PREFACE

The AUB Board of Trustees (BOT) voted in June 2018 to grant the Rafic Hariri School of Nursing (HSON) independent faculty status and to appoint Dr. Huda Abu-Saad Huijer founding dean effective September 1, 2018. Efforts to achieve independent faculty status started in 2010, when a full proposal and a five-year business plan were submitted to the AUB administration. This was followed by an external review in November 2016 to assess the school’s readiness for independent faculty status. HSON revised bylaws were approved by the Senate and then the BOT in November 2018. This was an historic development and a milestone achievement for HSON.

The PhD program in nursing science was launched in fall 2018. Eighteen applications were received and three students were selected and have enrolled. The PhD program is offered in close collaboration with HSON international partners, Johns Hopkins University (JHU) and University of Michigan (UM) Schools of Nursing. The Ministry of Higher Education approved the PhD program in nursing science on August 14, 2018.

We are proud that we have the largest number of faculty with PhD degrees in Lebanon. HSON also has the highest number of funded research projects and the highest publication rate in Lebanon. HSON faculty have published in top-tier refereed journals and are among the most productive and impactful nurse researchers in the Arab world. A number of HSON faculty have either a joint appointment or clinical associate positions with the Faculty of Medicine/AUB Medical Center. They have excelled clinically by establishing collaborative clinics in their areas of specialty thus setting the stage for many more such collaborations in the future.

We are also excited to be launching a number of online hybrid programs at the graduate level and to have pioneered new modalities in program development.

HSON continues to place emphasis on research and scholarly productivity, teaching excellence, faculty and student recruitment, and on expanding HSON academic programs based on new and innovative strategic initiatives. We continue to be proud of our achievements, which are detailed in this annual report.

Huda Abu-Saad Huijer RN, PhD, FEANS, FAAN
Professor and Founding Dean
Rafic Hariri School of Nursing
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1. THE SCHOOL OF NURSING
A. FACULTY

Founding Dean of the Hariri School of Nursing
Abu-Saad Huijer Huda, RN, PhD, FEANS, FAAN, Professor

Faculty Members
Abi Fakhr Kantar Lina, RN, EdD, Clinical Assistant Professor, CE/Offshore Program Coordinator
Adra Marina, RN, MS Physiology, PhD, Clinical Assistant Professor; BSN Coordinator
Alayan Nour, RN, MSN, Clinical Assistant Professor
Arevian Mary, RN, MPH, Clinical Associate Professor
Avedissian Tamar, RN, MSN, Clinical Instructor
Clinton Michael, RN (CARN), RGN RPN (AHPRA), PhD, MSc, BA (Hons.), Professor, joint appointment with FM Institutional Review Board (IRB) as Vice-Chair of the Social and Behavioral Sciences Institutional Review Board
Dakessian Sailian Silva, RN, MPH, Clinical Instructor
Dhaiminos Danielle, RN, MSN, Clinical Instructor
Dhainie Suzanne, RN, Master in Child Studies, PhD, Assistant Professor
Darwish Hala, RN, PhD, Associate Professor, joint appointment with FM/AUBMC as Managing Director, Abu-Haidar Neuroscience Institute
Damirsh Nuhad, RN, MA, PhD, Associate Professor; Undergraduate Division Convenor
Fares Souha, PhD, Assistant Professor
Farhood Laila, RN, PhD, CS, Professor and Clinical Associate, Psychiatry Department, FM; Associate Dean, since September 2018
Gulgulian Talin, RN, MSN, Clinical Instructor
Honein Gladys, RN, PhD, Assistant Professor
Khoury May, RN, BSN, MSN, Clinical Assistant Professor
Madi Dina, RN, TD, MA Education, PhD, Clinical Assistant Professor; BA/BS-BSN Coordinator
Massouh Angela, PhD, MSN, CNS; Assistant Professor, joint appointment with AUBMC as Cardiology Clinical Nurse Specialist
Najjar Assaf Ghada, MHS, PhD, Clinical Assistant Professor

Noureddine Samar, RN, PhD, FAHA, FAAN, Professor; Graduate Division Convenor
Tashjian Hera, RN, MSN, Clinical Instructor
Younan Lina, RN, MSN, DNP, Clinical Assistant Professor
Puzanian Houry, PhD, FAHA, Assistant Professor, since September 2018

Part-time
Fakih Ibrahim, BS, MPH, Nursing Informatics Post Graduate, Instructor
Masalkhi Hanadi, RN, MSN, Clinical Instructor
Saadeh Myrna, BS, MSN, Clinical Instructor

Adjunct Faculty
Abbott Patricia, PHD, RN, FAAN, FACMI, Associate Professor, Director of Hillman Scholars in Nursing Innovation, Department of Systems, Populations and Leadership, University of Michigan School of Nursing, USA
Barton Debra L., PHD, FAAN, RN, Professor, Associate Dean for Research and Rackham Graduate School, Department of Systems, Populations and Leadership, University of Michigan School of Nursing, USA
Brush Barbara L., PHD, ANP-BC, FAAN, Professor, Carol J. and F. Edward Lake Term Clinical Professor, Department of Systems, Populations and Leadership, University of Michigan School of Nursing, USA
Campbell Jacqueline, PHD, RN, FAAN, Professor, Anna D. Wolf Chair, National Program Director, Robert Wood Johnson Foundation Nurse Faculty Scholars, Johns Hopkins University School of Nursing, USA
Davidson Patricia M., PHD, MED, RN, FAAN, Professor and Dean, Johns Hopkins University School of Nursing, USA
Demnison Himmelfarb Cheryl R., PHD, RN, ANP, FAAN, FAHA, FPNCNA, Professor, Associate Dean of Research, Office of Science and Innovation, Sarah E. Allison Professor for Research and Self-Care, Johns Hopkins University School of Nursing, USA
Dinov Ivo D., PHD, Professor, Computational Medicine and Bioinformatics, Medical School, Associate Director for Education and Training, Michigan Institute for Data Science, Department of Health Behavior and Biological Sciences; Vice Chair, Department of Health Behavior and Biological Sciences, University of Michigan School of Nursing, USA
Farley Jason E., PHD, MPH, ANP-BC, AACRN, FAAN, Associate Professor, Director, PHD Program/REACH Initiative, Co-Director Clinical Core, Hopkins Center for AIDS
Research, President, Association of Nurses in AIDS Care (ANAC), Johns Hopkins University, USA
Friese Christopher R., PHD, RN, AOCN®, FAAN, Professor, Elizabeth Tone Hosmer Professor of Nursing, Professor, Health Management and Policy School of Public Health, Director, Center for Improving Patient and Population Health (CIPPH), Department of Systems, Populations and Leadership, University of Michigan School of Nursing, USA
Glass Nancy E., PHD, MPH, RN, FAAN, Professor, Associate Director for Research, Associate Director, Johns Hopkins Center for Global Health, Independence Chair in Nursing Education, Johns Hopkins University School of Nursing, USA
Holden Janean E., PhD, RN, FAAN, Professor, Barbara A. Therrien Collegiate Professor of Nursing, Department of Health Behavior and Biological Sciences, Associate Dean for Research and Rackham Graduate School, University of Michigan School of Nursing, USA
Ketefian Shaked, EdD, RN, FAAN, Professor Emeritus, University of Michigan, USA
Lambton Judith, EdD, MSN, RN, Professor Emerita, University of San Francisco, California, USA
Lavoie Smith Ellen, PhD, APRN, AOCN®, FAAN, Associate Professor, Director of PhD Program, Department of Health Behavior and Biological Sciences, University of Michigan School of Nursing, USA
Lori Jody R. PHD, CNM, FACNM, FAAN, Professor, Associate Dean for Community Programs and Initiatives, Elsie M. Lawler Chair, Johns Hopkins University School of Nursing, USA
Sharps Phyllis, PHD, RN, FAAN, Professor, Associate Dean for Community Health Services, University of Michigan School of Nursing, USA
Shaya Fadia, PHD, MPH, Professor of Pharmaceutical Health Services Research and Vice-Chair for Academic Affairs, University of Maryland School of Pharmacy, USA
Szanton Sarah L., PHD, ANP, FAAN, Professor, Endowed Chair for Health and Social Justice, Director, Center for Innovative Care in Aging, Johns Hopkins University School of Nursing, USA
Tanner Elizabeth K., PHD, RN, FAAN, Professor, Johns Hopkins University School of Nursing and Division of Geriatric Medicine & Gerontology, USA

Academic Associates
El-Asmar Rebecca, RN, MSN, AOCNS, Clinical Nurse Specialist, AUBMC, Lebanon
Hanna Janane, RN, MSN, AOCNS, Clinical Nurse Specialist, AUBMC, Lebanon
Maalouf Wafa, MS, Nursing Director, St. George Hospital, Lebanon
Mona Nasrallah, MD, Associate Professor of Clinical Specialty, AUBMC, Lebanon
Snow Kaiser Karen, PhD, RN, Clinical Practice Coordinator, University of Maryland Medical Center, USA
Zein El-Dine Salah, MD, Associate Professor of Clinical Medicine, AUBMC, Lebanon

Joint Appointments
Clinton Michael with FM Institutional Review Board (IRB) as Vice-Chair of the IRB Office for Social and Behavioral Sciences
Darwish Hala with FM/AUBMC as Managing Director of the Abu-Haidar Neuroscience Institute
Masalkhi Hanadi with Nursing Services/AUBMC as Clinical Instructor at the Rafic Hariri School of Nursing
Massouh Angela with AUBMC as Cardiology Clinical Nurse Specialist

Research Associates and Assistants
Abdel Ahad Mary, BS, MS
Ahanorian Zepur, BS, MSN Student
Al-Fharfan Rawan, BS, MPH
Bayram Mariam, BA
Bejjani Rachele, BS, MSN
Elizabeth Dyer, MSN, RN
El Chaar Dayana, BS, MS
Fakhreddine Linda, BSN, MSN Student
Farran Natalie, BS, BA
Hamadi Caroline, PhD Student
Hoteit Reem, BS, MSc
Saad Hanadi, MSN Student
Safieddine Batoul, BA, MA
Clinical Preceptors
Abbas Mohammad, RN, MSN
Abdel Karim Carole, RN
Abi Kharma Joyce, RN, MSN
Al Andary Randa, RN
Azzam Mohammad, RN, MSN
Bechnak Sara, RN
Bejjani Rachele, RN, MSN
Charafeddine Hassan, RN, MSN
Chehadeh Mireille, RN, MSN Student
Daaboul Asiya, RN
Dagher Hala, RN
Dagher Nicole, RN
Hakim Grace, RN, MSN
Hammoud Aya, RN, MPH
Hashem Lynda, RN, MSN
Issa Mohammad, RN, MSN
Kaskass Ahmad, RN
Kazarian Houry, RN
Krayani Ali, RN, MSN
Malkdjian Sarine, RN, MSN Student
Moskofian Hratch, RN, MSN Student
Moussa Louay, RN, MPH Student
Rbeiz Karen, RN
Shalhoub Ali, RN
Tsolakian Vana, RN
Younes Kamar, RN, MSN Student

Graduate Assistants and Graduate Research Assistants
Artinian Ani
Atwi Sally
Fakhreddine Linda
Iskandarani Dounia
Mawed Hiba
Rizkallah Cynthia

B. STAFF
Abdallah Mira, BS, Administrative & Student Services Assistant
Assaf Chedid Patricia, BA, MBA, Executive Officer/Financial Officer
Berbary Najem Lynn, BBA, MBA, Student Services and Recruitment Officer
Daher Rabih, Junior Clerk
Farha Randa, BSN, MSN, MPH, Certified Healthcare Simulation Educator,
Simulation Instruction & Management Certificate, Simulation and Clinical
Competency Center Coordinator
Ghalayini Nisrine, BA, Graduate Division Administrative Assistant
Itani Maher, MEN, CCE, IT Manager
Karout Tofic, BEN, Senior IT Field Support Engineer
Zeinati Jeanette, Secretary

C. RECRUITMENT
HSON continues to advertise for regular faculty positions and for the Hariri Endowed
Chair in Research. These positions are advertised on the AUB and HSON websites, in
the Chronicle of Higher Education, on the recruitment site Inside Higher Ad, and on
social media through LinkedIn. Recruitment information is also mailed to leading
schools of nursing, professional organizations, and to mailing lists in the United
States and Europe.
D. CCNE ACCREDITATION

- The BSN and MSN programs continue to be accredited by the Commission on Collegiate Nursing Education (CCNE) [http://www.aacn.nche.edu/ccne-accreditation] in the USA.
- HSON submitted the Continuous Improvement Progress Report (CIPR) to CCNE as required.
- HSON continues to be a regular member of the American Association of Colleges of Nursing.

E. HONORS, AWARDS, AND RECOGNITIONS

Huda Abu-Saad Huijer
Received the Lebanese National Center for Scientific Research (CNRS) Career Excellence Award for 2018 in recognition of contributions to the field of pain management and palliative care nationally and globally.

Received the AUB Nurses’ Alumni Chapter Award in 2018, in recognition of her HSON, national, and international nursing achievements.

Continues to be a member of the Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP).

Hala Darwish
Fellow of the American Academy of Nurses, November 2018

Silva Dakessian
Distinguished Research Award from the Scientific Society of Arab Nursing Faculties, November 2018

Nuhad Dumit
Received the 2018 Leader in LGBT Health Equality Award granted by The Lebanese Medical Association for Sexual Health.

Received the award for women leaders as Presidents of Orders’/Associations’ granted by the Young Women Christian Association in Beirut, 2018

Laila Farhood
World Psychiatric Association (WPA), elected as a board member for the International Association for Women’s Mental Health regional section, Berlin, Germany, December 2017 till present

F. INTERNATIONAL PARTNERSHIPS

HSON has ongoing Memoranda of Understanding (MOUs) to enhance research collaboration and student and faculty exchanges with the following institutions:

- Johns Hopkins University School of Nursing, Baltimore, Maryland, United States of America
- University of Maryland School of Nursing, Baltimore, Maryland, United States of America
- University of Michigan School of Nursing, Ann Arbor, Michigan, United States of America
- Villanova University College of Nursing, Radnor Township, Pennsylvania, United States of America
- University of Science and Technology, Sydney, Australia
G. SIGMA THETA TAU INTERNATIONAL (STTI) HONOR SOCIETY

The board of the Chi Iota Chapter is as follows:

- President: Dr. Dina Madi
- President-elect: Dr. Lina Kantar
- Vice president: Ms. Ursula Rizk
- Treasurer: Dr. Hiba Deek
- Secretary: Ms. Bahia Abdallah El-Moufti
- Counselor: Dr. Angela Massouh
- Founding President: Dr. Huda Abu-Saad Huijer
- Immediate Past President: Ms. Mary Arevian

Chi Iota Committees

Leadership Succession Committee
- Mrs. Helen Nuwayhid; Chair
- Dr. Nour Alayan; Member
- Mrs. Tamar Avedissian; Member

Governance Committee
- Dr. Samar Noureddine; Chair
- Mrs. Danielle Damianos; Member
- Ms. Roula Awwad; Member

Activities

Induction Ceremony: May 8, 2018. Total 27 inductees; 8 graduates, 3 leaders, and 16 undergraduates. Mrs. Zeina Kassem, founder and president of Roads for Life (RFL): the Talal Kassem Fund for Post-Accident Care, addressed the members. Her speech was very touching. A short video of the ceremony was posted on the Chi Iota Chapter Facebook page.

H. HSON NEWSLETTER

HSON issue Number 7 was circulated in March 2018. The newsletter included:

- A message from the HSON director, Dr. Huda Abu-Saad Huijer
- Message from the President of the Order of Nurses in Lebanon, Dr. Nuhad Dumit
- Launching the PhD program
- HSON research highlights
- HSON undergraduate and graduate student testimonials
- Awards
- Nursing Society Students activities
- New incoming faculty and staff

Skype Business meeting: May, 2018, with Jessica Wendorf, Sigma, Chapter and Regional Operations Manager and Sabrina Collins-Christie, Sigma Membership Manager, to discuss logistical matters related to the chapter.

Annual Business meeting of the Chi Iota Chapter: November 30, 2018, Hisham Jaroudi Auditorium, HSON. The guest speaker Dr. Michel Kalach el Khoury, a psychotherapist, discussed self-care and when to seek professional help from mental health experts.
1. HSON REGIONAL EXTERNAL PROGRAMS

Continuing Education in UAE

The Rafic Hariri School of Nursing (HSON) in collaboration with the Continuing Education Center of the office of Regional External Programs (REP) provided a number of courses to registered nurses and nurse leaders in the United Arab Emirates in 2018. These offerings are part of an agreement that was signed and renewed between AUB REP and “The United Arab Emirates Ministry of Health” to support nursing training and education.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Faculty names</th>
<th>Dates</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Physical Assessment</td>
<td>Dr. Angela Massouh and Mrs. Hera Tashjian</td>
<td>March 11-13, 2018</td>
<td>UAE, Sharjah</td>
</tr>
<tr>
<td>Suctioning and Catheterization Training</td>
<td>Mrs. Talin Gulgulian and Mrs. Tamar Avedissian</td>
<td>April 3-5, 2018</td>
<td>UAE, Sharjah</td>
</tr>
<tr>
<td>Sedation Course</td>
<td>Dr. Ghassan Kanazi and Mrs. Rafika Zaatari</td>
<td>April 30-May 1, 2018</td>
<td>UAE, Sharjah</td>
</tr>
<tr>
<td>EKG Course</td>
<td>Dr. Bernard Abi Saleh and Dr. Angela Massouh</td>
<td>September 10-12, 2018</td>
<td>UAE, Sharjah</td>
</tr>
<tr>
<td>Neonatal Course</td>
<td>Mrs. May Khoury and Mrs. Talin Gulgulian</td>
<td>November 18-20, 2018</td>
<td>UAE, Sharjah</td>
</tr>
</tbody>
</table>

Each course was provided over a period of 2-3 days. Some were repeated to accommodate the higher than expected number of nurses. Different teaching methods were used by HSON faculty such as: case scenarios, role playing, simulation sessions, hands-on activities, and videos. The variety of teaching methods made these continuing education offerings especially fruitful and highly interactive.

Mohammad Al Mana’ College for Health Sciences (MACHS)

In February 2017, an agreement was signed between the Mohammad Al Mana’ College for Health Sciences (MACHS) in Khobar, Kingdom of Saudi Arabia and AUB REP. Based on this agreement, AUB has agreed to contribute to MACHS’s efforts in an advisory, training, and management capacity.

Dr. Huda Abu-Saad Huijer and Dr. Nuhad Dumit are members of the project’s steering committee and coordinate the work among the different departments.

HSON faculty were involved in the following consultations in 2018:

- Reviewed MACHS documents that addressed accreditation readiness, curriculum, and courses and provided appropriate recommendations.
- Dr. Marina Adra and Mrs. Mary Arevian conducted a site visit to review MACHS academic programs and provided feedback accordingly.

HSON will continue to be involved in future MACHS-related projects, as needed, by providing workshops and training on nursing simulation, assisting MACHS in setting up its own simulation lab, reviewing MACHS post-graduate programs, and assisting MACHS in the recruitment for key administrative and teaching positions.
II. FACULTY ACTIVITIES
A. EDUCATIONAL PROGRAMS

BSN:
Course descriptions, credit hours, and learning objectives did not change over the year as student evaluations were positive. We were, however, required to provide two sections of junior-year courses because of the large class size.

Simulation activities were included in most clinical nursing courses, which used a combination of skill improvement and practice through scenarios.

Objective Structured Clinical Examination (OSCE) was used in all clinical nursing courses.

MSN:
A total of 58 students enrolled in the MSN program in October 2018.

Four tracks continue to be offered: Adult Gerontology Clinical Nurse Specialist, Nursing Administration and Management, Psychiatry and Mental Health Clinical Nurse Specialist, and Community and Public Health Nursing.

A number of students did residencies at:

- AUBMC
- Evidence-Based Healthcare Management Unit (EHMU) at AUBMC
- Cleveland Clinic Abu Dhabi, UAE
- Mwaadieh Center, Beirut, Lebanon
- Johns Hopkins University (JHU), Baltimore, Maryland, USA
- Best Start by Health Nexus, Toronto, Canada
- Soins Infirmiers et Development Communitaire, Beirut, Lebanon
- Ministry of Public Health, Beirut, Lebanon
- Ibad Al Rahman, Barbour, Lebanon
- University of Maryland Medical Center (UMMC), Baltimore, Maryland, USA

17 students were inducted in the HSON Chi Iota Chapter in spring 2018.

Town meetings were held to discuss student concerns, residencies, projects, and comprehensive exams.

Information on the specific tracks is detailed below.

**Adult Gerontology Clinical Nurse Specialist track:**
2 students graduated in 2018.
A total of 17 students were enrolled in October 2018.
Students in the Adult Gerontology Clinical Nurse Specialist track completed residencies at Johns Hopkins University and the University of Maryland.

**Nursing Administration and Management track:**
A total of 5 students graduated in 2018.
A total of 17 students were enrolled in October 2018.
Students in the Nursing Administration and Management track completed residencies at EHMU, AUBMC, and Cleveland Clinic Abu Dhabi.

**Psychiatry and Mental Health Clinical Nurse Specialist track:**
One student graduated in 2018.
A total of 9 students were enrolled in October 2018.
Students in the Psychiatry and Mental Health Clinical Nurse Specialist track completed residencies at AUBMC, Mwaadieh Center, and Soins Infirmiers et Development Communitaire.

**Community and Public Health Nursing track:**
Three students graduated in 2018.
A total of 15 students were enrolled in October 2018.
Students in the Community and Public Health Nursing track completed their residencies at Health Nexus, Toronto, John Hopkins University (Baltimore), Ministry of Public Health and Ibad Al Rahman Barbour.

One student is undertaking a double major in Community and Public Health Nursing and Psychiatry and Mental Health Clinical Nursing.
PhD Program:
The PhD proposal was approved by HSON Graduate Division, Graduate Studies Committee, HSON External Advisory Board, Board of Graduate Studies, AUB Senate, Board of Trustees, and the New York State Education Department (NYSED).

The PhD program was officially launched in September 2018. A total of 18 applications were received, 7 were short-listed and interviewed, and 3 were accepted and enrolled.

The doctoral program aims to provide rigorous training for research careers in the nursing and healthcare arenas. It will provide students with the opportunity to develop their capacity for scholarly and independent work, improve critical analytical thinking, refine their ability to communicate knowledge and ideas, and be able to translate research findings into healthcare practice.

B. FACULTY TEACHING

Spring term 2017-18

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course name</th>
<th>Credits</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 200</td>
<td>Introduction to Nursing</td>
<td>2</td>
<td>G. Assaf</td>
</tr>
<tr>
<td>NURS 201</td>
<td>Introduction to Nursing Practice</td>
<td>2</td>
<td>S. Dakessian Sailian, L. Kantar</td>
</tr>
<tr>
<td>NURS 202</td>
<td>Health Assessment</td>
<td>2</td>
<td>T. Gulgulian, D. Madi</td>
</tr>
<tr>
<td>NURS 203</td>
<td>Biostatistics for Nurses</td>
<td>3</td>
<td>S. Fares</td>
</tr>
<tr>
<td>NURS 302</td>
<td>Nursing Care of Adults II</td>
<td>5</td>
<td>M. Adra, N. Alayan, S. Dakessian Sailian, A. Massouli, H. Tashjian</td>
</tr>
<tr>
<td>NURS 306</td>
<td>Nursing Care of Children</td>
<td>5</td>
<td>T. Avedissian, D. Damianos, S. Dhaim, T. Gulgulian, M. Khoury, D. Madi</td>
</tr>
<tr>
<td>NURS 402/312</td>
<td>Mental Health and Psychiatric Nursing</td>
<td>5</td>
<td>G. Assaf, H. Masalkhi, M. Saadeh</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course name</th>
<th>Credits</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 408</td>
<td>Community Health Nursing</td>
<td>5</td>
<td>M. Arevian, T. Avedissian, G. Honein</td>
</tr>
<tr>
<td>NURS 410/313</td>
<td>Leadership &amp; Management Theory</td>
<td>5</td>
<td>S. Dakessian, D. Damianos, H. Tashjian, L. Younan</td>
</tr>
<tr>
<td>NURS 411</td>
<td>Leadership &amp; Management Practicum</td>
<td>0</td>
<td>H. Tashjian, L. Younan,</td>
</tr>
<tr>
<td>IPEC 300</td>
<td>Inter-professional Education</td>
<td></td>
<td>M. Adra, N. Dumit, G. Honein, S. Noureddine</td>
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<tr>
<td>NURS 502</td>
<td>Advanced Nursing Research</td>
<td>3</td>
<td>H. Darwish, S. Fares</td>
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<tr>
<td>NURS 503</td>
<td>Advanced Health Assessment</td>
<td>3</td>
<td>A. Massouli, S. Noureddine</td>
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<tr>
<td>NURS 503A</td>
<td>Advanced Health Assessment</td>
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<td>A. Massouli, S. Noureddine</td>
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<tr>
<td>NURS 505B</td>
<td>Advanced Practice in Adult Gerontology</td>
<td>4</td>
<td>H. Darwish, S. Noureddine</td>
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<tr>
<td>NURS 506</td>
<td>Residency-Advanced Practice in Adult Gerontology</td>
<td>4</td>
<td>S. Noureddine</td>
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<tr>
<td>NURS 508</td>
<td>Residency-Advanced Practice in Nursing Administration</td>
<td>4</td>
<td>M. Clinton, N. Dumit, H. Huijer, L. Younan</td>
</tr>
<tr>
<td>NURS 509</td>
<td>Role Development in Nursing Education</td>
<td>3</td>
<td>L. Kantar</td>
</tr>
<tr>
<td>NURS 518</td>
<td>Group and Family psychotherapy</td>
<td>3</td>
<td>L. Farhood</td>
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<tr>
<td>NURS 519</td>
<td>Clinical Residency in Acute Psychiatric Care</td>
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<td>L. Farhood</td>
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<tr>
<td>NURS 520</td>
<td>Managing Quality with Teams</td>
<td>3</td>
<td>N. Dumit</td>
</tr>
<tr>
<td>NURS 522</td>
<td>Principles and Practice of Community/ Public Health Nursing</td>
<td>3</td>
<td>M. Arevian, G. Honein</td>
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<tr>
<td>NURS 524</td>
<td>Residency in Community Health Nursing</td>
<td>4</td>
<td>M. Arevian, G. Honein</td>
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<tr>
<td>NURS 525</td>
<td>Transformational Leadership for Nursing Practice</td>
<td>3</td>
<td>M. Clinton</td>
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<tr>
<td>NURS 526</td>
<td>Comprehensive exam</td>
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<td>L. Farhood</td>
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<tr>
<td>NURS 200</td>
<td>Introduction to Nursing</td>
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<td>NURS 501</td>
<td>Advanced Nursing Practice: Scope and Roles</td>
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**Summer 2018**

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**Fall term 2018-19**

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<td>Philosophical And Theoretical Perspectives In Nursing Science</td>
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<td>NURS 602</td>
<td>Quantitative Research Designs</td>
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<td>S. Noureddine</td>
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**C. SIMULATION TECHNOLOGY AT HSON**

**Academic Year 2017-18**

During 2018, the Simulation and Clinical Competency Center (SCCC) was used for activities/services for both AUB and non-AUB users in line with its mission statement. Users included HSON students enrolled in undergraduate and graduate programs (HSON users), nutrition and dietetics students, medical students, residents, and faculty members and nurses from AUB and elsewhere (non-HSON users).

The figures below summarize activities conducted at the SCCC by term

For the year 2018, there were 410 simulation training activities/experiences at SCCC involving 10,533 participants, including HSON and non-HSON users. This shows a 1.9% decrease in activity and a 12.8% increase in the number of participants since 2017. The fall term had the highest number of activities (47.6%) and the highest number of users (55.5%). (See Figures 1 and 2 below.)

Educational Activity: each time the lab is utilized regardless of the objectives or content of the learning/teaching that is taking place.
During the spring and fall terms, HSON activities outnumbered non-HSON activities. During the summer, there were more non-HSON activities in the lab, as FM finishes its term much later than HSON. (See Figure 3).

There were 33.6% more users in the fall term than in the spring term. There were more non-HSON users than HSON users in all terms. (There were 53% more non-HSON users in the spring and 34.8% more in the fall.) Medicine have larger classes—around 110 students are enrolled yearly. (See Figure 4).

The use of the facility by HSON faculty and students peaks in the junior year. In the MSN program, the SCCC is used in N503 Advanced Health Assessment course and in N509 Role Development in Nursing Education course. There were a total of 6 activities in these graduate courses this past year, as shown in Figure 5 below.
# D. STUDENT PROJECTS, THESES, RESIDENCIES

## MSN STUDENT PROJECTS AND THESES

<table>
<thead>
<tr>
<th>Name</th>
<th>Track</th>
<th>Defense Date</th>
<th>Project/Thesis</th>
<th>Project title</th>
<th>Project/Thesis Committee</th>
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<tr>
<td>Grace Hakim</td>
<td>Adult Care</td>
<td>February 5, 2018</td>
<td>Thesis</td>
<td>Sex Difference in Outcomes of Adult Patients with Traumatic Brain Injury</td>
<td>Dr. Darwish, Noureddine, El Sayed, Tamim</td>
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<tr>
<td>Joelle Bassila</td>
<td>Administration</td>
<td>March 5, 2018</td>
<td>Project</td>
<td>Developing a Bereavement Program for Palliative Care Patients at AUBMC</td>
<td>Dr. Dumit, Osman</td>
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<tr>
<td>May Dassouki</td>
<td>Nursing Administration</td>
<td>April 11, 2018</td>
<td>Project</td>
<td>Role Expectations of Master's Student Prepared Nurses</td>
<td>Dr. Younan, Clinton</td>
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<tr>
<td>Lina Al Wattar</td>
<td>Nursing Administration</td>
<td>April 24, 2018</td>
<td>Project</td>
<td>Improving Patient Satisfaction by Providing Empathy Training Sessions for Healthcare Professionals</td>
<td>Dr. Clinton, Younan</td>
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<tr>
<td>Lana Iskandarani</td>
<td>Nursing Administration</td>
<td>April 24, 2018</td>
<td>Project</td>
<td>Nurse-led Patient Access Line for Oncology Patients</td>
<td>Dr. Dumit, Clinton</td>
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<tr>
<td>Linda Mardinian</td>
<td>Nursing Administration</td>
<td>April 27, 2018</td>
<td>Project</td>
<td>Fear of Becoming a Robotic Registered Nurse</td>
<td>Dr. Clinton, Younan</td>
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## MSN STUDENT RESIDENCIES

<table>
<thead>
<tr>
<th>Name</th>
<th>Track</th>
<th>Term</th>
<th>Residency Supervisor</th>
<th>Residency Site</th>
<th>Preceptor Site</th>
<th>Preceptor Title</th>
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<tbody>
<tr>
<td>Sarah Abu Rihan</td>
<td>Psychiatric Mental Health Nursing Clinical Nurse Specialist</td>
<td>Summer 2017-18</td>
<td>Laila Farhood</td>
<td>AUBMC Psychiatry in-patient</td>
<td>Mwaadieh Center</td>
<td>Teaching education N402 students at HSON</td>
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<td></td>
<td>Professor, Psychiatry Mental Health</td>
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<tr>
<td>Name</td>
<td>Track</td>
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<td>Residency Site</td>
<td>Preceptor</td>
<td>Preceptor title</td>
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<tr>
<td>Zepur Aharounian</td>
<td>Nursing Administration and Management</td>
<td>Fall 2016-17</td>
<td>Lina Younan</td>
<td>Evidence-Based Healthcare Management Unit (EHMU), AUBMC</td>
<td>Hussein Souiedan</td>
<td>EHMU Coordinator</td>
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<tr>
<td>Mariam Assaf</td>
<td>Community and Public Health Nursing</td>
<td>Fall 2017-18</td>
<td>Gladys Honein</td>
<td>4 weeks at Ministry of Public Health</td>
<td>Imad Haddad</td>
<td>Non-communicable Diseases (NCD) Co-ordinator</td>
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<tr>
<td>Mireille Chehade</td>
<td>Adult Gerontology Clinical Nurse Specialist</td>
<td>Summer 2017-18</td>
<td>Samar Nouredine</td>
<td>Johns Hopkins University Hospital, Baltimore, Maryland</td>
<td>Tania Randell</td>
<td>Clinical Nurse Specialist</td>
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<tr>
<td>Nay Ezzeddine</td>
<td>Community and Public Health Nursing</td>
<td>Spring 2017-18</td>
<td>Mary Arevian Bakalian</td>
<td>AUBMC</td>
<td>Angela Massouh</td>
<td>Assistant Professor</td>
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<tr>
<td>Linda Fakhredine</td>
<td>Psychiatric Mental Health Nursing Clinical Nurse Specialist</td>
<td>Summer 2017-18</td>
<td>Laila Farhood</td>
<td>Psychiatry Department, AUBMC, both in- and out-patient units</td>
<td>Laila Farhood</td>
<td>Professor, Psychiatry Mental Health</td>
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<tr>
<td>Miray Harakeh</td>
<td>Community and Public Health Nursing</td>
<td>Summer 2017-18</td>
<td>Mary Arevian Bakalian</td>
<td>Ministry of Public Health</td>
<td>Imad Haddad</td>
<td>Accreditation and NCD Coordinator</td>
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<tr>
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<tr>
<td>Elsa Jarawan</td>
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<td>Laila Farhood</td>
<td>Mwaadieh Center</td>
<td>Maya Bizri</td>
<td>Psychiatry Department, AUBMC</td>
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<tr>
<td>Melissa Makhoul</td>
<td>Adult Gerontology Clinical Nurse Specialist</td>
<td>Fall 2018-19</td>
<td>Samar Nouredine</td>
<td>Acute Pain Management Services, Shock Trauma Center (STC), University of Maryland Medical Center (UMMC), Baltimore, Maryland</td>
<td>Patricia B. Casper</td>
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<td>Bisan Mousa</td>
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<td>Laila Farhood</td>
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<td>Nadia Omeish</td>
<td>Nursing Administration and Management</td>
<td>Summer 2017-18</td>
<td>Lina Younan</td>
<td>Cleveland Clinic Abu Dhabi</td>
<td>Antoinette Zakhour</td>
<td>Program Manager-Academic Partnership &amp; Specialty Certification</td>
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<td>Lubna Rajab</td>
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<td>Summer 2017-18</td>
<td>Laila Farhood</td>
<td>Soins infirmiers et development communitaire</td>
<td>Chirine Tohme</td>
<td>Clinical Psychologist, SIDC</td>
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<td>Cynthia Rizkallah</td>
<td>Community and Public Health Nursing</td>
<td>Spring 2017-18</td>
<td>Gladys Honein</td>
<td>2 weeks at Hopkins Obstetrics/Gynecology Department, Baltimore</td>
<td>Shirl Kowalewski</td>
<td>Assistant Director</td>
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<td>Barbara Lamartina</td>
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<td>4 weeks at Best Start by Health Nexus, Toronto</td>
<td>Louise Choquette</td>
<td>Bilingual Health Promotion Consultant</td>
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<td>Ahmad Termos</td>
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<td>Fall 2018-19</td>
<td>Samar Noureddine</td>
<td>Johns Hopkins University Hospital, Baltimore, Maryland</td>
<td>Rose Ostendarp</td>
<td>Clinical Educator, Emergency Department</td>
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III. STUDENT-RELATED ACTIVITIES
A. STUDENT ENROLLMENT/SCHOLARSHIPS

• The total number of applicants to the BSN program for 2018-19 was 417 including applicants sponsored by USAID and the MasterCard Foundation. The total number of accepted students was 168 and the total number who confirmed their enrollment was 66. This includes 2 students accepted as early admission, 3 transfer students from outside AUB, 3 transfer students from within AUB, 6 students sponsored by USAID, and 4 students working for a second degree.

• The total number of applicants to the MSN program for 2018-19 was 30; the total number of accepted students was 23 and the total number who confirmed their enrollment was 17.

• The first cohort of PhD students started in fall 2018-19. The total number of applicants was 20, 4 were accepted, and 3 enrolled.

• A total of 59 interviews were conducted with new and currently registered BSN students; 50 were recommended for scholarships, and 32 were enrolled. The 60% (Financial Aid and HSON scholarship) is still attracting students who select a nursing major as their 3rd, 4th, or 5th choice when they apply to AUB.

• The table below shows student enrollment for the last five years:

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<td>72%</td>
<td>68%</td>
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<tr>
<td>Male</td>
<td>23%</td>
<td>28%</td>
<td>32%</td>
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<td>Lebanese</td>
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<tr>
<td>New Enrolled</td>
<td>349</td>
<td>341</td>
<td>356</td>
<td>490</td>
<td>417</td>
</tr>
<tr>
<td>Yield</td>
<td>70</td>
<td>55</td>
<td>65</td>
<td>61</td>
<td>66</td>
</tr>
<tr>
<td>BSN Graduates</td>
<td>17</td>
<td>16</td>
<td>18</td>
<td>10</td>
<td></td>
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<tbody>
<tr>
<td>Total Interviewed</td>
<td>59</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Recommended</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total new scholarships offered to new and current students</td>
<td>40</td>
<td></td>
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</tbody>
</table>
B. STUDENT RECRUITMENT AND MARKETING

Student recruitment and marketing of the BSN and MSN programs remain a priority at HSON. The marketing strategy for student recruitment in 2018 included various activities:

- **Graduate Open House:** HSON participated in the Graduate Open House on February 20, 2018 organized by the Graduate Council to promote graduate programs. The event was very successful and around 38 potential applicants attended and visited the HSON stand.

- **School visits:** The HSON team visited 21 high schools to recruit students. School counselors were contacted and a poster was sent to all schools inviting high school students to visit the simulation lab at HSON.

- **Visits to HSON:** A 4-hour orientation and mentoring program has been prepared for all visiting high school students who are interested in learning more about the nursing profession:
  - First session: informational session at HSON by the Student Services Office (SSO) about the nursing profession, work opportunities, admission requirements, and the BSN program at HSON
  - Second session: simulation lab session
  - Third session: class attendance
  - Fourth session: volunteering at the AUBMC Courtesy Office (to get exposed to a healthcare setting)

- **HSON received 6 high school students who were interested to visit HSON.** They attended the 4-hour orientation program and expressed their satisfaction in the program. They became more interested in the nursing profession and in applying to the BSN program

- **AUB Annual School Fair:** HSON participated in the AUB Annual School Fair for undergraduate programs in April 2018 organized by the Office of Admissions.

- **AUBMC Open House:** On May 2, 2018, HSON participated in the AUBMC Open House to recruit nurses from all over Lebanon. The SSO had a booth to promote the MSN program.

- **Orientation of new nurses at AUBMC:** During the orientation for new nurses at AUBMC in February, March, May, August, October, and December 2018, the SSO presented the MSN program requirements. This presentation became part of the orientation program organized by the AUBMC Clinical and Professional Development Center (CPDC).

- **Marketing and promotion of HSON academic programs is also done through:**
  - Social media: In addition to Facebook, LinkedIn and YouTube, a twitter account has been created.
  - **Nursing Centralized Application System (CAS) portal:** to recruit students from North America for the MSN program and for the BA/BS-BSN second degree accelerated program.

C. STUDENT ACTIVITIES

Nursing students were involved in various community projects and activities in their Community Course and in events organized by the Nursing Students Society (NSS) in 2018:

- **New Student Orientation:** During the orientation of newly-enrolled students, some undergraduate and graduate students provided testimonials and success stories about the nursing profession.

- **AUB Mentorship in Nursing:** In 2017, HSON launched the AUB Mentorship in Nursing (AMIN) program that provides new students with mentors to help and guide them as needed. AMIN was founded by Elizabeth Cantrell and is managed by the NSS. AMIN reports to the NSS advisor, Dr. Angela Massouh. Rami Al Chami was selected to be the head mentor for the 2018-19 academic year.

The following mentors were selected for fall 2018-19:

<table>
<thead>
<tr>
<th>Mentors at AMIN</th>
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<tbody>
<tr>
<td>Sibelle Bou Nassif</td>
<td>Lana Nehmani</td>
</tr>
<tr>
<td>Rami Al Chami (Head)</td>
<td>Rana Samad</td>
</tr>
<tr>
<td>Maya Kabakibi</td>
<td>Zeina Sayegh</td>
</tr>
<tr>
<td>Aya Moreno</td>
<td>Zuhat Shehimi</td>
</tr>
</tbody>
</table>
• **School Fair:** BSN and MSN students participated in the AUB School Fair that was open to students from different high schools. HSON had a stand at the Olayan School of Business to inform visitors about the BSN program at AUB.

• **The AACN Graduate Nursing Student Academy (GNSA):** Ninar Skheita was selected to be the new GNSA liaison for HSON graduate students. She informs graduate students about upcoming events, news, conferences, career fairs, etc.

• **The Middle East Student Ambassador Program by Elsevier:** Elsevier has launched the Middle East Student Ambassador Program to connect with the university and support students throughout their careers. One of the nursing students was selected as a student ambassador to help Elsevier engage with other students on campus. The main goal of the ambassador is to help Elsevier to write book reviews whenever they want to promote titles, increase the visibility of Elsevier through social media, and conduct surveys for market research.

• **Medical Research Volunteer Program (MRVP):** Occasionally, undergraduate nursing students volunteer to participate in the Medical Research Volunteer Program (MRVP) organized by AUB.

• **AUB Outdoors** Nursing students participated in the AUB Outdoors activities in May 2018.

• **NSS elections:** Elections for the Nursing Student Society were held in September 2018 and the cabinet was formed as follows:
  » President: Aya Moreno
  » Vice President: Zuhat Ali Shehimi
  » Vice President: Jaafar Hoteit
  » Treasurer: Hiba Fadlallah
  » Treasurer: Anas Intabli
  » Secretary: Yousra Al Zahabi
  » Public Relations; Mohamed Sweidan
  » Member at Large: Maya Kabbabii

• **SRC and USFC elections:** Elections for the SRC and USFC were held in October 2018 and the results were as follows:

<table>
<thead>
<tr>
<th>Department</th>
<th>Election Pool</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing</td>
<td>FM USFC</td>
<td>Tarek Youssef (Nursing)</td>
</tr>
<tr>
<td>Nursing</td>
<td>NURSING IV and GR</td>
<td>Sary M Faraj</td>
</tr>
<tr>
<td>Nursing</td>
<td>NURSING II and III</td>
<td>Mohammad Ziad Z Bakkar</td>
</tr>
</tbody>
</table>

• **AMIN coffee hour:** AMIN mentors organize a coffee hour for new and returning students so that, for example, new students can find out from senior students about the program, activities, etc.

• **General Assembly for NSS**
  On November 6, 2018, NSS held its first General assembly of the year. The cabinet was introduced to the students, and students were informed about NSS, its mission and activities. Students suggested several activities to be placed on the agenda of NSS. In the end, a fun game was held, and pizza & drinks were served.

• **Introducing the nursing major to freshman students**
  On November 26, 2018, NSS took part in the Major’s event for freshman student. The nursing major was introduced to freshman students at AUB.

• **Activities for a good cause**
  On December 3, 2018, NSS’s first movie night was held! The movie Venom was screened, and proceeds where donated to Home of Hope NGO.
  Also, on December 4, 2018, a fundraising activity was done for a good cause on AUB campus. The profits were donated to the Home of Hope NGO, which serves abandoned, abused, and orphaned children in Lebanon.

• **Christmas Tree Decoration**
  Students came together on December 4, 2018 to decorate the Christmas Tree at the School of Nursing.
At the request of the Student Services Office, a new online credentialing request has been developed by the IT Department that enables nursing alumni to request and pay for their credentials online. The service is expected to go live in early 2019.

- **Online Petition Form System**
  A total of 172 petitions were processed in 2018. The majority were related to underload credits and late course withdrawal. Ongoing enhancements were done to improve the Online Petition Form System.

- **Students Evaluation and Scholarship Database**
  This project has been initiated by the Student Services Office to automate the student evaluation and scholarship process. It is a major project that involves other parties at AUB, such as the Offices of Admissions and Financial Aid. It is still pending the automation of other processes in other related departments, such as the financial aid application.

- **Electronic Archiving System**
  HSON is trying to implement an electronic archiving system mainly for all student files. The project is being implemented in coordination with the IT team and other departments at AUB who have similar archiving systems.

### D. OTHER STUDENT SERVICES AND RESOURCES

- **Credentialing Requests of Nursing Graduates**
  With the great demand for certification in different areas of nursing, the number of requests for credentials from graduates has increased. In 2018, HSON received 14 requests by foreign institutions to complete students' credentials; the majority were submitted to the Commission on Graduates of Foreign Nursing Schools (CGFNS) in the USA.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Number</th>
</tr>
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<tbody>
<tr>
<td>CGFNS International, USA</td>
<td>10</td>
</tr>
<tr>
<td>Department of Consumer Affairs (DCA), USA</td>
<td>2</td>
</tr>
<tr>
<td>Ordre des infirmiers et infirmieres du Quebec, Canada</td>
<td>1</td>
</tr>
<tr>
<td>Nursing and Midwifery Council (NMC), UK</td>
<td>1</td>
</tr>
</tbody>
</table>
IV. RESEARCH AND SCHOLARLY ACTIVITIES
A. CURRENT HSON FACULTY RESEARCH

Principal Investigator: Huda Abu-Saad Huijer

Palliative Care in Older Adults in Lebanon
The purpose of this study is to evaluate the quality of palliative care (PC), the quality of life (QoL), symptom management, and functional ability among hospitalized older adults in need of palliative care in Lebanon.

Co-investigators: Marina Adra, Suzan Dhaini, Souha Fares, Hussam Ghusn, Ramzi Hajjar, George Karam, Samar Noureddine

Funding: CNRS
Status: Data collection completed. Data analysis and write-up in progress.

Principal Investigator: Huda Abu-Saad Huijer

Chronic Pain: The Development and Psychometric Validation of an Arabic-Language Version of the Pain Catastrophizing Scale (PCS-A)
Chronic pain is believed to be a disease on its own and has been increasing in prevalence. The 13-item Pain Catastrophizing Scale (PCS) is the most widely used measure of pain-specific catastrophizing and assesses three dimensions: rumination, magnification, and helplessness. The purpose of the project is to develop and psychometrically evaluate PCS in Arabic among a sample of 150 adult chronic pain patients in Lebanon.

Co-investigators: Souha Fares, Douglas French

Funding: Pfizer
Status: Completed. One article published and others in preparation.

Principal Investigator: Lina Abi Fakher Kantar

Preceptors’ Perspectives on their Teaching Practice: Implications for Academia and Service
This study aims at exploring the experiences of preceptors in the clinical teaching of nursing students to assess their educational needs and preparedness for teaching. Qualitative, focus group interviews will be used to gain insights into the experiences of 30 clinical preceptors, situated in three recognized healthcare facilities in Beirut. The emergent themes will guide both academia and service in the development of a curriculum targeting the teaching behaviors and teaching practices of preceptors.

Co-investigator: None
Funding: Center for Teaching and Learning – AUB (2017-19)
Status: Data collection.

Principal Investigator: Lina Abi Fakher Kantar

Preceptor Pedagogy in Nursing Education: A Cognitive Task Analysis Research
This study aimed at assessing the pedagogical principles of the preceptor-driven model in undergraduate nursing programs.

Co-investigators: Sawsan Ezzeddine, Ursula Rizk
Funding: URB
Status: Publication submitted to Nurse Education Today.

Principal Investigator: Lina Abi Fakher Kantar

Preceptors in Clinical Teaching of Nursing Students: Are We on the Right Track?
This study aimed at understanding the preceptors’ conceptions of teaching in learner-centered clinical teaching.

Co-investigators: Sawsan Ezzeddine, Ursula Rizk
Funding: URB
Status: Paper accepted for presentation at the 45th Annual National Conference of the Professional Nurse Educators Group (PNG), Wayne Forte, Indiana, USA.

Principal Investigator: Lina Abi Fakher Kantar

Case-based Learning and the Development of Professional Skills: Perceptions of Nursing Students
This study aimed at exploring perceptions of nursing students who had completed two undergraduate nursing courses using case-based learning, to be able to identify professional skills that may be gained from this instructional approach.

Co-investigator: None
Principal Investigator: Elie Akl
Fellowship and Residency Research Program at AUBMC – Moving Forward
The aim of this qualitative study is to evaluate the fellowship and residency program at AUBMC and explore the barriers they face in order to suggest measures for improvement.
Co-investigators: Gladys Honein, Pamela Abi Khalil
Funding: AUBMC
Status: Manuscript in preparation.

Principal Investigator: Nour Alayan
Nurses’ and Pediatricians’ Attitudes, Perceptions, and Practices of Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Adolescent Substance Use: A Multisite Cross-Study in Primary Care and School Settings
This study aims to explore nurses’ and pediatricians’ attitudes, perceptions, and practices regarding adolescent substance use screening and interventions.
Co-investigators: Tamar Avedissian, Ghada Assaf, Farid Talih
Funding: URB
Status: Ongoing.

Principal Investigator: Marlene Chakhtoura
Research Fellowship Program at AUBMC
The aim of this qualitative study is to explore research fellows’ and mentors’ views about research training at AUBMC and the challenges they face. Taking into consideration the currently available models in the USA, and based on the suggestions and needs identified locally, we will establish a formal training program for research fellows.
Co-investigators: Gladys Honein, Rola Rassi, Elie Akl
Funding: AUBMC
Status: Manuscript in preparation.

Principal Investigator: Marina Adra
Exploring Resident Staff Relationships in Nursing Homes in Lebanon
To explore the prevailing relationships between nursing home residents and staff and to elicit the factors that influence these relationships.
Co-investigators: Zepur Aharonian, Abla Sibai
Funding: MPP
Status: Study completed, paper written, to be submitted to the Journal of Gerontological Nursing.

Principal Investigator: Marina Adra
Promoting a Culture of Community in Nursing Homes in Lebanon through Forging Partnerships
The aim of this study is to contribute to the understanding of how the formation of significant relationships in care homes in Lebanon may support the development of a culture of community.
Co-investigators: Zepur Aharonian, Abla Sibai
Funding: URB
Status: Institutional Research Board (IRB) approval in progress.

Principal Investigator: Elie Akl
Exploring the Factors Impacting the Trust of the Lebanese Public in Physicians: a Qualitative Study
The aim of this qualitative study is to explore the factors that impact the trust of the Lebanese public in physicians.
Co-investigators: Gladys Honein, Bashir Shaya, Ali Khalil, Nadine Al Homsi, Kevin Eid, Zeinab Haidar, Kelly Merheb
Funding: None
Status: Manuscript submitted for publication to BMC Health Services Research.
Principal Investigator: Michael Clinton
From Education to Practice: The Challenges that Nursing Students and Novice Nurses Face in Lebanon
This qualitative study involves three university sites and three hospitals in Lebanon. The study is designed to investigate from the point of view of students and registered nurses (RNs) in the first year of practice the challenges they face as they engage in clinical nursing practice. The study focuses on challenges that are unique to Lebanon. Separate focus groups will be formed at the three universities. The three focus groups will explore the challenges students face as they transition to the clinical experience in BSN IV. Separate focus groups will be established at three hospitals in Beirut. The hospitals will be those that generally recruit the most graduates from the respective universities. The three focus groups will focus on the challenges RNs face in their first year of practice in Lebanon. Thematic analysis and the constant comparative method will be used to analyze the data. The study findings may suggest strategies for reducing attrition in BSN programs in Lebanon and may assist hospital administrations to reduce attrition of RNs in their first year of practice.
Co-investigators: Myrna Doumit, Sawsan Ezzeddine, Ursula Rizk
Funding: None
Status: Manuscripts published.

Principal Investigator: Michael Clinton
Comparison of Organizational Research Climates in Universities in Lebanon, Canada, and Australia: An Initial Study
The strategic purpose of this initial study is to establish an international program of research focused on the regulation of human subject research. In this initial study the organizational research climates of selected universities in Lebanon, Canada, and Australia will be described and compared. Subject to ethical and institutional approval the study will be conducted at the American University of Beirut, the Lebanese American University, the University of Saskatchewan, and the University of Newcastle, New South Wales. This survey is the first of its kind to assess from the perspective of investigators and graduate students the organizational research climate in three countries. The results will provide a basis for expanding the survey to other universities in Lebanon and the wider region, Canada, and Australia.
Co-investigator: Dr. Rusla Anne Springer, University of Saskatchewan, Canada
Funding: None
Status: Analysis for the Lebanon and Canada arms of the study complete. Institutional issues to be explored prior to publication of study findings.

Principal Investigator: Laila Farhood
Promoting Psychosocial and Mental Healthcare through Community-based Educational Workshops for Teachers and Parents: A Follow-up to Mental Health Assessments in Civilians Exposed to Traumatic Events of War in the South of Lebanon
This intervention study employs a quantitative, quasi-experimental pre-post design in which community-based educational programs with teachers and parents were implemented in two schools in South Lebanon. The study consisted of two phases. In the first phase audio taped focus groups with teachers and parents were conducted in order to identify their attitudes and beliefs towards mental illness, symptoms and treatment (this paper was published in JTN). Based on the identified themes, community-based educational programs with the same sample were implemented. Mental health educational workshops were conducted by mental health professionals in psychiatry and psychology over the course of six weeks (two per weekend) in one venue at Marjeyoun National School. Both teachers and parents participated in the workshops, which sought to address various topics on mental health and psychosocial care. The efficacy of this intervention was assessed by comparing scores on PTSD, General Health, Strengths and Difficulties, and Attitudes towards Mental Illness Questionnaires prior to and after its implementation, as well as at 1.5 year follow up.
Co-investigators: Fadi Maalouf, Myrna Doumit, Souha Fares
Funding: MPP and URB
Status: Published.
Principal Investigator: Laila Farhood

An Investigation of War Trauma Experiences and Post-Traumatic Stress Reactions in a South Lebanese Civilian Sample: How Does Gender Fit in the Equation?

This study is part of a bigger one assessing PTSD, Depression and other psychiatric morbidities and their mediating factors in a civilian population exposed to war. The study aimed to assess gender differences in: (1) PTSD prevalence; (2) reported trauma types; (3) reported clusters of symptoms of trauma; and (4) risk factors associated with PTSD. These findings, in turn, enabled us to draw different PTSD symptom, trauma-vulnerability, and risk factor profiles for civilian men and women exposed to war traumas. These profiles would yield insight on alternative assessment and intervention strategies that are sensitive to both genders and strategies that are not necessarily considered in today’s approach to PTSD assessment and intervention.

Co-investigators: Souha Fares, Carmen Hamady

Funding: MPP, URB

Status: Published.

Principal Investigator: Hala Darwish

Interacting with Nature Using Virtual Reality: A Pilot Intervention to Restore Cognitive Fatigue in Patients with Multiple Sclerosis (MS)

Examine the effect of 12 weeks interactive virtual reality (using low cost improved mobile VR headsets), nature compared to urban environment, on cognitive fatigue in MS patients.

Co-investigator: Mariette Awad

Funding: CRS 2 years

Status: IRB review

Principal Investigator: Hala Darwish

Longitudinal Effect of Vitamin D3 Replacement on Cognitive Performance and MRI Markers in Multiple Sclerosis Patients: A Single-Blind Randomized Clinical Trial

This is a longitudinal single-blind randomized trial to test the effects of high compared to low dose Vitamin D3 supplementation on cognitive performance at 6 and 12 months, and MRI measures of 12 months duration.

Co-investigators: Samia Khoury, Nabil El Ayoubi, Salem Hannoun

Funding: MPP

Status: Ongoing.

Principal Investigator: Hala Darwish

Environmental Enrichment and Exercise (EE+Ex) Affects Object Recognition, Spatial Learning and Memory, and Epigenetic Events Post Severe Traumatic Brain Injury

Severe Traumatic Brain Injury (TBI) survivors suffer from persistent cognitive deficits. Similarly, long-term recognition, temporal order, and spatial learning and memory deficits follow experimentally induced severe TBI in rats. Therapies such as environmental enrichment (EE) and exercise are promising and enhance memory functions post severe TBI. However, few studies have examined epigenetic, astrocytic changes in relation to memory functions after EE and exercise. Severe TBI using controlled cortical impact head injury in mice will be used. After 14 and 21 days of EE coupled with daily exercise, spontaneous object recognition, temporal order, and spatial learning and memory will be assessed using an open field and Morris water maze. Neurogenesis, epigenetic events, and astrocytes changes will be measured using immunohistochemistry labeling and quantitative real time PCR. Decreased memory impairment and increase in neurogenesis in the experimental group compared to controls is expected; in addition to an elevation in the number of astrocytes as well as up-regulation in GFAP and Vimentin expression. Decreased DNA methylation and increased histone acetylation in the hippocampus are expected as well. Controlling and modifying the severe TBI survivors’ environment as well as exercise to stimulate and restore sensory, motor, and cognitive function is of great clinical importance.

Co-investigator: Firas Kobeissy

Funding: CNRS

Status: Ongoing
Principal Investigator: Hassan Dhaini
N-Acetylation Traits as Effect Modifiers of the Association Between Smoking-based Arylamine Exposure and Tumorigenic Outcome in Lebanese Urothelial Bladder Cancer Patients
The study aims to investigate a potential association between smoking and tumorigenic outcome in urothelial bladder cancer patients, as well as to examine the modifying effect of metabolic N-acetylation traits. This study is expected to improve our understanding of the etiology of bladder cancer. We anticipate providing evidence in support of a gene-environment interaction that may underlie the unusually high incidence of bladder cancer in Lebanon.

Co-investigator: Souha Fares
Funding: URB
Status: Data collection in progress.

Principal Investigator: Suzanne R. Dhaini
Implicit Rationing of Nursing Care among Lebanese Patients (Rational) - A Longitudinal Study on the Variations, Trends, Predictors, and Outcomes of Rationed Nursing Care
The purpose of this study is to investigate the variations and trends of rationing of nursing care on a shift-level basis over time on medical, surgical, and pediatric units in a Lebanese university affiliated hospital and its association with work environment factors, as well as nurse and patient outcomes.

Co-investigators: Michael Simon, Dietmar Ausserhofer, Nuhad Dumit, Huda Abu-Saad Huijer
Funding: MPP
Status: Data collection.

Principal Investigator: Nuhad Dumit
Analyzing the Antecedents of Nurse Absenteeism in Medical Centers in Lebanon
The main aim of this study is to examine sickness absences at major medical centers across the country in terms of prevalence, nature, causes, trends, frequency, cost, and impact on services provided. Another aim is to explore reasons for sickness absence in order to recommend and implement appropriate intervention(s) for effective absence management. A third aim is to validate the JOINT model created in a systematic literature review (article published) by the investigators.

Co-investigator: Lina Daouk Oyry
Funding: Evidence-Based Healthcare Management Unit, AUB
Status: Writing manuscripts.

Principal Investigator: Nuhad Dumit
Assessing Basic and Continuing Education Learning Needs of Nurses in Lebanon
The purpose of the study is to identify the basic and continuing education learning needs and preferred ways of learning of bedside nurses in Lebanese hospitals. It is expected that the results of this study will inform the design of basic and continuing education programs that can be tailored to the needs of bedside nurses. This study is being done in collaboration with the Order of Nurses in Lebanon and nursing faculty members from the University of Saint Joseph, University of Balamand, and Lebanese University.

Co-investigators: Souha Fares, Marie Therese Sabbagh, Mireille Najjar, Gisel Hajal, Vicky Jubran
Funding: In-kind support from the Order of Nurses in Lebanon
Status: Writing manuscripts.

Principal Investigator: Nuhad Dumit
Exploring Continuing Education Learning Needs of Nurse Managers in Lebanon
The overall aim is to assess the continuing education needs of nurse managers in Lebanon.

Co-investigator: Souha Fares
Funding: URB
Status: Data analysis in progress.
Principal Investigator: Nuhad Dumit
Perspectives of Registered Nurses on Refugee Healthcare in Lebanon and Jordan: A Multi-site Cross-sectional Study (Profile)
The overall aim of this research project is to explore the perspectives of Lebanese and Jordanian nurses on the effect of the influx in healthcare demands due to the protracted Syrian refugee crisis on the health of nurses working in hospitals and primary healthcare centers in Lebanon and Jordan and to examine how this crisis is impacting the quality of their services.
Co-investigators: Gladys Honein, Ibtissam Al Zaru, Muntaha Gharaibeh, Nancy R. Reynolds, Patricia M. Davidson, Suzanne R. Dhaini
Funding: Global Health Institute
Status: Qualitative data collection completed; manuscript in press to the Journal of Nursing Scholarship; quantitative data collection commenced in March 2019. Quantitative data collection in process.

Principal Investigator: Souha Fares
Abnormal Blood Pressure Complexity and Fluctuation: An Indicator of Vascular Disease Independent of Blood Pressure
The research proposal is focused on the use of non-conventional blood pressure variability (BPV) metrics (complexity measures and detrended fluctuation analysis exponents) to examine the potential role of this novel cardiovascular risk factor in the adult Lebanese population. Our primary objective is to determine the effect of weight loss through bariatric surgery on blood pressure dynamics in obese and morbidly obese normotensives (No-HTN), pre-hypertensive (pre-HTN), and hypertensive patients (HTN). We also aim to show that beat-to-beat BP complexity and fluctuation metrics will provide superior discrimination between No-HTN, pre-HTN, and HTN subjects, and will differ for demographic sub-cohorts. Another objective is to quantify the impact of BPV on the normal and shear stresses at the walls of the blood vessels.
Co-investigators: Kamal Badr, Bassem Safadi, Issam Lakkis
Funding: MPP
Status: Preparing for data collection.

Principal Investigator: Gladys Honein
Informal Provision of Health Services for Syrian Refugees in Lebanon
This project aims to conduct a mapping of the informal community-led health initiatives within the Syrian refugee population in Lebanon, and to understand how they are coping with the humanitarian assistance gap to cover their needs.
Co-investigators: Fouad Fouad, Lamis Jomaa, Mona Osman, Nasser Yassin, Shadi Saleh
Funding: CRS
Status: Manuscript preparation

Principal Investigator: Gladys Honein
Exploring the Benefits and Drawbacks of a New Approach for Managing Conflict of Interest in Guideline Development
The Canadian guideline for use of opioids in chronic non-cancer pain used an innovative approach for the management of financial and intellectual conflicts of interest, which was to have a team of unconflicted clinician-methodologists serving on the voting guideline panel, and to have a team of content experts, including individuals with financial and/or intellectual conflicts of interest, to guide the panelists and provide content expertise. This study aims to explore the benefits and drawbacks of this approach, and whether it could serve as a potential model for managing important aspects of conflict of interest in future guidelines.
Co-investigators: Elie Akl, Samantha Craigie, Jason Busse, Justin Ho, Gordon Guyatt
Funding: None
Status: Manuscript preparation.

Principal Investigator: Gladys Honein
Towards a Family Practice-Based Primary Care in Eastern Mediterranean Region: Roles and Functions of Nursing and Midwifery Workforce
In this study, our aim is to gather evidence based on actual practices to evaluate and scale up the primary care workforce in support of implementing family practice in the EMRO region. In this report, the main focus is describing nurses’
and midwives’ roles as part of an inter-disciplinary team and the factors that influence these roles.

**Co-investigators:** T. Avedissian, M. Arevian, R. Hoteit, E. Dyer  
**Funding:** World Health Organization, Eastern Mediterranean Office  
**Status:** Report submitted; two manuscripts are in preparation.

**Principal Investigator:** Gladys Honein  
**User Acceptance of Electronic Patient Portal (EPP) for Self-management of Diabetes and Chronic High Blood Pressure at the Family Practice Clinic of the American University of Beirut, Lebanon**  
The aim of this study is to explore the demographic characteristics, the perceived ease and usefulness, and the subjective and social norms of potential users of the Electronic Patient Portal at the American University of Beirut Medical Center-Family Practice Clinic.  
**Co-investigator:** Joumana Antoun  
**Funding:** MPP  
**Status:** Data analysis and manuscript in preparation.

**Principal Investigator:** Gladys Honein  
**Towards an Organized Colorectal Cancer Screening Program: An Action-oriented Research**  
This project is considered a pilot study to be used as a tool to guide decision-makers adopt evidence-based approaches at a national level  
**Co-investigators:** Tamar Kabakian, Marco Badrus, Hana Nimer, Caren Daou, Nathalie Awada, Layla Al Hajj, Rasha Ghassani, Malak Tabaja  
**Funding:** Global Compact Network Lebanon  
**Status:** Waiting for IRB approval.

**Principal Investigator:** Gladys Honein  
**Community Health Assessment of Needs and Continuous Empowerment (CHANCE) - An experience-based co-design approach**  
To assess the learning needs of community-based nurses and to develop an intervention training program to address the top priority learning need.  
**Co-investigators:** Nuhad Dumit, Nathalie Richa, Mary Arevian, Tamar Avedissian, Bahia Abdallah  
**Funding:** URB  
**Status:** Data collection completed for phase 1; data analysis in progress; awaiting IRB approval for phase 2.

**Principal Investigator:** Gladys Honein  
**Patients’ Perceptions of Nurses and Physicians’ Listening Behaviors, Education, and Empathy**  
The purpose of this study is to understand the ways in which medical/surgical patients during their hospital stay at AUBMC recognize, identify, and understand the ways in which bedside nurses’ and physicians’ behavior conveyed aspects of communication (listening versus the absence of listening, empathy projected, interpersonal skills, and education provider by nurses and physicians). The objective of this study is to assess patients’ perception regarding communication by the physician and nurse and how this affects patient experience and satisfaction.  
**Co-investigators:** Ahmad Diab, Lama Al Jurdi  
**Funding:** None  
**Status:** Data collection.

**Principal Investigator:** Lamis Joumaa  
**Do Unregistered and Registered Syrian Refugees Adopt Different Informal Adaptive Mechanisms for Resilient Livelihoods? A Case Study from the Bekaa Valley Region in Lebanon**  
We aim to explore whether the categorization of Syrian refugees based on their registration status in Lebanon can affect their vulnerability and how it can
contribute to their adoption of informal mechanisms to secure their livelihoods. We aim to explore the challenges and experiences from the perspective of Syrian refugees and local key informants (such as NGOs operating in the region).

Co-investigators: Gladys Honein, Nour El Arnaout, Shadi Saleh
Funding: Global Health Institute
Status: Data collection.

Principal Investigator: May Khoury
Palliative Care: Educational Intervention for Nurses in Lebanon: An Attempt
The purpose of this study is to assess the effectiveness of palliative care continuing educational intervention for registered nurses at the American University of Beirut Medical Center and to recommend future educational programs.

Co-investigators: Mary Arevian, Suha Fares, Ghina El Khatib
Funding: None
Status: Data analysis in progress.

Principal Investigator: Samia Khoury
Microglial Activation and Neural Stem Cells Cross Talk Post Traumatic Brain Injury
Microglia are macrophage cells in the Central Nervous System (CNS), at the front line of CNS immunological defense. They play an important role in Mild Traumatic Brain Injury (mTBI) which may be beneficial or detrimental depending on their state of activation. This project aims to:
Evaluate spatio-temporal activation of microglia cells and the role of microglial activation at 2, 7, and 35 days post-TBI, in rodents.
Characterize the behavioral deficits post-TBI and correlate outcomes with neural injury and immunological indices.

Co-investigators: Hala Darwish, Firas Kobeissy
Funding: Office of Naval Research, US Department of Defense (DOD)
Status: Ongoing.

Principal Investigator: Salwa Kobaissi
Evaluation and Challenges of a Smoking Cessation Program (SCP): The Experience of a Referral Center in the Eastern Mediterranean Region
The aim of this qualitative study is to evaluate the obstacles and facilitators faced by practitioners in the delivery of service.

Co-investigators: Gladys Honein, Nadim Kanji, Maya Romani
Funding: AUBMC
Status: Manuscript in preparation.

Principal Investigator: Dr. Tamara Lotfi
Cross-sectoral Evidence Synthesis and Knowledge Translation in 37 Centers from 24 Low and Middle Income Countries: a Needs Assessment Study
To assess the needs of GESI Network members in order to tailor capacity strengthening activities.

Co-investigators: Gladys Honein, Hussein Ismail, Cynthia Rizkallah, Fadi El Jardali, Simon Lewin, Peter Tugwell, Elie Akl
Funding: None
Status: Manuscript in preparation.

Principal Investigator: Angela Massouh
Determinants of Self-care in a Sample of Lebanese Patients with Heart Failure
The primary purpose of this study is to describe self-care behaviors and their determinants in a sample of Lebanese patients with heart failure and subsequently make recommendations for interventions to promote self-care among this vulnerable patient population. The specific aim of this study is to describe the relationships among clinical and sociodemographic characteristics, functional ability, and psychological status and self-care in a sample of Lebanese patients with heart failure.

Co-investigators: Huda Abu-Saad Huijer, Paula Meek
Funding: URB
Status: Finalized, writing manuscripts.
Principal Investigator: Angela Massouh  
**Dyad Engagement in Heart Failure Self-Care**

The primary aim of this study is to identify patient and dyadic determinants of self-care in heart failure care dyads while controlling for dyadic interdependence. Secondary aims of this study are: (1) to typify distinct patterns of heart failure patient-caregiver dyads engagement in self-care and link these patterns to heart failure disease outcomes and (2) to establish a neurocognitive profile of the heart failure patient and determine whether an association exists between the severity of heart failure and cognitive abilities as well as cognitive abilities and self-care.

**Co-investigators:** Huda Abu-Saad Huijer, Souha Fares, Hala Darwish, Hadi Skouri, Paula Meek  
**Funding:** URB  
**Status:** In process.

Principal Investigator: Nadine Moacdieh  
**Perceptions of Music and Noise in AUBMC Operating Rooms**

The goal of this research is to analyze the perceived effects of noise and music in the OR on the performance and attention of medical personnel.

**Co-investigators:** Ramzi Alame, Saif Al-Qaisi, Zavi Lakissian, Rana Sharara, Lina Younan, George Zaytoun.

**Funding:** None  
**Status:** Data collection.

Principal Investigator: Samar Noureddine  
**Validation of an Arabic Version of the Minnesota Living with Heart Failure Questionnaire**

The aim of this study is to test the psychometric properties of the Minnesota Living with Heart Failure Questionnaire used to measure quality of life in a sample of 210 outpatients diagnosed with heart failure recruited from the cardiology clinics and echocardiography lab at AUBMC. Patients will be interviewed using the questionnaire and the PHQ-9 for depression.

**Co-investigators:** Hussain Isma’eel, Hani Tamiim, Mariam Zahweh, Hadi Skuri  
**Funding:** None  
**Status:** Data collection in progress.

Principal Investigator: Samar Noureddine  
**Resuscitation in the Intensive Care Unit: A Survey of Physicians in Lebanon**

The aim of this study is to explore the practices, attitudes, and challenges experienced by intensive care physicians related to in-hospital resuscitation. Lime Survey methodology was used to administer the survey online to 196 members of the Lebanese Society of Critical Care Medicine and 254 members of the Lebanese Society of Cardiology. Results will inform development of a national policy on cardiopulmonary association.

**Co-investigators:** Ahmad Husari, Mira Obeid, Hussain Isma’eel  
**Funding:** In-kind support by the Vascular Medicine Program, AUBMC  
**Status:** Data analysis.

Principal Investigator: Samar Noureddine  
**Survey of the Knowledge, Attitude, and Practices Related to Out of Hospital Resuscitation Among Nurses in Lebanon**

The aim of this study is to examine the knowledge, attitudes, and practice of nurses in Lebanon related to out of hospital cardiopulmonary resuscitation. A second aim is to identify factors associated with the willingness of nurses to attempt resuscitation outside the hospital setting. The study uses a descriptive quantitative design. A total of 770 nurses will be recruited, including 556 nurses from a sample of 30 hospitals randomly selected from the 5 governorates, and 204 nurses working in all the primary health care centers in the country. A self-administered questionnaire developed for this study and validated by experts in resuscitation will be mailed to the nurses. The items address training received by nurses in resuscitation and their related knowledge, experience, and attitudes regarding out of hospital cardiac arrest resuscitation, and the perceived importance of factors that may influence the nurse’s decision to attempt resuscitation outside the hospital setting, in addition to demographic questions.

**Co-investigators:** Tamar Avedissian, Nina Khatib, Joanna Irani
Funding: Order of Nurses in Lebanon
Status: Data analysis.

Principal Investigator: Makram Obeid
Characterization of Post-traumatic Seizures and Cognition and Emotional Behavioral Disturbances in a Clinically Relevant Model of Closed Head Injury in Adolescent Rats
To investigate the effects of a closed-head injury on the development of long-term post-traumatic seizures (2 weeks and up to 2 months post-injury) and on the development of long-term cognitive and emotional behavioral disturbances
Co-investigator: Hala Darwish
Funding: MPP
Status: Ongoing.

Principal Investigator: Dr. Yasser Shuaib
Perceived Factors Influencing Participation in Fecal Immunochemical Screening Test for Colorectal Cancer among the Lebanese Population
To examine the perceived factors influencing participation in FIT.
Co-investigators: Gladys Honein, Tarek Nammour, Hana Nimer
Funding: None
Status: Data collection.

Principal Investigator: Kathy Wood
Symptom Measurement in Patients with Arrhythmias
The aim of this prospective cross-sectional survey is to evaluate the number and incidence of clinical symptoms and depression, as well as the impact of symptoms on patients living with a variety of arrhythmias. Gender differences in symptom perceptions was also examined in a sample of 100 patients with arrhythmias recruited from the cardiology clinic at AUBMC.
Co-investigators: Marwan Refaat, Samar Noureddine, Mostafa Hotait
Funding: Duke University
Status: Manuscript in preparation.

Principal Investigator: Ahmad Al Yazbi
Modulation of Metabolic Stress-induced Neuro-inflammation by Oral Anti-diabetic Drugs: A Proposed Role for Activation of Autophagy
Metabolic syndrome (MetS) remains a public health challenge with significant increase in diabetes and cardiovascular disease risk. A less studied consequence of MetS is the ensuing central nervous system (CNS) inflammation. Recent evidence suggests an association between neuro-inflammation in MetS with cognitive impairment. With a high incidence of diabetes in Lebanon, as estimated by the International Diabetes Federation, a significant proportion of the population would be at risk of developing detrimental cognitive consequences of metabolic stress. Thus, studying the mechanistic link leading to neurobehavioral consequences in metabolic disorders becomes of great local public health value. Additionally, the recent introduction of new anti-diabetic agents with presumed pleiotropic effects on the associated inflammatory processes sets the stage for further investigation of the potential CNS protective effect of these drugs in the context of MetS.
Our intent in this proposal is to use a newly developed rat model of metabolic stress to investigate behavioral changes occurring in the context of the pre-diabetes, study the underlying pathology, and examine the effect of early treatment with some of the anti-hyperglycemic drugs with presumed benefit. Our goal is to identify targets for early therapeutic interventions and uncover the mechanism for potential corrective effects of oral anti-hyperglycemic drugs.
Co-investigators: Hala Darwish, Firas Kobeissy
Funding: CNRS
Status: Pending funding from CNRS.
B. SCHOLARLY AND OTHER PUBLICATIONS 2018


2. Abu-Saad Huijer H. Nursing was My Passport. Reflections on Nursing Leadership RNL. Sigma Theta Tau Honor Society. 2-11-2018


10. Dakessian Sailian S, Abu-Saad Huijer H, Dhaini S R, Adra M. Palliative Care Assessment Tools for Older Adults: A Review. LMJ. In Press


28. Madi D. & Badr L. Translation and Cultural Validation of the Adolescent Pediatric Pain Tool (APPT) in Lebanese Children with Cancer. Accepted for publication April 2019 in Pain Management Nursing Journal


Research/Continuing Education Seminars

The HSON Research Committee (RC) organized a series of research seminars. The aim of these seminars is to disseminate the research findings of HSON faculty and alumni to the AUB community and to get acquainted with other AUB faculty members’ research work. The following were invited to share their research findings:

- Dr. Ghassam Hamade, January 24, 2018. Title: Overview of Reporting and Clinical Research in EPIC.
- Dr. Angela Massouh, April 25, 2018. Title: Determinants of Self-care in a Sample of Lebanese patients with heart failure.
- Dr. Fadia Homeidan, November 28, 2018. Title: How OGC can help PIs identify funding and what else OGC offers in terms of services.
- Dr. Issam Lakkis, December 12, 2018. Title: Beirut Pollution Map.

C. EDITORIAL POSITIONS

Huda Abu-Saad Huijer

1994 Ongoing  Associate editor and later member of Editorial Board, International Journal of Nursing Studies
1999 Ongoing  Editorial Board, Journal of Transcultural Nursing
2005 Ongoing  Editorial Board, Journal of Nursing Scholarship
2005 Ongoing  Reviewer, European Journal of Pain
2006 Ongoing  Editorial Board, Japanese Journal of Nursing Science
2008 Ongoing  Reviewer, Lebanese Medical Journal
2009 Ongoing  Reviewer, Pediatric Pain Newsletter, IASP

2011 Ongoing  Reviewer, Journal of Palliative Medicine
2011 Ongoing  Editorial Board, IASP Insight Newsletter
2011 Ongoing  Editorial Board, Nursing Children and Young People
2012 Ongoing  Reviewer, Health Promotion International
2012 Ongoing  Reviewer, Europe’s Journal of Psychology
2012 Ongoing  Reviewer, Journal of Pain and Symptom Management
2013 Ongoing  Editorial Board, Annals of Palliative Medicine
2014 Ongoing  Editorial Board, Alexandria Scientific Nursing Journal (ASNJ)

Nour Alayan

2015 Ongoing  Reviewer, Journal of Addictions Nursing
2015 Ongoing  Reviewer, Japan Journal of Nursing Science

Mary Arevian

2006 Ongoing  Reviewer, Journal of Interprofessional Care
2006 Ongoing  Reviewer, Journal of Transcultural Nursing
2008 Ongoing  Reviewer, Journal of Women’s Health
2012 Ongoing  Reviewer, The Japanese Journal of Nursing Sciences
2012 Ongoing  Reviewer, Journal of Health Promotion International

Michael Clinton

2010 Ongoing  Editorial Board, Journal of Mental Health
2010 Ongoing  Editorial Board, Journal of Ethics in Mental Health
2010 Ongoing  Editorial Board, International Journal of Evidence-Based Healthcare
2010 Ongoing  Reviewer, Contemporary Nurse
2010 Ongoing  Reviewer, Journal of Nursing Measurement
2010 Ongoing  Reviewer, Journal of Adolescent Health

Hala Darwish
2011 Ongoing  Editor, The AUBMC Abu Haidar Neuroscience Institute Newsletter
Ongoing  Reviewer, Electrophoresis (Peer Reviewed Journal)
2012 Ongoing  Reviewer, Journal of Neurotrauma
2012 Ongoing  Reviewer, Journal of Clinical Immunology
2013 Ongoing  Editorial Board, Frontiers of Neurotrauma
2015 Ongoing  Reviewer Plos One
2017 Ongoing  Reviewer, Journal of Nursing Scholarship

Nuhad Dumit
2008 Ongoing  Reviewer, Journal of Nursing Management
2009 Ongoing  Reviewer, Journal of Interprofessional Care
2013 Ongoing  Reviewer, BMC Nursing Journal by BioMed Central
2014 Ongoing  Reviewer, Journal of Clinical Nursing Research
2014 Ongoing  Editorial Board, Nursing Management, published by the Royal College of Nursing
2018 Ongoing  Reviewer, European Journal of Cardiovascular Nursing

Laila Farhood
2006 Ongoing  Editorial Board and Reviewer, Journal of Transcultural Nursing

Gladys Honein
2014 Ongoing  Reviewer, British Medical Journal open access
2015 Ongoing  Reviewer, International Journal of Health Policy and Management
2015 Ongoing  Reviewer, Women’s Health Issues
2015 Ongoing  Reviewer, PLOS One
2015 Ongoing  Reviewer, European Journal of Cancer Care
2015 Ongoing  Reviewer, Clinico-Economics and Outcomes Research
2017 Ongoing  Reviewer, Cancer Causes & Control
2018 Ongoing  Reviewer, Journal of Nursing Scholarship

Lina Kantar
2013 Ongoing  Center for Teaching and Learning (CTL), AUB
2014 Ongoing  Nurse Education Today, Elsevier
2014 Ongoing  Nurse Education in Practice, Elsevier

Samar Noureddine
2016 Ongoing  Reviewer, BMC Health Services Research
2015 Ongoing  Reviewer, Lebanese Nursing Journal
2014 Ongoing  Reviewer, Sultan Qaboos University Medical Journal
2013 Ongoing  Editorial Board, European Journal of Cardiovascular Nursing
2012 Ongoing  Reviewer, Heart & Lung: The Journal of Acute and Critical Care
2011 Ongoing  Reviewer, Journal of Cardiovascular Nursing
2011 Ongoing  Reviewer, Journal of Clinical Nursing
2011 Ongoing  Reviewer, Pan African Medical Journal
2009 Ongoing  Reviewer, International Journal of Nursing Studies
2009 Ongoing  
Reviewer, Journal of Nursing Scholarship

2009 Ongoing  
Reviewer, European Journal of Cardiovascular Nursing

2009 Ongoing  
International Editorial Board, Metas de Enfermiera’ Nursing Journal

2008 Ongoing  
Reviewer, American Journal of Critical Care

2008 Ongoing  
Editorial Board, Journal of Transcultural Nursing

Lina Younan

2018  
Abstract reviewer for the ICN Congress in Singapore, June 27-July 1, 2018  
(reviewed 78 abstracts Oct/Nov 2018).

2018  
Reviewer, Journal of Nursing Management

D. SCIENTIFIC CONTRIBUTIONS AND RESEARCH GRANT REVIEWS

Huda Abu-Saad Huijer

2014-18  
PhD supervision of Ms. Angela Massouh, University of Colorado, USA

2014-18  
PhD supervision of Farah Chamaa, Department of Anatomy Cell Biology and Physiological Sciences, Faculty of Medicine, AUB

2016 Ongoing  
Faculty mentoring of Dr. Rihab Nasr, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB

2018 Ongoing  
Faculty mentoring of Dr. Wassim Abi-Kheir, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB

Hala Darwish

2011 Ongoing  
Reviewer of Medical Practice Plan, Faculty of Medicine Research Committee, AUB

Nuhad Dumit

2009 Ongoing  
Reviewer, Western Institute of Nursing conference Abstracts

2011 Ongoing  
Reviewer, “Effective Teaching and Learning in Higher Education,” organized by the Center for Teaching and Learning (CTL) and IT Academic Core Processes and Systems (IT ACPS), AUB

2012 Ongoing  
Reviewer, ICN Congress/conference Abstracts

2016 Ongoing  
Appraiser, McMaster Online Rating of Evidence (MORE), McMaster University

Laila Farhood

2010 Ongoing  
Reviewer of Medical Practice Plan and University Research Board grants, AUB (upon request)

2013-14  
Ongoing MPP/URB funding for the Intervention study “Promoting psychosocial and mental healthcare through community-based educational workshops for teachers and parents: A follow-up to mental health assessment in civilians exposed to traumatic war events in the South of Lebanon”

Gladys Honein

2016 Ongoing  
Abstract reviewer, North American Primary Care Group, November 9-12, 2016
Lina Kantar
2013 Ongoing  Center for Teaching and Learning (CTL) grant reviews, AUB

Samar Noureddine
2012 Ongoing  Abstract reviewer, Annual Spring Meeting of the Cardiovascular Council of Nurses and Allied Professionals
2011 Ongoing  Reviewer for Sultan Qaboos University, Research and Innovations Department
2010 Ongoing  Reviewer of Medical Practice Plan and University Research Board grants, Faculty of Medicine Research Committee, AUB

E. SCHOLARLY LECTURES

Huda Abu-Saad Huijer
• Abu-Saad Huijer, H. Nursing Education and Research; Hariri School of Nursing. Koc University, Istanbul, Turkey, June 27, 2018.
• Abu-Saad Huijer, H. Pain & Symptom Management in Older Adults in Lebanon, September 12–17, 2018. 16th World Congress on Pain, International Association for the Study of Pain, Boston, USA.

• Abu-Saad Huijer, H. Achieving Quality and Accreditation in Nursing Programs and Workplaces. November 16, 2018. The Importance of Quality and Competencies in the Nursing Profession. The Faculty of Nursing at Saint-Joseph University of Beirut and the Scientific Society of Arab Nursing Faculties. USJ, Beirut.
• Abu-Saad Huijer, H. Nursing Developments Transforming Health Care. ‘Nursing Voice; Partners in Health Care Transformation’. November 22–24, 2018, Al-Khobar, KSA.

Marina Adra
• Adra, M. Exploring Resident-Staff Relationships in Nursing Homes in the Lebanon. Staff perspectives: Presented at ICN Regional Conference, Abu Dhabi, UAE, September 2018.

Nour Alayan
• Alayan, N. Heart Rate Variability Biofeedback Reduces Substance Craving in Recovering College Students, May 2018, Order of Nurses in Lebanon 2nd International Conference, Lebanon.
• Alayan, N. Substance Use in the Workplace: Screening, Brief Intervention, and Referral to Treatment, April 2018, 49th MEMA Mental Health Across the Lifespan, Lebanon.

Hala Darwish
• Darwish, H. Exploring the Role of Cognitive Reserve in Dementia Among Lebanese Older Adults. April 19–22, 2018. Oral presentation. Middle East Medical Assembly (MEMA), Beirut, Lebanon.
• Darwish H. The Impact of Cognitive Rehabilitation on the Brain’s Functioning. Invited. Psychological Assessment Center. May 9, 2018, AUB.


Nuhad Dumit

• Dumit N. Invited to speak on “Nurses leading healthcare Transformation: from Practice to Policy” at the International Nursing Conference organized by King Fahd Specialist Hospital, Dammam, under the title of “Nursing Voice: Partners in Healthcare Transformation,” November 22-24, 2018.


• Dumit N. Invited by the Jordanian Nursing Council to present my experience in policy making at a national level at the “Nursing Now” Roundtable on “Putting Nurses at the Heart of Policy Making: A Paradigm Shift in Nursing Leadership for the 21st Century,” April 18, 2018.

• Dumit N. Invited to speak on “LGBT Health as a Right” at the LEBMASH conference on “advancing Excellence in LGBT Health in Lebanon”, March 17, 2018.

• Dumit N. Invited as a plenary keynote speaker by the “European Federation of Educators in Nursing Science” (FINE) to address the conference in their 2018 conference titled “Nursing Education and Practice from Vision to Action in a Changing World,” Malta, February 2018.

• Dumit N. Invited to the “6th annual Beirut Breast Cancer Conference” Debate during the opening ceremony of the conference addressing challenges in breast cancer prevention, early detection and treatment from legal and service provision standpoints, and panel addressing support of cancer patients organized by AUBMC, February 8-9, 2018.

Souha Fares


Laila Farhood

• Farhood, L. PTSD and Gender: Could Gender Differences in War Trauma Types, Symptom Clusters and Risk Factors Predict Gender Differences in PTSD Prevalence? Presented at 18th World Congress of Psychiatry WPA September 27-30, 2018, Mexico City, Mexico.


• MEMA, I served as member of the organizing and scientific committees and chair of public lectures committee. I presented: “How to Take Care of my Emotional Well-Being”: Depression, Anxiety and Stress Management April 19-22, 2018

• Presented at the trauma conference Lebanese University October 19-20, 2018, “Mental Health and psychosocial care for citizens affected by war.”

Gladys Honein

**Angela Massouh**


- Massouh, A. Heart Failure Symptom Management. Presentation at the Novartis Workshop for Heart Failure Clinic Nurses. Smallville Hotel, Beirut, Lebanon, August 9, 2018.

- Massouh, A., Huijer, H., Meek, P., & Skouri, H. Determinants of Self-Care in a Sample of Lebanese Patients with Heart Failure. Poster Presentation at the Heart Failure Association of the European Society of Cardiology Meeting, Vienna Austria, May 28, 2018.

- Massouh, A. Determinants of Self-Care in a Sample of Lebanese Patients with Heart Failure. Presentation at the 2nd International Nursing Conference at the Order of Nurses in Lebanon, Habtour Hotel, Beirut Lebanon, May 20, 2018.

- Massouh, A. Depression in Patients with Heart Failure. Presentation at the 2018 Middle East Medical Assembly at the American University of Beirut Medical Center, Lebanon, April 20, 2018.

**Samar Noureddine**


**Lina Younan**

V. PROFESSIONAL PRACTICE/SERVICE
A. PROFESSIONAL PRACTICE

Huda Abu-Saad Huijer
- Founding President, Chi Iota Chapter, Sigma Theta Tau International Honor Society in Nursing in Lebanon.
- Consultant, WHO EMRO on the Future of Nursing and Midwifery in the Eastern Mediterranean Region.
- Member, Advisory Committee, Center for Research, Training, and Policy in Arab Mental Health, Faculty of Medicine, AUB.
- Member, Public Advisory Board, Lebanese Society of Family Medicine.
- Vice-President, National Committee on Pain Relief and Palliative Care (Appointed by Minister of Health); Chair, Research Committee.
- Past president, Lebanese Society for the Study of Pain.
- Member, UC Davis, Advancing Pain Relief Education: Anchoring Pain Competencies around the World
- Member, Advisory Board of the Order of Nurses in Lebanon.
- Member, Association of Deans and Directors of Schools of Nursing in Lebanon.

Marina Adra
- Consultation with the Nursing Program at Mohamad Al Mana College of Health Sciences (MACHS).

Nour Alayan
- Member, Academic and Curriculum Committee, HSON, AUB.
- Member, Learning Collaborative for Adolescent SBIRT in Social Work & Nursing Education, the Non-partisan and Objective Research Organization (NORC), University of Chicago, USA.

Nuhad Dumit
- President, Order of Nurses in Lebanon.
- Member, Western Institute of Nursing.

Hala Darwish
- Continuing education program/curriculum for Lebanese neuroscience nurses. Leading a team of 5 neuroscience nurses to train 180 nurses. This is part of a capacity building, train the trainer program, project led by the Lebanese Order of Nurses, spring-summer 2018.

Laila Farhood
- Psych Mental Health track coordinator.
- Clinical Associate, Department of Psychiatry, Faculty of Medicine. Clinical activities include psychiatric assessment and psychotherapy (individual, couple, and family therapy) in in-patient and out-patient settings.

Gladys Honein
- Session Chair, Introduction to qualitative research, Global Health Institute, Seminar, 2018.
- Session Chair, Introduction to qualitative research, Fellowship Program, Lecture, 2018.

Lina Kantar
- Coordinator, CNE and Offshore Projects / REP.
- Coordinator, Hybrid Nursing Education / HSON.

May Khoury
- Active member in Pain Relief and Palliative Care Education Sub-Committee of the National Committee for Pain Relief and Palliative Care established by the Ministry of Public Health.

• Active member, Pediatrics Educational Council at AUBMC.

Dina Madi

• Attended and participated (moderator of a session) in the International Congress of the Order of Nurses.

• Participated in AUB Philanthropy Week as a team leader of the nursing group at quiz night.

• Sigma Theta Tau International, Chi Iota Chapter, president until October 2018.

Angela Massouh

• Cardiology Clinical Nurse Specialist. Joint Appointment, AUBMC.

• Heart Failure Specialists of Tomorrow, European Society of Cardiology. Nucleus Committee Member.

• Sigma Theta Tau International, Chi Iota Chapter, president since November 2018.

• Cardiology Nurses Committee. Order of Nurses, Lebanon.

Samar Noureddine


• Moderated a session titled ‘Nursing Care in NCDs’ at the 2nd international conference of the Order of Nurses in Lebanon in Habtoor Hotel, Lebanon. May 10, 2018.

• Moderated a session titled ‘Nursing care in NCDs’ at the 2nd international conference of the Order of Nurses in Lebanon in Habtoor Hotel. Lebanon. May 11, 2018.

• Co-chair, Scientific Committee, Second International Conference of the Order of Nurses in Lebanon Nurses Leading The Vision For Global Health planned for May 9–11, 2018.

• President; Nurses’ Chapter, Worldwide Alumni Association of the American University of Beirut, since February 2015.

Lina Younan

• Coordinated the Epic training of concerned HSON instructors, faculty, and students.

• Member of a task force for developing the nursing code of ethics for Lebanon.

B. SERVICE

HSON STANDING COMMITTEES

Advisory Committee:

• Dr. Huda Abu-Saad Huijer (Chair)

• Dr. Michael Clinton

• Dr. Laila Farhood

• Dr. Samar Noureddine

• One member to be elected from associate professor rank when bylaws are approved

Administrative Committee:

• Dr. Huda Abu-Saad Huijer (Chair)

• Dr. Nuhad Dumit

• Dr. Laila Farhoud

• Dr. Samar Noureddine

Graduate Studies Committee:

• Dr. Michael Clinton (Chair)

• Dr. Gladys Honein (to replace Dr. Hala Darwish during fall 18-19)

• Dr. Nuhad Dumit
• Dr. Samar Noureddine (ex-officio and representative of the Board of Graduate Studies)
• Dr. Laila Farhoud (ex-officio)
• Dr. Houry Puzantian (Appointed)

Graduate Studies Departmental Assessment Committee:
• Dr. Lina Younan (Chair)
• Mrs. Mary Arevian
• Dr. Souha Fares
• Dr. Samar Noureddine (ex-officio)

Undergraduate Curriculum Committee & Undergraduate Student Academic Affairs Committee:
• Dr. Dina Madi (chair)
• Mrs. Mary Arevian
• Dr. Nour Alayan
• Dr. Lina Kantar
• Dr. Ghada Assaf (Appointed)
• Dr. Suzanne Dhaini (Appointed)
• Dr. Nuhad Dumit (ex-officio)
• Dr. Hala Darwish (Senate representative)

Undergraduate Admissions and Financial Aid Committee:
• Mrs. May Khoury (Chair)
• Mrs. Danielle Damianos
• Mrs. Talin Gulgulian
• Dr. Dina Madi
• Mrs. Hera Tashjian

• Mrs. Tamar Avedissian
• Dr. Ghada Assaf (Appointed)
• Mrs. Tamar Avedissian (Appointed)
• Dr. Lina Kantar (Representative on Senate Admissions Committee)
• Mrs. Lynn Berbary (SSO)

Undergraduate Studies Departmental Assessment Committee:
• Dr. Marina Adra (Chair)
• Dr. Dina Madi
• Dr. Angela Massouh
• Dr. Nuhad Dumit (ex-officio)

Research Committee:
• Dr. Soha Fares (Chair)
• Dr. Marina Adra
• Dr. Gladys Honein
• Dr. Angela Massouh
• Dr. Samar Noureddine (representative on URB)
• Dr. Suzanne Dhaini (Appointed)
• Dr. Houry Puzantian (Appointed)
• Dr. Lina Badr (representing AUBMC)

Senate Committees:
• Senate: Dr. Huda Huijer and Dr. Nuhad Dumit
• University Admissions Committee: Dr. Lina Kantar
• Board of Graduate Studies: Dr. Samar Noureddine
• University Disciplinary Committee: Dr. Dina Madi
• Library Committee: Dr. Souha Fares
• University Publications Committee: Dr. Gladys Honein
• University Research Board: Dr. Samar Noureddine
• University Committee on Student Affairs: Dr. Marina Adra
• Academic Development Committee: Dr. Hala Darwish
• Senate Steering Committee: Dr. Nuhad Dumit
Representative on FM Research Committee: Dr. Souha Fares (appointed)

Student Affairs Committee:
• Dr. Marina Adra (Chair) and representative on Senate Student Affairs Committee
• Dr. Dina Madi, class advisor BSN II
• Mrs. May Khoury, class advisor BSN III
• Dr. Marina Adra, class advisor, BSN IV
• Dr. Lina Younan, Graduate Student Advisor
• Dr. Angela Massouh, NSS advisor assisted by Dr. Nour Alayan
• Mrs. Lynn Berbary (SSO)

HSON Search Committee:
• Dr. Huda Abu-Saad Huijer (Chair)
• Dr. Michael Clinton
• Dr. Nuhad Dumit
• Dr. Laila Farhood
• Dr. Samar Noureddine

HSON Catalogue Committee:
• Dr. Samar Noureddine; Chair of Graduate Department
• Dr. Nuhad Dumit; Chair of Undergraduate Department

HSON Newsletter Committee:
• Dr. Gladys Honein (Chair)
• Dr. Marina Adra

• Mrs. Lynn Berbary Najem
• Mrs. Talin Gulgulian
• Ms. Angela Massouh
• Ms. Nisrine Ghalayini

HSON Social Committee:
• Ms. Randa Farha (Chair)
• Mrs. Talin Gulgulian (co-chair)
• Mrs. May Khoury
• Mrs. Lynn Berbary
• Mrs. Silva Dakessian
• Mrs. Danielle Damianos
• Dr. Ghada Assaf

HSON Selection Committee for MCF scholars:
• Dr. Samar Noureddine (or a delegate)
• Ms. Nisrine Ghalayini

HSON PhD Program Steering Committee:
• Dr. Huda Abu-Saad Huijer (Chair) until September 2018
• Dr. Michael Clinton (Chair)
• Dr. Laila Farhood
• Dr. Jason Farley (representing Johns Hopkins University School of Nursing)
• Dr. Jodi Lori (representing University of Michigan School of Nursing)
• Dr. Samar Noureddine
Other AUB Committees

**Huda Abu-Saad Huijer**
AUB Budget Committee, member  
AUB Senate, member  
AUB Strategic Planning Steering Committee, member  
AUB Tenure Design Committee and Workgroup on Faculty Workload, member  
AUBMC Palliative Care Committee, member  
Board of Deans, ex-officio member  
Expanded Advisory Committees, appointed member  
REP Advisory Board, member  
SHARP, member of the Executive Board  
Strategic Health Initiative, member of Steering Committee

**Marina Adra**
AUBMC NS/HSON Joint Committee, member  
Faculty United AUB, member  
General Education Requirement Board, member, since 2013  
University Student Affairs Committee, HSON representative, 2018-19  
Steering Committee on Student Complaints, HSON representative, 2018-19

**Michael Clinton**
Institutional Review Board, Biomedical, alternative vice-chair and member  
Institutional Review Board, Social and Behavioral Sciences, vice-chair

**Nuhad Dumit**
Advisory Board, Faculty of Health Sciences, Beirut Arab University, member  
AUB Senate, elected member  
Ad hoc Senate Committee on Department Chairs at AUB, member  
Committee on the Lives and Careers of Women at AUB, member  
Core Mandatory Elective and Capstone Courses Task Force, AUB Core Curriculum, member  
Evidence-Based Healthcare Management Unit (EHMU), Executive Board member

**Gladys Honein**
Equity & Title IX Working Group, member  
Graduate Studies Committee, HSON representative  
University Publications Committee, Senate Committee, member  
Working Group 5, AUB MSCHE Accreditation, Standard V: Educational Effectiveness Assessment, member

**Lina Kantar**
Sigma Theta Tau International, Chi Iota Chapter, AUB, vice president

**May Khoury**
AUBMC NS/HSON Joint Committee, chair  
AUBMC Pediatrics Educational Council, member  
LEAD Career and Internship Support Committee, member  
Unified Admissions Committee, member  
USAID USP Steering Committee, member

**Angela Massouh**
HSON Dean Search Committee, member  
Nurses Alumni Chapter, American University of Beirut, member  
Sigma Theta Tau International, Chi Iota Chapter, president

**Samar Noureddine**
AUB University Research Board, member  
Board of Graduate Studies of AUB, member, since September 2017  
Faculty Workload policy, member, since October 2017  
Governance Committee, Hariri School of Nursing Chi Iota Chapter, Sigma Theta Tau International, chair, since 2017  
Steering Committee, Accreditation Task Force of AUB, member, since January 2017  
Student Complaints Task Force at AUB, member, since September 2017  
Vascular Medicine Program Council, AUBMC, member, since October 2017  
Working Group VII, Accreditation Task Force of AUB, co-chair, since January 2017  
Regional External Program Steering Committee, member  
Task Force on Interprofessional Education, member
NATIONAL AND INTERNATIONAL COMMITTEES

Huda Abu-Saad Huijer
American Academy of Nursing, international fellow
European Academy of Nursing Science (EANS), fellow and founding member
IASP Insight eNewsletter, Advisory Board member
International Association for the Study of Pain (IASP), member
Lebanese Society for the Study of Pain (LSSP), past president
National Committee on Pain Relief and Palliative Care and Chair Research Committee, vice president
Order of Nurses in Lebanon, Advisory Board member
Sigma Theta Tau International Chi Iota Chapter, AUB, founding president
Special Interest Group on Pain in Children (IASP), founding member

Marina Adra
Armenian Relief Cross, member
Center for Studies in Aging in Lebanon, member
Sigma Theta Tau International Chi Iota Chapter, AUB, founding president
Special Interest Group on Pain in Children (IASP), founding member

Nour Alayan
Lebanese Order of Nurses, member
Nurses Alumni Chapter, AUB, member
Sigma Theta Tau International Chi Iota Chapter, AUB, member

Nour Arevian
Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, member
Armenian Relief Cross in Lebanon (ARCL) Advisory Board, of the Araxi Boulgourgian Socio-medical Health Center, secretary
Armenian Relief Cross in Lebanon (ARCL) Relations and Welfare Committee of the Regional Executive Committee, chair
Armenian Relief Cross in Lebanon (ARCL) Health Committee of the Regional Executive Committee, chair

Sigma Theta Tau International Honor Society of Nursing, Lambda Pi Chapter, member
Sigma Theta Tau, International Honor Society of Nursing, Chi Iota Chapter, former board president, 2015-16

Tamar Avedissian
Admission and Recruitment Committee, member
Order of Nurses in Lebanon, Administrative Committee, member
Sigma Theta Tau International Chi Iota Chapter AUB, Leadership succession committee, member

Hala Darwish
American Academy of Nursing, member
American Congress for Rehabilitation medicine, member
International Organization of MS Nursing, member
Society for Neuroscience, member

Nuhad Dumit
Order of Nurses in Lebanon, president
Scientific Steering Committee, ICN Code of Ethics, member
Sigma Theta Tau International Alpha Kappa, chapter-at-large, member
Western Institute of Nursing, member

Souha Fares
American Physiological Society, member

Laila Farhood
American Psychiatric Nursing Association (APNA), member
American University of Beirut Sigma Theta Tau International Chi Iota Chapter, member
Board of Trustees, Marjayoun National College, member
International Nursing Review (INR), Lebanon’s representative
International Society for Traumatic Stress Studies (ISTSS), member
International Women’s Mental Health Association, member (World Psychiatric Association)
Sigma Theta Tau International, Alpha Chapter, member
Gladys Honein
College of Nurses of Ontario, non-practicing member
North American Primary Care Group (NAPCRG), member

May Khoury
Sigma Theta Tau international Chi Iota Chapter Honor Society of Nursing, member

Angela Massouh
American Association of Critical Care Nurses, member
Association of Cardiovascular Nursing and Allied Professions, at the European Society of Cardiology, member
Heart Failure Association at the European Society of Cardiology, member
Heart Failure Specialists of Tomorrow, European Society of Cardiology, and Nucleus Committee, member
National Association of Clinical Nurse Specialists, member
Sigma Theta Tau International, Chi Iota Chapter, president

Samar Noureddine
American Academy of Nursing, international fellow, since October 2014
American Heart Association, member and international fellow
Council on Cardiovascular Nursing and Allied Health of the European Society of Cardiology, member, since 2005
Global Cardiovascular Nursing Leadership Forum, member, since 2014
Governance Committee of the Chi Iota Chapter, STTI, chair, since 2017
RhO Chapter (University of Michigan School of Nursing) and Chi Iota Chapter (Hariri School of Nursing, AUB), Sigma Theta Tau International, member
Scientific Committee, Order of Nurses in Lebanon, member, 2015-18

Lina Younan
Disciplinary Board of the Order of Nurses in Lebanon, member
Order of Nurses in Lebanon, member
Sigma Theta Tau International, Chi Iota Chapter, AUB, member
VI. LOOKING AHEAD
New Academic Programs: HSON plans to expand its current undergraduate and graduate academic programs and continue to contribute to the development of healthcare in Lebanon by preparing high quality graduates to meet the strong demand schools/colleges of nursing, hospitals, and health services.

- At the undergraduate level, we plan to evaluate and revisit the second degree program to attract more BA/BS graduates.
- The proposal to launch a TS-BSN program at AUB AREC in the Beqaa area is being finalized and will be launched soon.
- At the graduate level, HSON will be launching an online/hybrid MSN track in Nursing Administration and Management. The Nursing Education hybrid track is still under discussion.

Other Developments:
- Student recruitment will continue to be a priority. HSON will continue to award merit scholarships to BSN students.
- More emphasis will continue to be placed on graduate recruitment at the national, regional, and international levels in close collaboration with the AUB Graduate Council.
- Increasing the number of scholarships remains a major priority for HSON and is critical to the success of current and new programs. The establishment of more endowed funds remains a strategic goal for HSON.
- The recruitment of PhD-holder and research-active faculty and filling the endowed chair to direct HSON’s Center for Nursing Research will continue to be a priority.
- HSON will be a major building block of the university’s Health Sciences Campus and Health 2025 vision.