth;
  • Introduce contemporary issues in multinational management and information management to integrate the local business community into a global setting;
  • Promote development of English-language business education in the Middle East.
The School of Business offers three undergraduate degrees that include customized programs available on both campuses. Our diverse, interactive programs encourage students to take responsibility for the learning process.

> The Business Studies degree includes areas of emphasis in accounting, banking and finance, Information Management Systems, business economics, family and entrepreneurial business, international business, and management and marketing.

> The Economics degree offers tracks in finance, management, mathematics, and political science/international affairs.

> The Hospitality and Tourism Management degree prepares students for positions in sales, personnel administration, public relations, auditing, front office management, food and beverage management, meeting and convention planning, and general management.

> The Endorsed Internal Auditing Program (EIAP) prepares seniors to enter Lebanon’s highly competitive internal auditing market. Many of these students become certified financial analysts (CFAs), which positions them for careers with major companies.

The School of Business encourages students to apply knowledge gained in the classroom in practical settings. Students participate in case studies and laboratory analyses as part of their hands-on training experiences. For example, an economics student might participate in the annual World Model United Nations meetings in Lebanon and other parts of the world. Our students routinely perform well in this forum and frequently return with awards.

To enhance our first-rate programs, course offerings and practical training opportunities, the School of Business needs the generous commitment and financial support of our alumni and other friends. Your gifts will continue to make it possible for LAU to prepare students to thrive in an increasingly competitive business environment.
Our Graduate Programs

Graduate-level education at Lebanese American University is built on the philosophy that learning continues throughout a person’s career.

Our Master of Business Administration (MBA) degree is the largest program of its kind in the Middle East. Offered since 1981, this program prepares men and women for key roles in managerial and professional positions in business and public organizations. In order to make the program accessible to those already active in management, courses schedules take into consideration the needs of both full- and part-time students.

The Executive MBA (EMBA) degree program offers business professionals the opportunity to combine a full-time career with the pursuit of an advanced business degree. A wide range of course offerings allows students to develop expertise in several areas of business, including accounting, banking and finance, economics and statistics, management, and marketing. EMBA courses provide students with the opportunity to learn the latest techniques and applications in many business and corporate settings by applying course materials to on-the-job managerial situations.
Facilities and Institutes – Transforming Environments

Smart Classrooms: Our “smart classrooms” offer faculty and students access to technology including projection systems compatible with demonstration software, and wi-fi internet access. Our multimedia lecture halls feature tiered seating for up to 150 people, and offer an excellent venue for guest lectures, seminars and workshops.

Libraries: LAU’s two libraries house one of the largest business sections available to university students in the region and serve as a hub for faculty and students. The state-of-the-art Riyad Nassar Library adjacent to the School of Business on the Beirut campus, is one of the fastest-growing libraries in the Middle East and is electronically connected to leading academic databases and other library services. Plans are underway for construction of a new library on the Byblos campus. The two libraries are supported by a staff of 46 specialists and more than 120 student assistants.

Computer Centers: State-of-the-art computer centers feature advanced equipment and on-site instructors. Students have access to a variety of software products and statistical packages, and LAU’s network provides a communication link to the university’s business applications, libraries, and teaching and learning resources. Ethernet connections are available to all offices, classrooms, conference rooms and library areas in the School of Business.

Laboratories: Students get practical experience in food preparation and service in the Hospitality Management Lab, which supports the Hospitality and Tourism Management program by integrating classroom instruction with hands-on experience.

In our Stock Market Room, students have access to major financial markets (New York, London, Paris, Tokyo, etc.) where they can get round-the-clock, real-time information on stocks, bonds, options, futures and currencies.
The School of Business provides significant resources to faculty researchers through three research institutes:

> **INSTITUTE FOR BANKING AND FINANCE**
  The Institute for Banking and Finance was established in 1997 to train professionals in the fields of banking and finance, management, human resources management, and marketing. It regularly hosts regional seminars conducted by well-known academics, professionals and trainers from the United States and Great Britain. The institute also designs special seminars for multinational corporations and assists the local banking sector through seminars in bank management.

> **INSTITUTE OF FAMILY AND ENTREPRENEURIAL BUSINESS**
  The Institute of Family and Entrepreneurial Business provides a forum for developing and sharing knowledge about family-owned businesses. The institute develops educational programs that support individuals and families in the growth and continuity of successful family businesses.

> **INSTITUTE OF HOSPITALITY AND TOURISM MANAGEMENT**
  The Institute of Hospitality and Tourism Management Studies examines factors affecting hospitality and tourism development in Lebanon and the region. The institute conducts applied research, and periodically releases indices, trend tables and other travel-and-tourism related information.

One of the priorities at LAU is to address community needs and provide services to various sectors. The work of these institutes is an integral part of our community service initiative. This work requires financial support from individuals and businesses. With your help, these institutes can continue to serve as catalysts in facilitating education, research and overall improvements in the business community.
The School of Business strives to attract and retain top faculty with competitive compensation packages, new rewards for excellence in teaching, and by further improving university leadership and community-building. Our high-caliber faculty members provide cutting-edge instruction and capitalize on the latest technologies and research. They are active in local and worldwide organizations and associations related to their fields, including the American Economic Association, the Middle East Economic Association, the Economic Research Forum, and the Family Firm Institute. Many serve as editors of journals and/or as advisors for international associations and publications.

Faculty members also consult for various local and international entities, private firms, and governmental agencies, including Lebanon’s ministries of Environment, Social Affairs, and Interior and Municipalities; the Lebanese Center for Policy Studies; Information International; UNDP, the World Bank and USAID.

Salahaddin Abosedra, Ph.D., Economics (University of Colorado, 1984), Chair, Department of Economics and Finance

“It is an inspiration to see students develop from fledglings academically to successful and fully capable business professionals.”

Dr. Abosedra has held numerous consultancy and research positions as an economist. Currently, his department is working to enhance its overall contribution to the School of Business by strengthening its curriculum in consistently updating and refreshing courses, texts and related activities combining their skills to improve health care throughout Lebanon.

Salpie Dounjourian, Ph.D., Economics (Louisiana State University, 1993), Chair, Department of Economics/Management

“LAU allows you to grow as it grows.”

Dr. Dounjourian oversees the Committee on Economic Conferences which holds annual conferences to promote the exchange of knowledge and ideas in the field of economics and finance as they apply to the MENA region.
Michel Soto Chalhoub, Ph.D. Engineering (University of California, Berkeley, 1987), MPP in Business & Government, (Harvard University, 1995) Chair, Management/Marketing/M.I.S./International Business

“What makes an academic program outstanding is its competitiveness through innovation. I steer our department toward market anticipation, industry relevance and foresight, and new product orientation.”

Dr. Chalhoub has led his department toward new initiatives in strategy, entrepreneurship and international business, and a higher focus on global strategies and emerging markets, spurring graduates to pursue careers or Ph.D. programs overseas.

Said Ladki, Ph.D., Hospitality & Tourism Management, (Virginia Polytechnic Institute & State University, 1993), Chair, Department of Accounting, Hospitality and Tourism Management, and General Business Studies

“The LAU culture – that of tolerance, professionalism, ongoing learning, and a thriving sense of achievement – are the values our students will carry on with them wherever they go.”

Dr. Ladki’s commitment to enhancing the quality of programs through curriculum revision and support of the hospitality management laboratory is evident. LAU’s Hospitality Management students intern in Malaysia, Dubai and Korea, and our accounting students have access to similar opportunities with Fortune 500 accounting and management firms including Ernst & Young, Deloitte & Touche, and PricewaterhouseCoopers.

Elias Raad, Ph.D., Finance, (University of Alabama, 1989), Chair, Accounting/Banking and Finance/Marketing; E.M.B.A. Coordinator

“The School of Business holds highly attended and successful seminars which assist employees, managers and executives all over Lebanon and the Middle East.”

Dr. Raad directs the Executive MBA program at LAU since 2000, the first of its kind in Lebanon. His establishment of the trading room has helped students get a feel for the real-life workings of a stock market.
More than ever, a strong undergraduate and graduate education is essential to the success of today’s young business professionals. A degree from LAU equips students with the knowledge necessary to enter the market immediately upon graduation. When students are able to take advantage of all that LAU and the School of Business have to offer, they achieve amazing things.

Layal Halabi is a 2007 graduate in Hospitality Management and earned a 3.75 GPA:

“I feel that my education has given me a significant advantage in creating a new world; I should never let it go to waste, because the future holds great things for us and right now we stand at the threshold of that future.”

Rasha Rmeili, a 2007 recipient of the LAU Torch Award, completed a double major in Management and Marketing, earning a 4.0 GPA. Rasha is French-educated and a member of the National Honor Society:

“Good things do not come easily and we have to swim against the current sometimes to achieve them. I would like to express my gratitude to LAU for equipping me with what it takes to play a leadership role in society.”

Diana Bou Ghanem typifies the diverse student body in the EMBA program at LAU. Prior to joining the program in 2005, she earned a Bachelor of Engineering degree in Computers and Communications from AUB and has had a successful career in the telecommunications sector:

“Change is vital; it requires not only courage, but also the right knowledge and skills, and this is what I am getting from the distinguished faculty in the Executive MBA program at LAU.”

Ghenwa Masri, a senior marketing major from Al-Ain, United Arab Emirates, plans to continue her education with an MBA and eventually a Ph.D., with the goal of a career in academia:

“Meeting people from different backgrounds eventually helped shape my personality as I adapted to Lebanon’s nice culture.”

Fajr Tamini, 2007 Valedictorian and winner of the President’s Award, majored in finance. She plans to pursue an MS in Finance at Warwick University, England:

“There are few things in life as endless and yet as valuable as knowledge. Living in Lebanon has taught me that … if I wish to succeed, I should not only hold on to what is truly valuable, but seek it ardently.”
Our Alumni – A Message of Excellence Through the Decades

“LAU tailors its business programs and degrees with the understanding of the market pulse and the changing needs of the business marketplace. The university has a great understanding about the working student. The respect for hard work and the continued push to excel is constant, despite the inevitable hard times and uncertainties students face along the way.”

Saad El Zein, B.S., Business Management, 1989, Managing Director, Able Facilities Management, Dubai

“Thanks to the education and exposure to business I received at LAU, I’m currently managing several businesses in different fields (Marketing, Advertising and Training) in Syria, Lebanon, Oman and Yemen.

“The School of Business, as with LAU as a whole, combines a quality education with a well-rounded lifestyle.

“Through stimulating extracurricular activities, the LAU School of Business provides students with the opportunity to explore their entrepreneurial talents.

Adnan Tarabishy, B.S., Accounting, 1999/MBA, 2008

“The LAU School of Business focuses on a level of education which is well-rounded and comprehensive. It is supported by highly qualified faculty, who see students with potential and cater to their individual needs.

“At LAU one not only has access to the wealth of academics it has to offer, but you can also focus on interpersonal relationships which help create a synergy of knowledge and experience.”

Karim Nsouli, MBA (’07) Business Studies/Banking, Economics & Finance, Corporate Banker, Standard Chartered Bank, Bahrain

“LAU’s MBA curriculum is demanding yet highly flexible, based on a sound foundation of business principles and in-depth knowledge of the subjects of one’s choice.

“The small class sizes allowed me to work closely with both faculty and classmates, offering a great degree of interaction and thought-process building.

Ramzi N. Sidani, MBA, (’06) Financial Analyst, Dubai Financial Group
Making Business Education Accessible to All

An increasingly competitive economic climate in Lebanon and the world means business education is of critical importance. Equally important is increasing the access of students to these educational opportunities. For these reasons, the School of Business is intent on raising funds that will support our students and provide expanded teaching and research opportunities for our faculty. The rapidly growing School of Business has a particular need to increase the number of full-time faculty members. This effort will help create important new learning opportunities for our current and future students.

As part of the university’s continued dedication to a student-centered mission, we offer many of our qualified and deserving students scholarships and financial aid. In 2006-07 alone, LAU gave over of $13 million in financial assistance to more than 1,800 students. Our goal is to provide equal access to an LAU education to all students, regardless of their financial circumstances, and to award merit scholarships to academically exceptional students in order to encourage and reward their ambition, drive and perseverance. We depend on our alumni and friends for financial support. With your help the School of Business can continue to grow and prosper, leading the way to a stronger, more competitive Lebanon.
Endowment of the School of Business Deanships

The deans of the School of Business on both campuses will set the direction in leading innovation and excellence in the school. Philanthropists will be assured a legacy of recognition as supporters of leadership and service in this part of the world.
Gift: $3 million each

Endowment of a Chair in the Institute of Family and Entrepreneurial Business

The Institute of Family and Entrepreneurial Business offers an opportunity for an influential family business to contribute toward a named academic chair. This gift will be deposited at LAU in the form of endowed funds. The proceeds of this endowment will help LAU recruit a top-notch professor for the program. An endowed chair is awarded by the university to recruit or retain a faculty member who has made major contributions to his/her individual discipline in research, teaching or services to the community. An endowed chair brings into focus the symbiotic nature of teaching, research, scholarship and connection with the community at large. It also provides a permanent legacy for the donor.
Gift: $2 million

Endowment of Lectureship Series

The proceeds of an endowed lectureship series will enable the school to host annual lecture series dealing with significant themes and topics relevant to different departments at the school. Lectures will be given by top international speakers, academicians and practitioners, who will focus on prominent subjects in the areas of economics and finance of the Middle-East, management, marketing, human resources, and family and entrepreneurial business.
Gift: $300,000

ENDOWMENT OF THE INSTITUTES

The Institute of Family and Entrepreneurial Business

An endowment of $3 million to name the Institute of Family and Entrepreneurial Business will boost academic exchange opportunities with family business professionals and scholars worldwide and could launch outreach initiatives providing fundamental services to family businesses. The institute will offer seminars and conferences, organize workshops, develop a center for research, establish a consultancy center, produce publications and create an active informative website for international readers.
Gift: $3 million
The Institute for Banking and Finance

As the Institute for Finance and Banking develops it will provide consultancy services for emerging banking and financial needs.
Gift: $3 million

The Institute of Hospitality and Tourism Management

The Institute of Hospitality and Tourism Management Studies will conduct applied research in the Lebanese hospitality and tourism industry not only to formulate or test theories, but also to solve complex scientific problems through the application of appropriate research methodologies.
Gift: $3 million

NAMING SCHOOL CENTERS AND FACILITIES

Business Building/Beirut Campus:

Ground Floor/Level 9

Main Entrance Hall (GF# 900.T)
Area: 130 m²
Gift: $300,000
The Entrance Hall will feature a modern electronic information display and lounge.

Classroom (GF# 905)
Area: 75 m²
Gift: $110,000

First Floor/Level 10
Large-Group Classrooms (# 1003, 1004, 1005, 1006 and 1007)
Area Range: 75 m² each
Gift: $110,000 each
### Second Floor/Level 11

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Area Range</th>
<th>Gift</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Room (#1101)</td>
<td>10 m²</td>
<td>$15,000</td>
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<tr>
<td>Three Faculty Offices (#1102, 1103, and 1104)</td>
<td>10 m² each</td>
<td>$15,000 each</td>
</tr>
<tr>
<td>Three Large Classrooms (#1108, 1109, and 1110) and a smaller (#1107)</td>
<td>100 m² each</td>
<td>$150,000 each</td>
</tr>
<tr>
<td>75 m² each</td>
<td>$110,000 each</td>
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### Third Floor/Level 12

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Area Range</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Administration Office (#1201)</td>
<td>10 m²</td>
<td>$15,000</td>
</tr>
<tr>
<td>Three Faculty Offices (#1202, 1203, and 1204)</td>
<td>10 m² each</td>
<td>$15,000 each</td>
</tr>
<tr>
<td>Five Large Classrooms (#1207, 1208, 1209, 1210, and 1211)</td>
<td>75 m² each</td>
<td>$110,000 each</td>
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</table>

### Fourth Floor/Level 13

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Area Range</th>
<th>Gift</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Room (#1301)</td>
<td>10 m²</td>
<td>$15,000</td>
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<tr>
<td>Three Faculty Offices (#1302, 1303, and 1304)</td>
<td>10 m² each</td>
<td>$15,000 each</td>
</tr>
<tr>
<td>Three Large Classrooms (#1307, 1308, and 1309)</td>
<td>50 m² each</td>
<td>$75,000 each</td>
</tr>
<tr>
<td>Two Computer Centers (#1310 and 1311)</td>
<td>110 m² each</td>
<td>$250,000 each</td>
</tr>
<tr>
<td>Administrative Office (#1310.A)</td>
<td>50 m² each</td>
<td>$75,000 each</td>
</tr>
</tbody>
</table>
Fifth Floor/Level 14

Faculty and Lab Supervisor Offices (#1401 and 1402)
Area Range: 10 m² each
Gift: $15,000 each

Kitchen - Cafeteria (#1405)
Area Range: 106 m²
Gift: $220,000

Guest Relations Office (#1406.A)
Area Range: 10 m²
Gift: $15,000

Cafeteria Front Office Lab (#1406.Z)
Area Range: 176 m²
Gift: $300,000

Classroom (#1407)
Area Range: 37 m²
Gift: $55,000

Hotel Room Simulation (#1408)
Area Range: 32 m²
Gift: $60,000

Sixth Floor/Level 15

Fifteen Faculty Offices (#1501, 1502, 1503, 1504, 1509 and from 1510 up to 1519)
Area Range: 10 m² each
Gift: $15,000 each

Faculty Office (#1520)
Area Range: 20 m²
Gift: $30,000

Faculty Office (#1508)
Area Range: 16 m²
Gift: $25,000

Administrative Office (#1521)
Area Range: 23 m²
Gift: $35,000

Conference Room (#1526)
Area Range: 35 m²
Gift: $70,000
Seventh Floor/Level 16

Lounge (#1600.X)
Area Range: 32m²
Gift: $60,000

Two Administrative Offices (#1600.Y and 1600.W)
Area Range: 10 m² each
Gift: $15,000 each

Four Faculty Offices (#1601, 1602, 1603 and 1604)
Area Range: 10 m² each
Gift: $15,000 each

Nine Faculty Offices (#1608 to 1616)
Area Range: 12 m² each
Gift: $20,000 each

Faculty Office (#1607)
Area Range: 45 m²
Gift: $70,000.

Faculty Office (#1616.A)
Area Range: 25 m²
Gift: $40,000.

Meeting Room (#1617)
Area Range: 50 m²
Gift: $100,000

Physical Entities/Byblos campus

Bassil Building: Second Floor/Level 3

Seven Faculty Offices (#0301, 0302, 0303, 0304, 0305, 0306, 0307)
Area Range: 15m² each
Gift: $22,000 each

Dean's Wing (#0308 and 0309.Z)
Area Range: 37 m²
Gift: $55,000

Block A/First Basement Floor/Level 4

Computer Lab (Stock Market Room) (#404)
Area Range: 32 m²
Gift: $65,000
### Supporting Business Education Donor Opportunities

**BASSIL BUILDING | LEVEL 3**

**BYBLOS CAMPUS**

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>0301 Up to 0307</td>
<td>Bassil Building</td>
<td>14.5</td>
<td>7 Faculty Offices</td>
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<tr>
<td>0308 and 0309.Z</td>
<td>Bassil Building</td>
<td>37</td>
<td>Dean’s Wing</td>
<td>$55,000</td>
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</table>
Supporting Business Education
Donor Opportunities

BLOCK A  |  LEVEL 4
BYBLOS CAMPUS

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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<td>404</td>
<td>Block A</td>
<td>32</td>
<td>Computer Lab/ Stock Market Room</td>
<td>$65,000</td>
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</table>
Supporting Business Education Donor Opportunities

**BUSINESS SCHOOL | LEVEL 9**

**BEIRUT CAMPUS**

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
<th>Function</th>
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<tbody>
<tr>
<td>905</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
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<tr>
<td>0900.T</td>
<td>Business &amp; Library</td>
<td>130</td>
<td>Main Entrance Lounge</td>
<td>$300,000</td>
</tr>
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</table>
## Supporting Business Education Donor Opportunities

### BUSINESS SCHOOL | LEVEL 10
**BEIRUT CAMPUS**

<table>
<thead>
<tr>
<th>Room No</th>
<th>Building</th>
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<tbody>
<tr>
<td>1003</td>
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<td>75</td>
<td>Classroom</td>
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<tr>
<td>1004</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
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</tr>
<tr>
<td>1005</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1006</td>
<td>School of Business</td>
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<td>Classroom</td>
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<tr>
<td>1007</td>
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### Supporting Business Education Donor Opportunities

**Business School | Level 11**  
**Beirut Campus**

<table>
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<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1101</td>
<td>School of Business</td>
<td>10</td>
<td>I.T. Room</td>
<td>$15,000</td>
</tr>
<tr>
<td>1102</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
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</tr>
<tr>
<td>1103</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1104</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
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</tr>
<tr>
<td>1107</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1108/9</td>
<td>School of Business</td>
<td>100</td>
<td>2 Classrooms</td>
<td>$150,000 each</td>
</tr>
<tr>
<td>1110</td>
<td>School of Business</td>
<td>100</td>
<td>Classroom</td>
<td>$150,000</td>
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</table>
# Supporting Business Education Donor Opportunities

**BUSINESS SCHOOL | LEVEL 12**  
**BEIRUT CAMPUS**

<table>
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<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1201</td>
<td>School of Business</td>
<td>10</td>
<td>Adm. Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1202</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1203</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1204</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1207</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1208</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1209</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1210</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
</tr>
<tr>
<td>1211</td>
<td>School of Business</td>
<td>75</td>
<td>Classroom</td>
<td>$110,000</td>
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## Supporting Business Education

**Donor Opportunities**

**Business School | Level 13**

**Beirut Campus**

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1301</td>
<td>School of Business</td>
<td>10</td>
<td>I.T. Room</td>
<td>$15,000</td>
</tr>
<tr>
<td>1302/3</td>
<td>School of Business</td>
<td>10</td>
<td>3 Faculty Offices</td>
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<tr>
<td>1307</td>
<td>School of Business</td>
<td>50</td>
<td>Classroom</td>
<td>$75,000</td>
</tr>
<tr>
<td>1308</td>
<td>School of Business</td>
<td>50</td>
<td>Classroom</td>
<td>$75,000</td>
</tr>
<tr>
<td>1309</td>
<td>School of Business</td>
<td>50</td>
<td>Classroom</td>
<td>$75,000</td>
</tr>
<tr>
<td>1310</td>
<td>School of Business</td>
<td>110</td>
<td>Computer Center</td>
<td>$250,000</td>
</tr>
<tr>
<td>1310.A</td>
<td>School of Business</td>
<td>13</td>
<td>Adm. Office</td>
<td>$20,000</td>
</tr>
<tr>
<td>1311</td>
<td>School of Business</td>
<td>110</td>
<td>Computer Center</td>
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## Supporting Business Education
### Donor Opportunities

#### BUSINESS SCHOOL | LEVEL 14
##### BEIRUT CAMPUS

<table>
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<tr>
<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1401</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1402</td>
<td>School of Business</td>
<td>10</td>
<td>Lab Supervisor Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1405</td>
<td>School of Business</td>
<td>106</td>
<td>Kitchen-Cafeteria</td>
<td>$220,000</td>
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<tr>
<td>1406.Z</td>
<td>School of Business</td>
<td>176</td>
<td>Cafeteria - Front Office Lab</td>
<td>$300,000</td>
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<tr>
<td>1406.A</td>
<td>School of Business</td>
<td>10</td>
<td>Guest Relations office</td>
<td>$15,000</td>
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<tr>
<td>1407</td>
<td>School of Business</td>
<td>37</td>
<td>Classroom</td>
<td>$55,000</td>
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<td>1408</td>
<td>School of Business</td>
<td>32</td>
<td>Hotel Room Simulation</td>
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# Supporting Business Education

## Donor Opportunities

**Business School | Level 15**

**Beirut Campus**

<table>
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<th>Room Nº</th>
<th>Building</th>
<th>Area (m²)</th>
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<th>Price</th>
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<tbody>
<tr>
<td>1501/2</td>
<td>School of Business</td>
<td>10</td>
<td>2 Faculty Offices</td>
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<tr>
<td>1503/4</td>
<td>School of Business</td>
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<td>2 Faculty Offices</td>
<td>$15,000 each</td>
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<tr>
<td>1507/20</td>
<td>School of Business</td>
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<tr>
<td>1508</td>
<td>School of Business</td>
<td>16</td>
<td>Faculty Office</td>
<td>$25,000</td>
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<td>1509</td>
<td>School of Business</td>
<td>10</td>
<td>Faculty Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1510 Up to 1519</td>
<td>School of Business</td>
<td>10 m² per Office</td>
<td>10 Faculty Offices</td>
<td>$15,000 each</td>
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<tr>
<td>1521</td>
<td>School of Business</td>
<td>23</td>
<td>Adm. Office</td>
<td>$35,000</td>
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<td>1526</td>
<td>School of Business</td>
<td>35</td>
<td>Conference Room</td>
<td>$70,000</td>
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<td>Room Nº</td>
<td>Building</td>
<td>Area (m²)</td>
<td>Function</td>
<td>Price</td>
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<tr>
<td>-----------</td>
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<td>-----------</td>
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<tr>
<td>1600.X</td>
<td>School of Business</td>
<td>32</td>
<td>Lounge</td>
<td>$60,000</td>
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<tr>
<td>1600.Y</td>
<td>School of Business</td>
<td>10</td>
<td>Adm. Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1600.W</td>
<td>School of Business</td>
<td>10</td>
<td>Adm. Office</td>
<td>$15,000</td>
</tr>
<tr>
<td>1601 Up to 1604</td>
<td>School of Business</td>
<td>10</td>
<td>4 Faculty Offices</td>
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<td>School of Business</td>
<td>45</td>
<td>Faculty Office</td>
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<td>1608 Up to 1616</td>
<td>School of Business</td>
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<td>9 Faculty Offices</td>
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<tr>
<td>1616.A</td>
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<tr>
<td>1617</td>
<td>School of Business</td>
<td>50</td>
<td>Meeting Room</td>
<td>100,000</td>
</tr>
</tbody>
</table>
Supporting Engineering and Architecture Education
A WORD FROM THE PRESIDENT

Dear Friends,

We at LAU are proud of the significant advances set in motion since the adoption of our strategic plan in September 2005. Our exceptional progress in academics, deep dedication to our students, exemplary achievements in university governance and prudent financial management continue to make us an enviable success story. We continue to embrace academic excellence, provide our students with unique opportunities to earn an excellent education and enrich them through experiential learning.

The School of Engineering and Architecture is a precious jewel in the crown of our university. It offers excellent engineering and design programs, emphasizes the importance of research and critical thinking and fosters strong technical skills among its students. Reflecting the mission of the university, the School of Engineering and Architecture strives to develop professionals who can work effectively in a globalized world. We prepare our students through outstanding teaching and excellent facilities—including high-quality computer laboratories and state-of-the-art equipment. As a result, the school plays a vital role in the academic success of LAU, and its graduates are in high demand in Lebanon and in the region.

The School of Engineering and Architecture’s continued achievements, momentum and promising future would not be possible without the commitment, enthusiasm and generosity of our supportive alumni and friends. Your faith in our mission gives us strength, your encouragement reinforces our belief in what we do, and your advice and wisdom keep us focused.

Thank you for your support of the School of Engineering and Architecture. We look forward to our continued partnership with you.

Sincerely,

Joseph G. Jabbra, Ph.D.
President
Lebanese American University
We bring good things to life.

I begin with this famous slogan from General Electric because it aptly summarizes what we do at the School of Engineering and Architecture at Lebanese American University. In the course of every working day we teach, research and practice the arts of engineering and architecture with the goal of bringing good things to life.

With the commitment and active involvement of our faculty, the school provides an ideal educational environment by meshing a liberal arts college atmosphere with the state-of-the-art technological resources of a research university. In this environment our academic programs prepare future engineers through the experiential application of scientific and engineering theories in laboratory and studio settings. This experiential approach creates a favorable environment for the exchange of ideas between students and faculty, and fosters learning through individual and collective research, design and applied projects.

Our mission at SEA is to educate students by providing them with the distinctive skills and abilities needed for success in their lives as engineers and architects in the professional world. In addition, we strive to instill in our students the drive to be responsible and ethical national and global citizens.

We also recognize the need to maintain a distinctive and innovative environment for engineering education. To this end, we periodically review and revise our academic programs to ensure that we are offering innovative curricula and instruction that foster intellectual excitement and curiosity among our students. We are also preparing to apply for ABET accreditation as a way to further validate our program. Recognizing the importance of partnerships between industry and academe in today’s complex market, we cultivate relationships with leading national and international industries.

This publication provides an overview of our school and its programs, together with details on our most important financial needs. We hope that you will join us in our efforts to meet the challenges of delivering a globally relevant engineering education in an increasingly complex world. We look forward to discussing with you the many ways you can show your support and help us “bring better things to life.”

George E. Nasr, Ph.D.
Dean and Professor
School of Engineering & Architecture
The Lebanese American University is an American institution chartered by the Board of Regents of the University of the State of New York and operating in Lebanon. Originally founded as a Presbyterian school for girls in 1835, LAU is a private, nonsectarian, co-educational institution of higher education encompassing five academic schools. Its two campuses in Beirut and Byblos offer more than 6,800 undergraduate and graduate students a wide range of academic and professional degrees.

LAU is a dual-campus, career-oriented institution that prepares students for responsible citizenship within the rich heritage and multiple needs of their communities. Lebanon provides the academic freedom essential to intellectual growth and the fruitful interaction between different cultures. The country offers a rich, multi-faceted heritage to a student body representing more than 50 nationalities.

The School of Engineering and Architecture (SEA) is an integral part of this learning environment. Located primarily on our Byblos campus, SEA is home to some of the Middle East’s best-known and comprehensive undergraduate and graduate programs in engineering, architecture and design.

The School of Engineering and Architecture prepares students for distinctive professional careers and successful graduate studies. SEA programs provide students with a comprehensive education emphasizing critical thinking, technical aptitude and communication and interpersonal skills, and a lifelong passion for research and learning. The university-wide mission of academic excellence, student-centeredness, the advancement of scholarship, the education of the whole person and the formation of students as future leaders serves as the foundation for the SEA mission.
A Commitment to Excellence

With its five departments, the school is a close-knit community of students and faculty who are invigorated by the resources offered at a thriving, expanding campus. The practical application of knowledge enhances the LAU academic experience, and this is reflected in the School of Engineering and Architecture. Few universities can match the level of experiential learning gained by our students through research and training at our various institutes, fieldwork, and service-learning or internships.

Central to the future development of SEA is the accreditation of its engineering educational programs from the Accreditation Board for Engineering and Technology (ABET) in the United States. The school plans to submit its engineering programs for ABET accreditation in January 2010. We also are preparing to seek accreditation from the European Engineering Programs and Graduates agency, which is recognized by the European Union.

Our architecture program is accredited by the French Ministry of Culture and Communication, which facilitates our participation in student exchange programs with universities in Europe.

As a further endorsement of the quality of education at SEA, we have been granted a charter for a student chapter of the Institute of Industrial Engineers. Among its activities, the chapter sponsors a lecture series that exposes students to prominent and successful professionals from the industry.
We also recognize that important elements of the educational experience take place outside the classroom. To that end, SEA provides numerous on- and off-campus experiential learning opportunities, as well as extracurricular and community service projects which give students and faculty the opportunity to perform practical work in their fields. The school also organizes a number of events every year, including conferences, symposia and lectures that feature national and international scholars, field trips to international locations and exhibitions featuring student engineering projects.

The efforts involved in accreditation, and the extra-curricular activities that add important value to our classroom and laboratory instruction, require significant financial resources. We will continue to count on the support of our alumni and friends to provide assistance that will help us continue programs that build student engagement with the world through “hands-on” participation.

Central to the future development of the SEA is the accreditation for its engineering educational programs from the Accreditation Board for Engineering and Technology (ABET) in the United States.
Commitment to High Academic Standards

The School of Engineering and Architecture offers an outstanding educational experience. Our students are part of an American-styled educational community in which learning through experience is a key component of our curriculum, complemented by a variety of experience-based research and training opportunities available to students and faculty.

DEPARTMENT OF ENGINEERING

Engineering programs at LAU provide students with a rich academic and professional foundation designed to ensure successful careers in today’s global markets. The five undergraduate programs offered in engineering are designed to prepare students for careers in design, development, research, project supervision and management. Our goal is to provide students with sufficient technical background, skills and experience that will enable them to successfully compete in today's rapidly changing, global job markets.

> Civil Engineering
Courses are offered in the fields of structures and materials, water and environment, geotechnical study, transportation and management. The civil engineering department also houses several research laboratories.

> Mechanical Engineering
This program offers a broad base which prepares students for a variety of careers in the design and construction of mechanical systems. The department houses research laboratories that engage students in practical application of classroom instruction.

> Industrial Engineering
LAU is the only university in Lebanon that offers an industrial engineering program. Industrial growth has created excellent opportunities for industrial engineers in the region, and the combination of automation, emphasis on increased productivity and higher complexity in systems engineering are creating a steadily increasing demand for our graduates.

> Electrical Engineering
This program’s curriculum features a core of courses that can be divided into the areas of circuits, electronics, electromagnetics, electrical energy systems, communications, control and computer engineering.
> **Computer Engineering**  
Students in SEA’s Computer Engineering program develop an in-depth knowledge of digital systems, computers and software. In addition to the computer engineering core, the program emphasizes integration of hardware, software and communications engineering. The Cisco Institute plays a major role in support of this program.

> **Minor in Packaging**  
In response to the need to offer applied programs in packaging science, which support the world packaging industry, SEA has created a new minor that will establish industry-academia partnerships with local and global companies.

> **M.S.E. in Civil and Environmental Engineering**  
Building on our strong undergraduate civil engineering program, the master of science in engineering degree provides graduate students with advanced theoretical and applied aspects of civil engineering. The program is designed to stimulate independent thinking, acquisition of knowledge, and application of the acquired knowledge and skills to the solution of practical engineering problems.

> **M.S.E. in Computer Engineering; M.S.E. in Computer and Communication Engineering**  
These master’s degree programs prepare students for high-level careers in industry as well as for further graduate study. The programs train graduate students in an active research environment and equip them with the latest research tools.

> **M.S.E. in Industrial and Engineering Management**  
This program responds to the need for engineers that can manage and improve integrated systems of people, materials, information, facilities, and technology. The graduate program provides engineers coming from other disciplines with a significant opportunity to specialize in the management and optimization of engineering systems.
Supporting Engineering and Architecture Education

Department of Architecture and Design

The curriculum offered by the department of Architecture and Design has been accredited by the French government, and the department is an affiliate member of the U.S.-based Association of Collegiate Schools of Architecture. Emphasis is placed on the human approach to the discipline that complements the theoretical instruction. The department will become a separate School of Architecture and Design at LAU in the near future.

> Bachelor of Architecture
This program prepares students to assume their roles as architects upon graduation, and/or pursue graduate studies in architecture; urban design, urban planning, landscape design, construction management or other related fields.

> B.S. in Interior Architecture and B.S. in Interior Design
The curriculum gives students highly marketable skills, and prepares them for graduate specializations in interior, furniture, product, industrial, fashion and other fields of design.

A.A.S. in Interior Design: This two-year Associate in Applied Science program offers a basic introduction to the field of design. It provides a platform for other programs in Interior Architecture, Interior Design and other design fields.

The Minor in Islamic Art and Architecture allows students of both architecture and interior architecture the opportunity to study the architectural and design aspects of Islamic cultures, and encompasses courses and studios that address contemporary and historical design issues in the Islamic world.

The Minor in Computer Graphics supplements bachelor of architecture students’ skills in computer-aided design. The program is designed to enhance their understanding of programming, animation, digital modeling and media, and prepare students for advanced presentation work.

Similarly, the Minor in Graphic Design enables Interior Architecture students to obtain skills which allow them to handle additional design tasks.
The School of Engineering and Architecture takes great pride in the example set by its faculty, who are top-ranked scholars, in providing students with a wealth of time and attention. One of the priorities at the School of Engineering and Architecture is to attract and retain the best faculty through competitive compensation packages and by rewarding excellence in teaching and research.

Our faculty members are active members in local and worldwide organizations and associations related to their specific fields of instruction. Many serve as editors of journals and board advisors for international associations and publications.

**Dr. Jean Chatila; Ph.D., Civil Engineering, University of Ottawa, 1997, Chair, Department of Civil Engineering, and Director of the Water Resources Institute at LAU**

Dr. Chatila is a recognized authority in wastewater management and treatment. He has been instrumental in establishing a wastewater treatment facility on the border of Lebanon and Syria, as well as in the construction of a wastewater treatment plant for LAU’s Byblos campus. With his support and guidance, students at LAU have won a number of awards in the areas of water and wastewater management. Dr Chatilla has carried out many consultations and researches for international and UN agencies.

**Dr. Pierette Zouein, Ph.D., (University of Michigan, 1995), Chair, Department of Industrial and Mechanical Engineering**

Dr. Zouein has served as a faculty in the Civil Engineering Department at the University of Maryland/College Park. This, plus her position as a project management consultant and trainer for engineers at the Ford Motor Company makes her a valued asset at LAU. With the efforts of individual faculty in the department, the department was successful in placing students as interns and trainees in France and is working on creating student internship opportunities in the United States.
Dr. Samer Saab, Ph.D., Electrical Engineering, University of Pittsburgh, 1992, Chair, Department of Electrical & Computer Engineering

Dr. Saab’s work at LAU involves teaching courses in wireless communications, automatic control and electronics. He serves on the editorial board of the IEEE Transactions on Control Systems Technology and the IEEE Control Systems Society conference editorial board. He has held positions at Union Switch and Signal and ABB Daimler-Benz Transportation.

Dr Maroun Daccache, Ph.D., Architectural Composition & Design, University of Venice-Institute of Architecture, 1992, Chair, Department of Architecture & Design

Dr. Daccache has established different international exchange programs: Villard Ph.D. program in collaboration with 12 European Universities, students exchange program with the ESA de Paris and is currently working on establishing a master degree in design with Domus Academy in Italy. He has been advisor to various school and universities in France an Italy. He has led design projects in Europe and Lebanon.
Advancing Institutes…
Training, Research and Community Support

The application of academic knowledge in real-life settings is an important component of the curriculum in the School of Engineering and Architecture. Our four specialized institutes offer students and faculty the opportunity for field work. Through these institutes, the school supports interdisciplinary and innovative approaches which promote collaboration, diversity of thought and a live interchange of ideas.

> The Cisco Institute
This institute’s emphasis is on facilitating hands-on experience in computer networking. The institute offers Cisco courses in computer networking and trains Cisco instructors for the Middle East and North Africa region. In addition, it performs quality assurance visits to regional and local Cisco academies in the MENA region and provides training to individuals from across the region.

> Urban Planning Institute
This institute examines problems of urban growth and environmental change in Lebanon and the Middle East. Among its activities, the institute assists relevant Lebanese ministries in studies related to planning, renovating and reconstructing municipal and community landscapes. In addition, it conducts surveys of historical areas and reviews land management proposals.
> **Institute of Water Resources and Environmental Technology**

Established in 1997, this institute provides multi-disciplinary research and training in the investigation and evaluation of water resources and environmentally related problems. As part of its work, the institute transfers relevant technology to the Middle East region in the areas of water resources, environmental protection and agriculture technologies, and initiates new ideas for applied research in the areas of water resources, irrigation, groundwater, recycled wastewater and saltwater intrusion.

> **Institute of Islamic Art and Architecture**

This institute studies Islamic architectural and visual culture and their history in the eastern Mediterranean region. Its goal is to participate in propagating international and regional scholarly endeavors in the field, as well as to explore contemporary experimentations in Islamic design.
More than ever, a strong undergraduate and graduate education is essential to the success of today’s workforce. Our students come from diverse backgrounds, with goals and dreams that correspond to the opportunities that await them in the world of engineering and architecture.

A degree from LAU in engineering or architecture equips students to enter the market immediately following graduation.

“What distinguishes SEA is that it is actually quite small compared to other universities. As a result, we are not just ID numbers, but we become well acquainted with our professors.”
Tony Skayem, Mechanical Engineering (2011)

“What distinguishes SEA at LAU from any other university is its student-centeredness and its ability to adapt to its students’ requirements and requests. Unlike many other universities, LAU renovates computer centers, labs, and all other equipment which facilitate the students’ practice and learning.”
Oriane Chamoun, Industrial Engineering (2011)

“There is a friendly, positive atmosphere between students and faculty, plus a well-known academic reputation that almost guarantees a job after graduation.”
Joelle Merchak, Architecture (2009)

“LAU offers the highest quality engineering instruction. I attribute my current success as a freelance Web designer/developer to one of my professors who encouraged me to take the step into this field.”
Ray Joseph Baliki, Computer Engineering (2010)

“One of the main reasons I enrolled at LAU is the fact that the professors are all well-qualified for their positions. Also, since the school has affiliations in Europe and the US, one can continue to higher education later. Moreover, I know first hand that LAU students receive job opportunities from preferred companies, which makes it more competitive than other universities in the area.”
Karan Naaman, Civil Engineering (2010)

“Studying at LAU has helped shape my thinking and helped me in understanding how to read a problem, interpret it and find the best solution.”
Joseph Chehab, Electrical Engineering (2010), Treasurer of IEEE on campus and President of Cine Club

“I chose LAU for the diversity of its curriculum, the lab and field application, the relationship it forms with students, as well as the fact that its seeks to provide its students with the best choices for their careers.”
Larissa Hakim, Civil Engineering (2010)
Today’s Leaders… Our Alumni

There are over 1,700 graduates of the School of Engineering and Architecture working in leading firms in Lebanon and the Gulf region, as well as in Europe and the United States. Many have also chosen to continue their education and have completed specialized masters and Ph.D. degrees at premier institutions in the United States and Europe.

Helen Saad, Fulbright Science & Technology Award Recipient, 2007

“What shaped my experience at LAU was the help and guidance that I received from the LAU faculty and staff during my undergraduate study. Their tremendous support, encouragement, understanding and availability were the factors that helped me develop, not only as a student, but most importantly, as a professional. I am fortunate to be one of just 27 people in the world who have received the International Fulbright Science & Technology Award.”


“I was among ten finalists for the International Traffic Design Competition and received a full scholarship to complete a master’s degree program at the Politecnico di Milano. What is outstanding at LAU is the professional growth it offers to its students. They are taught a broad range of techniques, theories, problem-solving and implementation skills. But, what distinguishes them is the time and effort they must put forth in the creative and conceptual approach before tackling a problem. The student is first a designer and then a technician. And for that we are very lucky to have the best instructors in the field.”
Maurice Khabbaz, Vice President of SEA Alumni Chapter, Master of Science in Computer Engineering, 2008, Lab Instructor, Department of Electrical and Computer Engineering. “The programs at SEA are designed in a way to give students the maximum in practice/lab sessions. Here, students apply theories to real-life scenarios, which is helpful in learning how to interpret results, compare them to theory, and draw conclusions. The use of the latest technologies greatly impacts students’ knowledge and experience at LAU, which is why top local and international engineering and industrial companies have increased their demand for LAU engineering graduates.”

Sandy El-Helou, Ph.D. Candidate, EPFL (“Ecole polytechnique fédérale de Lausanne”), Switzerland. “As a computer engineering student, I enjoyed taking diverse courses in software, hardware, math, physics and even contracting. In the computer-engineering courses, hands-on laboratory sessions as well as individual and concrete group projects always accompanied class lectures and readings. This sets the stage for real-life professional situations. I would not have been able to achieve what I have so far without the academic skills I developed during my undergraduate studies at LAU and without the financial support and encouragement I received.”
Financial Aid Accessibility…
Your help strengthens our commitment:

In keeping with the university’s philosophy, SEA believes that an education in engineering or architecture should be available to every qualified student, regardless of his or her financial situation. In order to meet this goal, we must continue to increase the amount of financial aid available to qualified students wishing to attend LAU.

SEA offers scholarships and financial aid to qualified and deserving students as part of the university’s dedication to a student-centered mission. In 2006-07 alone, LAU gave more than $13 million to approximately 1,800 students, thereby helping to make their academic dreams a reality. We seek to provide equal access to students of all backgrounds. In addition, we also award merit scholarships to academically exceptional students, in order to encourage ambition, drive and perseverance. To accomplish our mission, we must depend on our generous donors, benefactors and friends. We can maintain this high level of financial aid for our many deserving students with your help.

MWH Soft, a global provider of environmental and water resources applications software, is the provider of the annual MWH Soft Environmental Engineering Endowed Scholarship at LAU. The scholarship recognizes and assists outstanding Civil Engineering majors while supporting the University’s goal of recruiting the best and brightest students.

“Thanks to MWH Soft, our highly talented civil engineering students can be given this important recognition and support. This scholarship represents a generous investment in our students, who will provide the technical and economic leadership for Lebanon, build the infrastructure of society, and make a life-enriching difference in the world. We are greatly honored by the confidence in our Civil Engineering Department that is reflected in this donation.”

Dr. George Nasr, Dean of the School of Engineering and Architecture
By providing financial support to our school, you will be ensuring the future of our students, supporting our growth and maintaining our standards of excellence. Giving to the School of Engineering and Architecture offers you the rewarding opportunity to be recognized for your support, or to commemorate someone close to you. We invite you to join us in our innovation, progress and promise. With your help, the LAU School of Engineering and Architecture will continue to move forward on the path of academic excellence.

### ENDOWMENT OF ACADEMIC CHAIRS

An endowed chair or professorship is awarded to a professor in recognition of his or her outstanding contributions in teaching and research. Endowed faculty positions will allow the School of Engineering and Architecture to attract and retain the top professors in their fields.

#### Department of Civil Engineering

**Endowed Chair in Petroleum Engineering**

An endowed chair will assist us in attracting a leading professor who will develop courses to help meet the increasing demand for petroleum engineers. Training in the field of petroleum engineering does not currently exist in any university in Lebanon.

**Gift:** $2 million

**Endowed Chair in Construction Engineering and Management**

LAU strives to train engineers who are committed to high ethical values and excellence in business, leadership and communication. Similarly, we are challenged to remain at the cutting edge of innovation in the field of construction engineering. This endowed chair will enable us to attract a leading engineering professor in the area of computer applications and simulation in construction engineering.

**Gift:** $2 million

#### Department of Industrial and Mechanical Engineering

**Endowed Chair in Financial Engineering**

This endowed chair will help position LAU as the leading institution in Lebanon and the region by training engineers in the application of engineering methodologies and quantitative methods of finance.

**Gift:** $2 million

**Endowed Chair in Packaging Engineering**

This interdisciplinary field involves the study of products, materials, structures, methods, machinery and common processes used for package design, production and transportation. This endowed chair will attract a prominent scholar in the field who will ensure the continued development of this important program at LAU.

**Gift:** $2 million
### Department of Electrical and Computer Engineering

**Endowed Chair in Renewable Energy**
The volatility of the petroleum market has reinforced the need for vigorous research in renewable and alternative energy resources. This endowed chair will enable us to attract and retain a leading teacher and researcher in this field who can integrate energy issues throughout the undergraduate and graduate-level curricula.

**Gift:** $2 million

**Endowed Chair in Telecommunications**
The school is seeking an outstanding academician who can incorporate telecommunications research, theory and application across the curriculum.

**Gift:** $2 million

### NAMING INSTITUTES

**Institute for Water Resources and Environmental Technology (IWRET)**
Water resources and environmental issues are of strategic concern to Lebanon and the Middle East. LAU has committed itself to this issue through the creation of IWRET. Under the auspices of the School of Engineering and Architecture, the institute is ideally positioned to address critical issues related to water resources and environmental technology through research, education, training, planning, technical consulting, practical design and supervision of construction. A naming-level gift in support of IWRET will ensure its long-term sustainability and support its important research work.

**Gift:** $3 million

### NAMING FACILITIES - BYBLOS CAMPUS

**Architecture Building**

**First Basement Floor/Level 1**
- Metal Workshop
  - Area: 39 m²
  - Gift: $80,000
- Laser Laboratory
  - Area: 15 m²
  - Gift: $30,000

**Ground Floor/Level 2**
- Architecture Computer Lab
  - Area: 97m²
  - Gift: $200,000

**First Floor/Level 3**
- Two Studios
  - Area Range: 60-70 m²
  - Gift Range: $120,000-$140,000
### Supporting Engineering and Architecture Education

**Second Floor/Level-4**

- Two Studios  
  - Area Range: 70-84 m²  
  - Gift Range: $140,000-$170,000

**Attic Floor/Level-6**

- Two Studios  
  - Area Range: 44-124 m²  
  - Gift Range: $88,000-$250,000

**Bassil Building**

**Ground Floor/Level 1**

- Conference Room  
  - Area: 22 m²  
  - Gift: $33,000

**Third Floor/Level 4**

- Dean’s Wing  
  - Area: 37 m²  
  - Gift: $55,000

**Zakhem Engineering Building**

**Second Basement Floor/Level 1**

- Wood Workshop  
  - Area: 96 m²  
  - Gift: $200,000

**First Floor/Level 4**

- Auditorium  
  - Area: 128 m²  
  - Gift: $260,000

**Second Floor/Level 5**

- Studio  
  - Area: 79 m²  
  - Gift: $160,000

**Third Floor/Level 6**

- Engineering Computer Lab (#0602.Z)  
  - Area: 85 m²  
  - Gift: $170,000
NAMING LABORATORIES

Civil Engineering

The university has authorized the construction of a new engineering laboratory on the Byblos campus. This building is currently in the design process. The following laboratories are planned for the facility, and specific naming opportunities will be available.

**Construction Materials Laboratory** for standard tests on most types of building and construction materials, including concrete, aggregates, asphalt, various metals and related constituents.

**Structural Engineering Laboratory** for testing full-sized columns and beams.

**Water Resources Laboratory** for testing water and other fluids. Among the tests that will be possible are flow measurements, piping systems, pumps and their characteristics, flow conditions, open channels, turbines, suspended sediments and bed load analysis.

**Stress Analysis Laboratory** for stress analysis concepts including stress and strain measurements, material failure, elastic stability and fractural mechanics.

**Soil and Geotechnical Laboratory** to perform standard laboratory and field identification tests of soils and their properties.

**Environmental and Water Quality Laboratory** for analyses of unit processes and operations in water and wastewater treatment, as well as analysis of all physical, chemical and microbiological water quality parameters.

**GPS/GIS and Surveying Laboratory.** The only continuous-monitoring GPS station in Lebanon, it will become part of the UNAVCO consortium in the United States and the International GPS Service (IGS).

**Computing Laboratory** for use in instruction and teaching of SOFT courses.

Electrical and Computer Engineering

**Instrumentation and Measurements Laboratory** will feature workstations that can be used to demonstrate digital data acquisition systems. Each workstation will have a National Instrument Data Acquisition board attached to a computer with Labview software. Smart materials such as piezoceramics, ionic polymer transducers, dielectric elastomers and shape memory alloys will be available for advanced courses.

**Power Laboratory** for research and instruction in the area of power systems, including power grids and equipment, and alternative power systems.

**Logic and Digital Design Laboratory** featuring commercial grade computer-aided design (CAD) tools for VHDL-based design.
Communication and Control Laboratory for systems performance research through the use of feedback and advanced algorithms. Equipment will include autonomous vehicles, motor drives and magnetic levitation, communication systems and networks, advanced signal processing.

Micro Computer Laboratory housing state-of-the-art computing workstations running both Microsoft Windows and Linux operating systems.

Linux Laboratory running the Linux operating system for use by electrical engineering and computer engineering faculty and students for study and research in software engineering, operating systems, networking, open source software and other topics related to software systems.

Optical Fiber and Wireless Laboratory for research in fiber fabrication, fiber-based devices and sensors, telecommunication applications using fiber-optic and wireless networks, broadband access, and interfaces between wireless and fiber-optic systems.

Embedded Systems and VLSI Design Laboratory for research in the design, modeling, testing and analysis of computational machines at all levels. This includes logic gates, integrated circuits, systems-on-a-chip, micro-architectures and network architectures.

Antennas and Wireless Applications Laboratory for wireless communications including analysis and visualization of the propagation of radio signals, antenna studies for satellite and wireless communications, and applications in wireless communication.

Robotics, GPS and Inertial Navigation Systems Laboratory for teaching and research in robotic systems control, automated navigation systems based on GPS, and GPS systems vulnerability, resilience and accuracy.

Industrial and Mechanical Engineering

Industrial and Mechanical Computing Laboratory housing modern computing workstations running both Microsoft Windows and Linux operating systems.

Manufacturing and Digitization Laboratory featuring a CNC vertical milling machine and a CNC lathe. The lab will be equipped with 20 computers networked to those in the classroom, allowing students to build, analyze and then manufacture a modeled part.

Materials Testing Laboratory for tests ranging from simple tension/compression tests to fracture mechanics, mechanical fatigue and high-rate testing.

Internal Combustion Engines Laboratory/ICE Laboratory featuring gasoline and diesel engines that can be connected to dynamometers and control units. This will permit a variety of studies in areas such as torque, inlet and exhaust temperatures, inlet airflow rate and fuel flow rate. This lab also will include a sectioned, electrically operated four-cylinder engine.
Industrial and Mechanical Engineering

**Machine Dynamics Laboratory** designed to meet the needs of students who are required to understand the basic principles of machines. Students will be able to study the whirling of shafts apparatus, perform cam analyses and experiment with the balancing of reciprocating masses apparatus, plus other machine-based phenomena.

**HVAC Laboratory** including an air conditioning laboratory unit for the study of thermodynamic processes involved in heating, cooling, humidification and dehumidification.

**Heat Transfer Laboratory** for the study of three basic modes of heat transfer: conduction (linear and radial), convection (steady and unsteady state) and radiation.

**Instrumentation and Measurements Laboratory** for the study of digital data acquisition systems, thermocouples, strain gauges, and accelerometers and including smart materials such as piezoceramics, ionic polymer transducers, dielectric elastomers and shape memory alloys.

**Packaging Laboratory** to perform compression, vibration, stacking and crush tests on boxes, containers, full packages, plastic films, corrugated boards and paper.

**Mechanical Thermo-Fluids Laboratory** for the study of fluid mechanics, thermodynamics and heat transfer experiments, among others. It will be equipped with a wind tunnel for the study of airflow patterns and complex vertical flow fields.

**Quality Control Laboratory** housing tools and equipment typically used to control process quality in a manufacturing setting.

**Industrial Laboratory** with state-of-the-art simulation, scheduling, statistical and other software and computing facility space.

**Wood and Metal Shop** with experimental laboratory space.

**Controls, Mechatronics and Robotics Laboratory** with real-time controllers ranging from simple conventional control schemes like PID to more complicated unconventional controls; sensors and controllers used in robots, such as computer-vision systems and motor controllers.

**Mechanical Engineering Special Courses and Project Laboratory** for the assembly testing, and storing of FYP and ASME projects. Examples of special courses include unconventional aircraft and racecar design.
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Supporting Engineering & Architecture Education Donor Opportunities

**Byblos Campus | Basil Building**

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<td>Dean’s Wing</td>
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Supporting Engineering & Architecture Education Donor Opportunities

**Byblos Campus | Zakhem Engineering Building**

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<td>Engineering Computer Lab</td>
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</table>
Supporting Engineering and Architecture Education
Supporting Medical Education
Gilbert and Rose-Marie Chagoury
School of Medicine
A Word from the President

Dear Friends,

Since I became LAU’s president on August 1, 2004, we have passed several historic milestones; the establishment of the Gilbert and Rose-Marie Chagoury School of Medicine is the latest of these. This School embodies our distinctive purpose to serve others and to respect human dignity. As a dynamic, student-centered institution, we intend to instill in our medical students a true dedication to their patients. Our pre-medical and medical curricula combine ethics and humanities with a thorough professional grounding to form well-rounded physicians. Further, our medical school will emphasize research on indigenous diseases of the Middle East.

Because it is an American institution located in Lebanon, LAU offers students an opportunity to earn a prestigious American medical degree without having to leave their country. Our faculty will be of the highest quality, our admissions policy will be selective, and our well-trained staff will provide a strong support system.

Thank you for your keen interest in the Gilbert and Rose-Marie Chagoury School of Medicine. Together we can shape a bright and healthy future.

Sincerely,

Joseph G. Jabbra, Ph.D.
President
Lebanese American University

“LAU offers students an opportunity to earn a prestigious American medical degree without having to leave their country.”

“This Medical School embodies our distinctive purpose to serve others and to respect human dignity. As a dynamic, student-centered institution, we intend to instill in our medical students a true dedication to their patients.”
Dear Friends of LAU:

I invite you to participate in building a new institution in Lebanon: the LAU Gilbert and Rose-Marie Chagoury School of Medicine. The School of Medicine at LAU is being conceived and designed to create a new physician, one who is superbly trained in the skills of 21st century medicine, but who believes deeply that a physician is, above all, a merciful healer. While providing talented young men and women with the opportunity to pursue an American-style medical education, it will also emphasize world-class basic and clinical/translational research, and will target regional health needs. The school of medicine aims to attract acclaimed Lebanese talent in biomedical science from the region and around the world.

Together, we can create a lasting gift for the generations to come; a gift for Lebanon and for the world.

Sincerely,

Kamal Badr, M.D.
Dean

Welcome from the Dean

“...the birth of a unique institution which will serve Lebanon for generations to come.”

You will appreciate how the new medical school at LAU will indeed be different, and why its mission is truly worth your support.
Welcome to an Institution Devoted to People

ABOUT LAU

Lebanese American University is an American institution chartered by the Board of Regents of the University of the State of New York and operating in Lebanon. Originally founded as a Presbyterian school for girls in 1835, LAU is a private, nonsectarian, co-educational institution of higher education encompassing five academic schools. Its two campuses in Beirut and Byblos offer more than 6,800 undergraduate and graduate students a wide range of academic and professional degrees, including the only doctor of pharmacy program outside the United States recognized by the Accreditation Council of Pharmacy Education.

LAU’S FUTURE AND THE MEDICAL SCHOOL

LAU’s accomplishments in recent years show the commitment of our students, alumni, faculty and staff to reinventing LAU as a regional center for top-quality education. Nowhere is this more evident than in the creation of the LAU Gilbert and Rose-Marie Chagoury School of Medicine — an institution that will train medical professionals to serve Lebanon and the greater Middle East.

REGIONAL VISION

The location of the school of medicine makes it a welcoming place for visiting or relocating faculty from America or Europe — especially given Lebanon’s diverse atmosphere and Mediterranean climate. The school aims for regional pre-eminence by the establishment of triangular collaborations among regional medical centers and their partners in American medicine.

LAU is in the midst of dramatic and far-reaching institutional change.
Cultivating the Beneficial Edge: Facts and Insights

Q: What will distinguish the LAU medical graduate?

A: While regional and global needs and opportunities support a promising vision for a new medical school as envisioned by LAU, what will distinguish the Gilbert and Rose-Marie Chagoury School of Medicine is its unique strategy for creating a new breed of physician. LAU has developed major curricular requirements in the following competencies:

- **Social Medicine**: The Department of Social Medicine at LAU will aim at graduating well-rounded, humane physicians who are determined to understand and treat the whole patient, not just the disease.

- **Business of Medicine**: In collaboration with the LAU School of Business, mandatory courses will address the financial and business aspects of medical practice.

- **Professional Interaction with the Pharmaceutical Industry**: In collaboration with the LAU School of Pharmacy, the medical school will require graduates to be well-versed, self-confident and ethically transparent in their professional interactions with the pharmaceutical industry and with emerging global therapeutic and healing trends and technologies.

- **Continuing Education, Self-Monitoring and Self-Improvement**: The pre-clinical and clinical curriculum will prepare students to approach science and the practice of medicine as life-long learners by fostering self-direction, critical thinking, self-assessment and performance improvement.

LAU medical graduates will be expected to:

- Provide patient-centered care
- Employ evidence-based practice
- Be computer literate
- Apply quality improvement
- Work in interdisciplinary teams

The 'business' side of medicine presents serious challenges to physicians.
Q: What will be the school’s areas of excellence and recognition?

A: LAU was founded as a college for women. The school of medicine will build on this foundation to ensure the health and healing of the entire family. Thus, the following areas of excellence and recognition are planned:

- Women’s health
- Adolescent and pediatric medicine
- Geriatric medicine
- Genetic medicine
- Neuroscience and mental health

In addition, the following centers will address prevalent disease conditions and national and regional health needs:

- Center for Cardiac and Vascular Diseases
- Adult Cancer Center
- Center for Advanced Surgical Techniques
- Center for Obesity, Diabetes and Metabolic Disorders
- Center for Musculoskeletal and Sports Medicine

Today’s physicians often have difficulty seeing their role as anything more than the diagnosis and treatment of signs and symptoms.
The LAU Gilbert and Rose-Marie Chagoury School of Medicine will be housed in a state-of-the-art facility. The underlying concept behind its design is to build space around people rather than technology. Fundamental human wants including comfort, natural light, ambiance and window views take prominence in the design. The building will host world-class facilities, supported by a range of technological solutions in the classroom and beyond, from video streaming/videoconferencing and digitized collections of microscope slides to a library that is primarily electronic.

The use of space, light and architecture will be augmented by touch-panel information screens and large plasma screens. In keeping with research that emphasizes the importance of social interaction in learning, a high-quality social area will serve as a focal point of the building. This Learning Center, together with the student/faculty common area on the ground floor, will feature wireless connectivity, computer terminals, laptops and a 24/7 cyber café with appealing, modern décor.

Conceived to extend the reach of learning beyond classes.
Classroom design and supporting technological infrastructure will optimally reflect the medical school’s pedagogical aims. Technological solutions that reinforce mobile learning, connected learning, visual and interactive learning, and supported learning are widely present throughout the building design. By supporting both faculty- and student-led activities, classrooms and other teaching spaces will provide innovative forums for presentations, discussions, collaborative project work and information retrieval and sharing. Technologically advanced case study rooms will have tiered, U-shaped seating to encourage a balance of peer-to-peer learning and guidance from course facilitators.

The multi-disciplinary laboratories will promote interaction and will integrate computers and multimedia technologies into the learning environment. Cameras and PCs in the laboratory will allow students to access resources and record their observations. A Clinical Skills and Simulation Center (CSSC) will enable students to safely prepare for “real world” environments. The Simulation and Skills Assessment Center (SSAC) will be divided into the clinical skills teaching and assessment laboratory for simulated patient encounters, and the simulation laboratory with a full-scale surgical procedure simulation room. Multipurpose simulation bays and a control room will further empower trainees and students.
Dr. Zeinat Hijazi, assistant dean for medical education, has developed a curriculum that emphasizes the importance of educating and training medical graduates who are well-equipped and ready to face the challenges and changing demands of the medical profession in the 21st century. Building on the university’s reputation for excellence in the region, the medical school curriculum will integrate basic and clinical science. Students will see real patients almost immediately, and the curriculum will emphasize critical thinking, evidence-based medicine and lifelong learning.

“On par with the curricula of renowned international institutions, ours holds the essence of shaping a new physician.”

The LAU Gilbert and Rose-Marie Chagoury School of Medicine will combine a research center with a teaching institution, graduating students with a deeply instilled intellectual curiosity and appreciation for research. Dr. Pierre Zalloua, assistant dean for research, is at the forefront of diverse research which culminates in one objective: translational medicine that directly benefits patients. State-of-the-art research laboratories at the medical school will house more than 20 senior investigators and their teams. The school will share additional space with the schools of Arts and Sciences and Pharmacy in Byblos and will oversee a modern clinical research center at the Rafik Hariri University Hospital.

“We are wholly devoted to research that is relevant to the region and its people.”

Dr. Tony Zreik, assistant dean for clinical affairs, has shaped clinical instruction to emphasize patient-centered, integrated health care and clinical teamwork. The medical school’s affiliated teaching hospitals will be true partners in the academic enterprise, with academic support as a fundamental element of their vision and mission, and with faculty members integral to their operational decision-making. This interaction between our academic clinical programs will serve as a business and clinical role model for our students.

“We aspire to preserve, refine and advance knowledge in basic and applied medical science.”
“LAU’s aim is different from that of other universities. We are concerned both with education and with building the personality of students. We are taught how to learn.”

Zeina Ghandour

“Our teachers’ level of expertise and care for students are unprecedented. The wide variety of academic offerings is also something I’ve benefited from greatly. I had heard a great deal about the premed program and how good it was at LAU, and now, I can safely say that I was not misled.”

Mazen Oneissi

“The research center and labs are well-equipped and have great technology. Because there are a small number of students we can really benefit from the labs. We will also have clinics for simulations.”

Khodr Othman

“The mission of the school is to help as many people as possible and to interact with society. Because there are only a few students per class, it shows LAU is committed to students and to building a reputation.”

Jad El Danaf
ImproVed Education
...ToWards Greater unity

A MULTIDISCIPLINARY APPROACH

The 2003 Report of the Institute of Medicine of the National Academies of Sciences, Engineering and Medicine and the National Research Council USA, (“Health Profession Education: A Bridge to Quality”) clearly argues that medical education is optimally experienced only within the fabric of an interdisciplinary health professions education program.

With this compelling statement in mind, LAU’s Byblos campus will be home to a multidisciplinary health science, business and technology research hub that offers the youth of Lebanon and the region opportunities to acquire expertise in medicine, nursing, business, health care management, public health, bioengineering, and pharmaceutical science. LAU’s Byblos campus is the right location for this multidisciplinary approach, as it is the current center for many relevant fields. This approach aligns LAU with the overall strategy for health education and advancement in the United States. More significantly, the multidisciplinary approach lies at the heart of our mission as a university to be student- and patient-centered.
Harvard Medical International (HMI), an internationally renowned and esteemed name in the medical field, is collaborating with LAU in the development of the Gilbert and Rose-Marie Chagoury School of Medicine. The collaboration is in line with HMI’s dedication to the pursuit of quality health care, research and education throughout the world, and is also a testament to the medical community’s recognition of the prospects for our medical school.

This significant partnership reinforces the medical school’s strong standing as a vital institution in the region.

According to Dr. N. Lynn Eckhert, director of academic programs at Harvard Medical International, “By sharing resources for training of all disciplines, HMI believes the medical school’s approach will substantially increase utilization of capital intensive facilities — making it a model that could benefit other HMI partner institutions in the United States and around the globe.

“LAU Gilbert and Rose-Marie Chagoury School of Medicine school of medicine is putting in place an educational system that incorporates concepts of assessment and continuous improvement which may be replicated elsewhere. Dr. Badr is conceptualizing many very innovative educational and clinical practice models for the Gulf region that will change both medical education at the undergraduate and post-graduate levels and patient care for the region. HMI looks forward to further working together [with the medical school] on these concepts.”

“Promise for the next generation of Middle Eastern physicians.”
Generosity that Enlightens the Future

LAU Trustee Gilbert Chagoury, a diplomat and businessman who heads the Chagoury Group, together with his wife, Rose-Marie, showed their sincere support for the visionary LAU medical school by making a crucial gift of $10 million. Below, Mr. Chagoury explains why he chose to contribute to LAU’s distinctive medical school.
When you heard about the plans to establish a medical school, what were your first thoughts?

My first thought was that it was being built at the right location to serve students who cannot commute everyday to the capital, which I believe is needed to encourage people to stay and develop their villages, towns and rural areas rather than abandon them and move to Beirut.

What convinced you to offer such a transformational gift to LAU in general and the medical school in particular?

Despite being born in Nigeria, I have always felt strong ties with my Lebanese origins, and consider myself as Lebanese before anything else. My friendship with Dr. Jabbra and my admiration for the passion he has for LAU has been a driving force that attracts me to help the institution. As for the medical school, it is a necessity for the region.

What encouragement would you give others considering making such a gift to LAU?

I would call it a duty rather than a gift. Anybody who can afford to contribute even a small or modest amount should not hesitate to back the flourishing of noble causes at LAU.
Naming Opportunities

Naming of Academic Chairs, Programs and Centers

Medical School Deanship: $3 million

The Dean of Medicine will set the bar for innovation and excellence at the LAU Gilbert and Rose-Marie Chagoury School of Medicine. The individual whose name precedes the Dean’s title will be assured a legacy of recognition as a supporter of leadership and service in the medical sciences in the Middle East.

Academic Chairs: $2 million each

Academic programs at the medical school will initially be led by five department chairpersons with records of outstanding achievements and academic leadership. The naming of endowed chairs will be offered for the following Departments:

> Department of Medical Science
> Department of Surgical Sciences
> Department of Pathology and Laboratory Medicine
> Department of Medical Imaging and Interventional Therapeutics
> Department of Basic Medical Sciences

Endowment of Specialized Research Centers:

Center for Nanotechnology and Nanomedicine $3 million
Academic Chair $2 million

Nanotechnology is vital in engineering and device development, biomedical sciences, innovative therapeutics and advanced surgical approaches. Support of this center will ensure that LAU graduates can be leaders and innovators in shaping the future of humanity.

Center for Drug Discovery $3 million
Academic Chair $2 million

With the founding of the medical school and the strengthening of its programs in translational research, human genetics, and engineering programs, LAU now seeks to establish the first Center for Drug Discovery in the Arab world. Support of this initiative will help ensure that LAU becomes an active participant in the advancement of health through the development of new medicines.

Center for Interdisciplinary Health Professions Training and Research $3 million
Academic Chair $2 million

Given the resources already present and/or under development there, a multidisciplinary LAU health science, business and technology training, and research program is planned for the Byblos campus. The program will offer opportunities to acquire expertise in medicine, nursing, pharmaceutical science, business, health care management, public health, and bioengineering.
A comprehensive center for genetics research will fall under the leadership of Dr. Pierre Zalloua, Assistant Dean for Research at Gilbert and Rose-Marie Chagoury School of Medicine, Director of the Genomics & Proteomics Research Lab, and Principal Investigator of ‘The Genographic Project.’ The Genomics & Proteomics Research Lab, a facility core established by the School of Arts & Science in Byblos in 2005, has already received major support for the development of proteomics research, and is the only accredited Lab functioning outside the EU as a regular member of the SeqNet organization.

The center for genetics research will provide opportunities in the following areas:

- **Genomics Facility Core** The initial objectives of the Facility Core are to make a wide range of reliable, validated assays for analyzing changes in gene expression available to University investigators. The laboratory, while applying the latest U.S. standards in genomics based programs, will link fundamental life science research programs with applied research across the campus. The laboratory will serve as a research facility to faculty/graduate students in many disciplines including biological, medical, and pharmacological sciences.

- **Genetic Information and Counseling** Associated patients will be able to undergo testing for genetic risk factors pertaining to common and rare diseases and potentially adverse drug reactions. Eventually, testing for dosing regimens (pharmacogenomics) will also become available.

- **Gene Mining and Drug Discovery** This center will use functional genomics technologies to generate a comprehensive and multidimensional description of well-defined states of complex diseases, which will be used as a platform for studying the causes of said diseases. Lebanese and Middle-Eastern populations provide a unique opportunity to study the genetics of complex diseases, as the average rate of consanguineous marriages in the region can range from 25% to over 50%.

The required components for the creation of this center are already in place, and include a Clinical Research Center (CRC) at the Rafic Hariri University Hospital with a fully equipped laboratory.
Endowment of Specialized Clinical Centers

Center for Women's Health
Academic Chair
$5 million
$2 million

The physical and mental well being of women will be the focus of this multidisciplinary center, which will center on the health issues of adolescent girls, women in the childbearing years, and post-menopausal women.

Center for Adolescent and Pediatric Medicine
Academic Chair
$5 million
$2 million

This center will fulfill the serious need for a Pediatric and Adolescent Medicine Center in the region. The center will focus on rampant, emerging conditions such as childhood obesity/malnutrition, hormonal and psychological disorders in adolescents, drug abuse, accidents, and infant mortality.

Center for Geriatric Research
Academic Chair
$5 million
$2 million

The health of older parents and grandparents will be addressed at this center. A number of ‘elderly care’ centers exist in Lebanon, but none employ significant expertise in world-class geriatric medicine or is adequately staffed.

Center for Neuroscience
Academic Chair
$5 million
$2 million

Studies reveal an alarming rate of major psychiatric illnesses among the Lebanese, coupled with one of the highest rates of psychotropic medication consumption and abuse in the world. This center will provide expertise in advanced neurology, neurosurgery, psychiatric hospital and clinics, psychological and behavioral therapy, and drug abuse.

Endowment of Clinical Centers of Excellence

Per Interdisciplinary Clinical Center of Excellence
Per Academic Chair
$5 million
$2 million

- Center for Cardiac and Vascular Diseases
- Adult Cancer Center
- Center for Advanced Surgical Techniques
- Center for Obesity, Diabetes and Metabolic Disorders
- Center for Musculoskeletal and Sports Medicine
## Naming of Teaching and Laboratory Facilities

### First Basement

**Anatomy Laboratory (1B-47)** Area: 240 m², $500,000
The Anatomy Teaching Laboratory will be a modern teaching facility consisting of eight dissecting workstations, each equipped with a human anatomical simulator unit and a high level of network and communication capabilities. Additional facilities will include an embalming room, storage facilities, and faculty offices.

**Main Auditorium (1B-44)** Area: 375 m², $750,000
The 200-seat auditorium will be the main medical school venue in which major academic events will take place. It will be equipped with the latest audio-visual capabilities, including online video streaming.

**Exhibit Lounge (1B-48)** 510 m², $1 million
This lounge will be an interactive space in which functions related to main speaking events can be held. The space will be furnished with several comfortable couch areas for relaxation and discussion during formal meetings.

### Ground Floor

**Main Hall (GF-55)** 450 m², $1 million
The Entrance Hall will feature modern information display and retrieval kiosks, and will showcase historic and landmark events, people, and achievements of the medical school for generations to come.

**Student-Faculty Commons and Learning Center (GF-37)** 410 m², $750,000
The Ground Floor will host a high-quality social space. Brightly lit and Wi-Fi equipped, the Student/Faculty Common area will encourage connectivity in education. The area will house the Learning Center, a state-of-the-art technology and information area.

**Library and Informatics Center (GF-59)** 725 m², $2 million
The ground floor will house the LIC with reading areas, reading lounges (designated for collaborative work and discussions), individual study carrels, media development and photo printing room, and the latest in electronic learning resources and capabilities.

**Cyber Café (GF-23)** Area: 90 m², Price: $200,000
The modern ground floor 24/7 Cyber Café will feature a mix of comfortable furniture, good coffee, good food and a friendly place for mobile telephone use and general chat.
STUDENT LIFE CENTER (GF-29, GF-34, GF-41, GF-42, GF-43) 10 m² each, $15,000 each

The SLEC will contain offices dedicated to all aspects of student life, including admissions, career planning, financial aid, community outreach activities, sports, counseling and advising, publications, and student-initiated activities and projects. The center will also feature an exhibit space for the display of student research and other projects.

STUDENT EXHIBIT AREA (GF-40) Area: 55m², $100,000

VISITING AND EMERITUS FACULTY OFFICES AND BUSINESS CENTER (GF-44 and GF-45) Total Area: 86 m², $150,000

This area will cater to the needs of emeritus and retired and visiting faculty. It will feature large open office spaces, lounge areas and Wi-Fi and printing and communications resources.

FIRST FLOOR

CLINICAL SKILLS AND SIMULATION CENTER

The CSASC will be one of the School of Medicine’s unique features, and will help distinguish the school from all existing medical schools in Lebanon. The Center is designed to facilitate the preparation and assessment of students and trainees in the skills required for the practice of clinical medicine.

Other naming opportunities at the CSASC:
- Simulation OPERATING ROOM + Control Room (1F-54 and 1F-58)
  Area: 61 m², $100,000
  This unit will function as a full-scale mock-up OR which can provide highly realistic scenarios for surgical training.
- Multi-purpose Simulation Bays + Control Room (1F-59A)
  Area: 330 m², $500,000
  Intensive care units, a coronary care unit, an emergency room, general ward beds, delivery rooms, and other realistic clinical settings will be simulated in this unit.

CENTRAL CLASSROOM DEMONSTRATION AND DE-BRIEFING ROOM (1F-65)

Area: 88 m², $150,000

This will be a flexible teaching space with a demonstration area. Used as an Orientation Room, it will feature a ceiling-mounted drop screen, LCD projector, and VTC or Video Teleconferencing. As the Simulation Center’s audio/video entry and exit point, it will offer audio/visual and computer equipment linked to the clinical exam rooms, multipurpose simulation bays, and the OR simulation room.

EXAMINATION ROOMS (1-F TO 1F-63 AND 1F66 TO 1F-69), Area 10m² each, $20,000 each

These eight clinical examination rooms will surround the Central Classroom. Each room will be equipped with 2 video cameras and a wall-mounted microphone that permit encounters to be recorded for subsequent analysis.
ASSESSMENT OBSERVATION ROOMS (1F-60A, 1F-61A, and 1F-66A)
Area: 9m² each, $20,000 each
In order to accommodate faculty and technicians who monitor the simulation exams, these rooms will contain one large projection screen with the ability to display video from a single room, or to be split to monitor two or more of the eight Examination Rooms simultaneously.

MEDIA RESOURCES ROOM (1F-50)
Area: 56 m², $100,000
This room will be accessed by students and faculty as an electronic audio-visual resource center which stores and organizes all materials produced at the CSASC.

MEDICAL SCHOOL ADMINISTRATION SUITE (1F-21, 24, 64, 79, 81, 84, 85, 87, 88)
Area Range: 15-50 m², $20,000-$100,000
The administration suite will house the offices of the Dean and Assistant/Associate Deans for Education, Research, and Clinical Affairs. The suite will also include office space for support staff, as well as the meeting education unit, the Office of Student Affairs, and various meeting rooms, reception lounges and other administrative environments.

MEDICAL FACULTY COMPLEX (1F-5 to 19, 1F-25 to 32, and 1F-37 to 44)
Area Range: 10-45 m², $15,000-$70,000
The Faculty Complex will be the hub of academic activity at the medical school. It will house the offices of the entire basic science faculty according to areas of expertise. The complex will have offices for Part-Time faculty, support functions and secretarial offices, and a Center for Technology and Education with the latest resources for teaching, preparation of audio-visual material, examinations, and faculty presentations at scientific meetings.

Practice Carrel (1F-1)
Area: 30 m², $50,000
The carrel will feature simulation mannequins for instruction in physical examination techniques on the human body.
SECOND FLOOR

CASE METHOD ROOM (2F-54)
Area: 212 m², $450,000

The CMR will fulfill the mission of the new curriculum in transforming the teacher’s role from “Sage on the Stage” to the “Guide by the Side” model. The room will be equipped with technical and electronic teaching tools, and will be the focus point of the problem-based learning approach to medical education.

THIRD AND FOURTH FLOORS

RESEARCH LABORATORIES (3F-24, 25, 26, 28 to 31, 36, 61, 63, 66) (4F-27 to 32, 35, 39 to 45, 47, 48, 52, 54, 56, 57)
Area Range: 9-45 m², $15,000-$70,000

The basic science research laboratories will occupy the two top floors of the medical school building. These laboratories will include over 1800 square ms of wet laboratory space, and will be equipped with the latest technologies for performing world-class biomedical research. With room for about 20 principal investigators, the laboratories will also contain office space, conference rooms, and space for support persons, post-graduate students and research fellows. Naming of the basic science program will entail a permanent identification of these laboratories as “The (Donor’s Name) Medical Research Laboratories at LAU.”

CONFERENCE ROOMS (1F-1A, 1F-30, 1F-40, 1F-64, 1F-80, 1F-83, 1F-84, 4F-51)
Area Range: 13-28 m², $25,000-$50,000

The medical school building will feature seven individual Conference Rooms. In addition to a wall-plaque, all announcements and notices pertaining to activities in these rooms will showcase the name of the donor. The conference rooms available for naming are utilized by students and teachers (1F-30, 1F-64), the Dean and Administration (1F-80, 1F-83, 1F-84), and the Research teams (4F-51).
### Supporting Medical Education Donor Opportunities

**MEDICAL SCHOOL | FIRST BASEMENT**

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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<tr>
<td>1B-47</td>
<td>240</td>
<td>Anatomy Laboratory</td>
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</tr>
<tr>
<td>1B-44</td>
<td>375</td>
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<td>1B-48</td>
<td>510</td>
<td>Exhibit Lounge</td>
<td>$1,000,000</td>
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## Supporting Medical Education

**Donor Opportunities**

**MEDICAL SCHOOL | GROUND FLOOR**

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<th>Function</th>
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<td>Cyber Café</td>
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<td>5 Student Life Offices</td>
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<td>GF-37</td>
<td>410</td>
<td>Student-Faculty Commons and Learning Center</td>
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<tr>
<td>GF-40</td>
<td>55</td>
<td>Student Exhibit Area</td>
<td>$100,000</td>
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<td>Visiting and Emeritus Faculty Offices and Business Center</td>
<td>$150,000</td>
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<td>GF-55</td>
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<tr>
<td>GF-59</td>
<td>725</td>
<td>Library and Informatics Center</td>
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<td>Function</td>
<td>Price</td>
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<tr>
<td>1F-1</td>
<td>30</td>
<td>Practice Carrel</td>
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<tr>
<td>1F-1A</td>
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<td>Conference room</td>
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<td>8 Medical Faculty Offices</td>
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<td>6 Medical Faculty Offices</td>
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<tr>
<td>1F-21</td>
<td>14</td>
<td>Medical School Administration Suite</td>
<td>$20,000</td>
</tr>
<tr>
<td>1F-24</td>
<td>32</td>
<td>Medical School Administration Suite</td>
<td>$50,000</td>
</tr>
<tr>
<td>1F-18/25/29</td>
<td>14</td>
<td>3 Medical Faculty Offices</td>
<td>$20,000 each</td>
</tr>
<tr>
<td>1F-26/27/28/31/32</td>
<td>10</td>
<td>5 Medical Faculty Offices</td>
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</tr>
<tr>
<td>1F-30</td>
<td>13</td>
<td>Conference Room</td>
<td>$25,000</td>
</tr>
<tr>
<td>1F-37</td>
<td>25</td>
<td>Medical Faculty Offices Complex</td>
<td>$40,000</td>
</tr>
</tbody>
</table>
LAU GILBERT AND ROSE-MARIE CHAGOURY
SCHOOL OF MEDICINE
Tel. (961) 1 784408 Ext: 1842
Fax. (961) 1 788160
PO.Box 13-5053
Chouran - Beirut 1102 2801 - Lebanon
E-mail: som@lau.edu.lb

BEIRUT DEVELOPMENT OFFICE
Tel. (961) 1 786456 Ext: 1323
Fax. (961) 1 803658
PO.Box 13-5053
Chouran - Beirut 1102 2801 - Lebanon
E-mail: development@lau.edu.lb

NEW YORK OFFICE
Tel. (212) 870 2592
Fax. (212) 870 2762
475 Riverside Drive, Suite 1846
New York, NY 10115 0065 - USA
E-mail: nydevelopment@lau.edu
<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1F-38/39/42</td>
<td>9-14</td>
<td>3 Medical Faculty Offices</td>
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<tr>
<td>1F-40/84</td>
<td>16</td>
<td>2 Conference Rooms</td>
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<tr>
<td>1F-41/43/44</td>
<td>35-45</td>
<td>3 Medical Faculty Offices Complex</td>
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<tr>
<td>1F-50</td>
<td>56</td>
<td>Media Resources Room</td>
<td>$100,000</td>
</tr>
<tr>
<td>1F-54 and 1F-58</td>
<td>61</td>
<td>Simulation Operating Room and Control Room</td>
<td>$100,000</td>
</tr>
<tr>
<td>1F-59A</td>
<td>330</td>
<td>Multi-purpose Simulation Bays and Control Room</td>
<td>$500,000</td>
</tr>
<tr>
<td>1F-60 to 1F 63</td>
<td>10 each</td>
<td>4 Examination Rooms</td>
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<tr>
<td>1F-60A, 61 A, 66-A</td>
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<td>3 Assessment Observation Rooms</td>
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<tr>
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<td>1F-65</td>
<td>88</td>
<td>Central Classroom Demonstration and De-briefing Room</td>
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<tr>
<td>1F-66 to 1F 69</td>
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<td>1F-71 and 1F-76</td>
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<td>1F-79/81/85/87/88</td>
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</tr>
<tr>
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<td>Area (m²)</td>
<td>Function</td>
<td>Price</td>
</tr>
<tr>
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<td>-----------</td>
<td>------------------------------</td>
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</tr>
<tr>
<td>2F-40</td>
<td>45</td>
<td>Large Group Classroom</td>
<td>$70,000</td>
</tr>
<tr>
<td>2F-41/42/43/44</td>
<td>38</td>
<td>4 Small Group Classrooms</td>
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<tr>
<td>2F-51</td>
<td>92</td>
<td>Student Computer Lab</td>
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<td>Case Method Room</td>
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<td>3F-20</td>
<td>105</td>
<td>Multi-Disciplinary Student Laboratory</td>
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<tr>
<td>3F-21</td>
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<td>3F-24/28/29/30/61/63</td>
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<td>7 Research Laboratories</td>
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<tr>
<td>3F-25/36/66</td>
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<td>Research Laboratory</td>
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<td>3F-27</td>
<td>41</td>
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<td>3F-33</td>
<td>32</td>
<td>Multi-Disciplinary Student Laboratory</td>
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</tr>
<tr>
<td>3F-48</td>
<td>355</td>
<td>Faculty Research Laboratory</td>
<td>$750,000</td>
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<tr>
<td>3F-57</td>
<td>141</td>
<td>Faculty Research Open Laboratory</td>
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</tr>
</tbody>
</table>
### Supporting Medical Education

**Donor Opportunities**

**MEDICAL SCHOOL | FOURTH FLOOR**

<table>
<thead>
<tr>
<th>Room Nº</th>
<th>Area (m²)</th>
<th>Function</th>
<th>Price</th>
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<tbody>
<tr>
<td>4F-26</td>
<td>290</td>
<td>Faculty Research Laboratory</td>
<td>$600,000</td>
</tr>
<tr>
<td>4F-27/30/32/48</td>
<td>13</td>
<td>4 Research Laboratories</td>
<td>$25,000 each</td>
</tr>
<tr>
<td>4F-28/40/41/42/43/44/45/47/56</td>
<td>10</td>
<td>9 Research Laboratories</td>
<td>$20,000 each</td>
</tr>
<tr>
<td>4F-29/35/52</td>
<td>14</td>
<td>3 Research Laboratories</td>
<td>$30,000 each</td>
</tr>
<tr>
<td>4F-31/54</td>
<td>18</td>
<td>2 Research Laboratories</td>
<td>$35,000 each</td>
</tr>
<tr>
<td>4F-39</td>
<td>45</td>
<td>Research Laboratory</td>
<td>$90,000</td>
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<tr>
<td>4F-51</td>
<td>25</td>
<td>Conference room</td>
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</tr>
<tr>
<td>4F-55</td>
<td>420</td>
<td>Faculty Research Laboratory</td>
<td>$800,000</td>
</tr>
<tr>
<td>4F-57</td>
<td>20</td>
<td>Research Laboratory</td>
<td>$40,000</td>
</tr>
</tbody>
</table>
Supporting Pharmacy Education
Dear Friends,

LAU has made significant and impressive advances. Our exceptional progress in academics, our intense dedication to students, our exemplary achievements in governance, and our prudent financial management make us an enviable success story. We are committed to our mission and resolved to take LAU to new heights of excellence.

Our strategic plan, approved by the Board of Trustees in 2005, has given us clear direction to provide students with an excellent education and enrich their lives with opportunities for personal development. We witness with joy the pride our alumni take in their alma mater.

LAU is a world-class institution with strong academic programs in all of our schools. One of the best examples of the quality of education we offer is our School of Pharmacy. Ours is the only pharmacy program outside the United States that is accredited by the Accreditation Council for Pharmacy Education (ACPE).

Established in 1993, the School of Pharmacy continues to excel in three areas: education, research and pharmaceutical care. We offer two degrees: a Bachelor of Science in Pharmacy and a Doctor of Pharmacy.

Graduates of the doctoral program are much sought after by pharmaceutical companies in North America as well as in the Middle East and North Africa region.

Our achievements would not have been possible without the commitment, enthusiasm and generosity of our supporters. Your trust gives us strength; your encouragement, passion; and your advice, wisdom. Thank you for helping us to serve our students and society.

Sincerely,

Joseph G. Jabbra, Ph.D.
President
Lebanese American University

“Ours is the only pharmacy program outside the United States accredited by the Accreditation Council for Pharmacy Education.”
Dear Friends and Alumni,

LAU’s School of Pharmacy is tremendously respected throughout the region. One reason we are so successful is because we provide a contemporary, American-style curriculum modified to meet the unique needs of Lebanon. Our graduates are well-prepared, both scientifically and technically, to provide up-to-date care and information about pharmaceuticals and rapidly changing health care systems. Perhaps just as importantly, our graduates function in flexible research environments, capable of practicing in both community and clinical settings.

Since 2002, our Doctor of Pharmacy program has been accredited by the Accreditation Council for Pharmacy Education (ACPE) which makes our graduates eligible to sit for the North American Pharmacy Licensure Examination (NAPLEX). Our students have a passing rate of 100 percent.

The School of Pharmacy has had an impressive past, and we look toward a promising future; we will continue to provide a positive learning environment that will have beneficial effects on the surrounding community.

If you would like more information, please visit our website at www.lau.edu.lb or contact me directly at your convenience.

Sincerely,

Farid Sadik, Ph.D.
Dean and Professor
(Tel) 09 574 262, Ext. 2444
Email: farid.sadik@lau.edu.lb

“With pride, we note that LAU students have a passing rate of 100 percent and score higher than their North American counterparts on this internationally recognized test of academic achievement.”

MESSAGE FROM THE DEAN

Dear Friends and Alumni,

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If you would like more information, please visit our website at www.lau.edu.lb or contact me directly at your convenience.

Sincerely,

Farid Sadik, Ph.D.
Dean and Professor
(Tel) 09 574 262, Ext. 2444
Email: farid.sadik@lau.edu.lb
A Legacy for Learning – The LAU Advantage

LAU prepares students for responsible living within the rich heritage and multiple needs of their communities.

The Lebanese American University is an American institution chartered by the Board of Regents of the University of the State of New York and operating in Lebanon. Originally founded as a Presbyterian school for girls in 1835, LAU is a private, nonsectarian, co-educational institution encompassing five academic schools. Its two campuses in Beirut and Byblos offer more than 6,800 undergraduate and graduate students a wide range of academic and professional degrees.

LAU prepares students for responsible living within the rich heritage and multiple needs of their communities. Lebanon provides the academic freedom essential to intellectual growth and the fruitful interaction of cultures. The country offers a rich, multifaceted heritage to a student body representing more than 50 nationalities.

To fulfill its commitment to academic excellence and the advancement of scholarship, LAU continues to strengthen its faculty and its academic programs. This strategic initiative will have a direct impact on the School of Pharmacy.

It is the School of Pharmacy’s mission to provide student-centered academic excellence, advanced scholarship and education of the whole person, and the development of students as future leaders. To meet the need for practical and theoretical pharmacists in Lebanon and the Middle East, the school adheres to high academic standards in teaching and research while emphasizing service-based programs. It has become a model for schools in the region.

LAU graduates are scientifically and technically competent pharmacists ready to face the demands of modern medicine.
Patient-Centered Care

Pharmacy education at LAU offers a blended curriculum of lectures, lab studies and clinical work, as well as patient-centered pharmacy practice. Such a full-spectrum experience is increasingly important, since pharmacists are now an integral part of every health care team.

Our clinics give students practical experience in community and hospital settings while they earn their degrees in either the five-year Bachelor of Science in Pharmacy or the six-year Doctor of Pharmacy program. They hone their skills through direct patient interaction and intervention.

At LAU’s School of Pharmacy, students participate in multidisciplinary programs that enhance skills useful throughout their professional careers, and the focus on practical experience provides much-needed health care to underserved communities in Lebanon.

The school embraces the vision of a superior education based on practical, experiential learning.
For instance, as part of its clinical pharmacy practice, the school has established free clinics to care for the underprivileged. At these clinics, students work as part of the health care team, applying what they have learned in their studies to help manage patient medications.

The importance of volunteerism and public service also are underscored in the campus club, NAPHASS (No Apathy-Pharmacy and Health Awareness Student Society), which plays a leading role in promoting health awareness on campus and in the surrounding community.
LAU’s School of Pharmacy holds international recognition based on its American-style education. Like its North American counterparts, the school has successfully met the strict criteria for accreditation set by the Accreditation Council for Pharmacy Education (ACPE). Furthermore, our Doctor of Pharmacy program is the only one outside the United States to have this accreditation.

The School of Pharmacy’s ability to “test with the best” is certainly evident when viewing our graduates’ overwhelming academic success on the North American Pharmacist Licensure Examination (NAPLEX). The passing rate for our students has been consistently 100 percent, with average scores above the U.S. national average. The superior scores have been noted by the National Association of Boards of Pharmacy (NABP), which spoke about LAU’s accreditation in their Report of Counsel (May 2006) and noted the positive impact these scores have had on state board exams.

Yet another testament to the value of our education is our full membership in the Association of American Colleges of Pharmacy. We are the only institution outside the United States to have this privilege.

The annual Clinical Skills Competition at the School of Pharmacy gives students the opportunity to demonstrate their abilities in clinical care based on U.S. standards. Winners of this competition attend the American Society of Health Systems Pharmacists (ASHP) Conference, an internationally recognized meeting of pharmacists held yearly in the United States. It is a great honor for LAU students to participate in this competition, and a reflection of the school’s strong academic underpinnings.

<table>
<thead>
<tr>
<th>COMPARATIVE SCORES (results August 2007)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAU PASSING RATE: 100%</td>
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<tr>
<td>125.33</td>
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<tr>
<td>U.S. NATIONAL PASSING RATE: 94.47%</td>
</tr>
<tr>
<td>113.33</td>
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</tbody>
</table>
Like its North American counterparts, the school has successfully met the strict criteria for accreditation set by the Accreditation Council for Pharmacy Education (ACPE) of the United States.
FACTS ABOUT OUR GRADUATES:  
About 30 doctoral students and 75 Bachelor of Science students graduate from the School of Pharmacy each year. The vast majority of doctoral graduates work in the United States, and about 10 to 15 percent of these graduates seek residencies in the U.S. in order to qualify for positions in academia. The majority of those who earn a Bachelor of Science in Pharmacy remain in Lebanon, where they are employed in hospitals or community pharmacies as drug company representatives or pharmacy owners.
The School of Pharmacy’s close-knit community takes great pride in its American-style education and cutting-edge instruction, drawing upon the latest technology and research. Complementing their intensive research efforts, faculty members provide in-depth instruction, emphasizing analysis and problem-solving. Financial support from alumni and other friends allows faculty members to continue teaching while conducting their critical research.

**PROMOTING STUDENT AND FACULTY COLLABORATION**

**Dr. Lydia Sholy, Pharm.D., Assistant Dean and Assistant Clinical Professor**

“To succeed in pharmacy is to love and appreciate the profession.”

The innovative programs and practices at the School of Pharmacy are greatly enhanced by the commitment of Assistant Dean Dr. Lydia Sholy, who plays a vital and dynamic role by providing academic support to students and faculty.

A graduate of Creighton University (U.S.) in 1991, her vision of the pharmacy student as active collaborator in LAU’s new Chagoury School of Medicine includes offering courses in health care education that require medical and pharmacy students to work together, combining their skills to improve health care throughout Lebanon.

**CUTTING EDGE DNA RESEARCH**

**Dr. Yolande Saab, Pharm D., Ph.D., Chair, Pharmaceutical Sciences**

“Using cutting-edge science makes pharmacy care more effective.”

Critical research in the field of pharmacogenomics is taking place at LAU, as Dr. Yolande Saab investigates the effect of genes in various populations.

In addition to being chair of the Department of Pharmaceutical Sciences, Dr. Saab holds a Doctor of Pharmacy degree from LAU and a Ph.D. in Pharmacology/Pharmacogenetics from Brighton University (U.K.). She served as a visiting professor at the University of Florida’s Center for Pharmacogenomics, where she conducted DNA research.
The school offers cutting-edge instruction, drawing upon the latest technology and research.

**IMPROVING OUTCOMES FOR PATIENTS**

**Dr. Marwan Taha, Pharm D., BCPS (AQ Cardiology), Assistant Clinical Professor and Chair, Department of Pharmacy Practice**

“**What’s exciting now is that we’re at the point where we can take the school to the next level, by incorporating a residency program and by increasing research opportunities.**”

**Dr. Marwan Taha** is Clinical Assistant Professor, Chair of the Department of Pharmacy Practice and preceptor to students in the hospital setting. He teaches courses in therapeutics and clinical pharmacokinetics. Working with the Chronic Care Center of Lebanon, he conducts clinical trials on patients with blood diseases, including sickle cell anemia and thalassemia. His goal is to improve health based on pharmaceutical intake.

Upon graduating from LAU in 1999, Dr. Taha specialized in cardiology and has published many papers on the role of pharmacists in the outcomes of patients with heart disease. His research takes him to Huntsville Hospital in Alabama, where he conducts clinical trials on heart patients.

**IMPROVING PATIENT CARE THROUGH INNOVATIVE RESEARCH**

**Dr. Joanna El Kassis, Pharm.D., Professor and Director of Experiential Education**

“The availability of resources and the teaching environment at LAU is instrumental in achieving our ambitious goals of providing students with real-world experience that will carry them through the rest of their careers.”

An Assistant Clinical Professor at LAU since 2007, **Joanna El Kassis** received her Pharm.D. in 2003 from Massachusetts College of Pharmacy and Health Sciences, and worked in clinical and retail pharmacy before coming to LAU. She notes that the role of the pharmacist has evolved to be more active, moving away from basic dispensing to a structured program of services in community, hospital pharmacies and a range of other health care organizations.

El Kassis strives to make a difference in the patient-centered pharmacy program at LAU. She played a key role in the establishment of the Committee on Human Subjects in Research (CHSR) at LAU.
The School of Pharmacy at LAU is recognized by its applicants as the most innovative and sought-after school of its type in the Middle East. Again and again, students and graduates have rated the school as excellent, noting the highly qualified faculty and reliable credentials, particularly our ACPE accreditation and our doctoral program.

Students are impressed with the approachable and supportive faculty, saying that the American-style clinical education is balanced by both theoretical and practical knowledge, giving richness to the curriculum in a supportive yet rigorous and competitive way. With continued scholarship support, the pharmacy students of today will become the qualified and confident pharmacists of tomorrow.
Rana Yahchouchy, third-year pharmacy student

“The School of Pharmacy has really helped me in the development of my personality ... and towards my goal of being able to improve my country as a pharmacist.”

Jessica Issa, third-year pharmacy student

“A sincere thank you to all the high-quality faculty and supportive student services. You have made my dream of becoming a pharmacist a reality!”

Krystel Nasr, fourth-year pharmacy student

“The education here is not only about drugs and their uses, but also about giving the student the critical-thinking skills needed to practice clinical pharmacy.”

Marc Batrouni, fourth-year pharmacy student

“The school has a competitive and motivated spirit about it and has trained us to deal with almost every type of patient case scenario.”
Graduates of the School of Pharmacy are employed in key positions in Lebanon and abroad, including major pharmacy chains in the United States. Those who set up community pharmacy practices in Lebanon make a major impact on the way pharmacy is practiced. This new generation of pharmacists uses clinical training to improve the health of those they serve.

Sabine Helou, Pharm.D., 2004, works with fellow LAU alumni to improve pharmacy practice in Lebanon.

“LAU pharmacy grads are unique: They have the necessary clinical training they need to be successful in their careers and to help people in their communities.”

Sabine Helou is a successful community pharmacist who advocates for patient health as the founder and president of the Pharmacy Chapter of Lebanon. She and her colleagues support the School of Pharmacy through fund-raising, lectures, health campaigns and graduate networking. Dr. Helou has been awarded a Letter of Recognition from the Lebanese Order of Pharmacists for her efforts to advance the state of pharmacy in the country.

Siham Itani, Pharm.D., 1999

“The pharmacist today no longer simply fills and sells a prescription; he or she is equipped with a method of gathering and applying information to benefit the patient more accurately than ever before.”

As a community pharmacist, Dr. Siham Itani has a passion for helping patients through information, counseling and intervention. While managing her pharmacy, Dr. Itani also mentors and trains student pharmacists and is a model clinical pharmacist in her community. An instructor at the School of Pharmacy, Dr. Itani teaches courses in her two main areas of interest, Non-Prescription Drugs and Evidence-Based Herbal Medicines. She credits her success to the School of Pharmacy’s emphasis on drug information, drug interactions, prescription cross-checking, patient profiling and counseling. She plans to pursue a Ph.D. in the improvement of education among pharmacists and the community in Lebanon.
Because expanding access to education in Lebanon is so important, the School of Pharmacy at LAU is focused on raising funds for students, faculty and research. LAU has succeeded in providing its students with a quality education. However, we know that more can be done, such as increasing our full-time faculty, which will allow us to provide additional individualized support and increased research. This effort will help create important new opportunities for current and future students.

As part of the university’s continued dedication to a student-centered mission, we offer many of our qualified and deserving students scholarships and financial aid. In 2006-07 alone, LAU gave more than $13 million in financial assistance to some 1,800 students. Our goal is to provide equal access to an LAU education to all students, regardless of their financial circumstances, and to award merit scholarships to academically exceptional students in order to encourage and reward their ambition, drive and perseverance. We depend on our alumni and friends for financial support. With your help, the School of Pharmacy can continue to grow and prosper, leading the way to a stronger, more competitive Lebanon.
Despite the political and economic obstacles it has faced since its founding more than a century ago, LAU has sustained itself as a community and has reaffirmed the importance of tradition while embracing change.

At LAU we are grateful for all our friends and contributors who invest in the future of our university. Your support strengthens our commitment to education, service, the community and our students.

By financially supporting the School of Pharmacy, you will:

- maintain and strengthen our programs;
- enable our facilities to grow and thrive;
- enhance collaboration with the pharmaceutical industry in Lebanon and the Middle East;
- assure a bright future for our pharmacy students;
- promote the integration of graduate and faculty research programs; and
- support the continuation of our community-service initiatives.

Gifts of any amount are welcome, and make a difference in the quality of our education.

In some cases, gifts to the School of Pharmacy can provide recognition for you, someone dear to you, or someone you hold in high esteem. Your gift is your endorsement of our good works. Read on to learn more about our giving and naming opportunities:
The School of Pharmacy offers various opportunities for donors and friends who believe in its mission. The naming opportunities that follow represent a chance for you to link your name, or the name of a loved one, to our programs and physical structures. Naming opportunities fall into two major categories: the naming of academic chairs and programs, and the naming of teaching facilities.

**I. ACADEMIC CHAIRS AND PROGRAMS**

**Pharmacy School Dean’s Endowed Fund ($3 million)**

The School of Pharmacy will establish a Dean’s Endowed Fund for the purpose of initiating annual international conferences to be held at LAU, establishing a residency program at the School, initiating a non-traditional Pharm.D. program to serve those individuals with B.S. degrees in pharmacy, establishing a center for continuing education, and promoting research between the School of Pharmacy and School of Medicine.

**Academic Chairs**

With plans to launch a graduate program and an increase in research activity, it is important that the School of Pharmacy recruits senior professors to establish academic chairs in the following areas of pharmaceutical sciences:

**Academic Chair in Pharmaceutics ($2 million)**

This endowment will establish a Chair in Pharmaceutics and would involve the study of the development of drug delivery systems.

**Academic Chair in Pharmacology/Pharmacogenomics ($2 million)**

A Chair in Pharmacology will introduce the study of the action of medication on a biological system.

**Academic Chair in Medicinal Chemistry ($2 million)**

A Chair in Medicinal Chemistry will introduce the synthesis of medication and the study of chemical structure-biological activity relationship.
## II. TEACHING AND BUILDING/LABORATORY FACILITIES

### The School of Pharmacy ($10 million)

The School of Pharmacy does not have a building of its own. From 1993 to October 2007, the school occupied the first floor of Bassil Hall on the Byblos campus. As of October 2007, the school has been relocated temporarily to one of the dorm buildings. Within two years, plans call for yet another relocation. Classes and labs will be held in the renovated and refurnished Science Building while faculty offices will be in the Tohme-Rizk Building.

A naming opportunity will establish a new independent and separate building designed specifically to house the School of Pharmacy.

LAU would be honored to link the school’s name with a leading philanthropist or pharmaceutical firm in Lebanon or the region.

### Research Laboratories (Science Building #502 and #503)

<table>
<thead>
<tr>
<th>Area: 80 m²</th>
<th>Gift: $160,000</th>
</tr>
</thead>
</table>

The research laboratories consist of two rooms equipped with state-of-the-art-instruments. The labs are used by Pharm.D. students to fulfill the requirements for research projects, and by faculty to pursue independent research.

### Compounding Laboratory (Science Building # 507)

<table>
<thead>
<tr>
<th>Area: 65 m²</th>
<th>Gift: $130,000</th>
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</thead>
</table>

This laboratory is used to train students in their first professional year in compounding various types of dosage forms.

### Bioequivalence Center

<table>
<thead>
<tr>
<th>Potential Area: 500 m²</th>
<th>Gift: $1 million</th>
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Bioequivalence tests are essential requirements in the approval process for a new drug. There are no major laboratories in Lebanon that conduct such testing. The establishment of a Bioequivalence Center in the School of Pharmacy will help train our students in this important area and allow them to do necessary research.
Supporting Pharmacy Education