

AMERICAN UNIVERSITY OF BEIRUT

# Annual Report 2016



The baccalaureate and master's programs at the American University of Beirut Rafic Hariri School of Nursing are accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791.

The school is also a full member of the American Association of Colleges of Nursing.

## PREFACE

In 2016, the Hariri School of Nursing (HSN) continued to celebrate 110 years of excellence in nursing education, research, leadership, and service under the motto 'Expanding Boundaries and Enhancing Partnerships'. The HSON also celebrated AUB's 150<sup>th</sup> anniversary, by organizing a number of national and international celebratory events.

A symposium in celebration of International Nurses Day '*Celebrating Nursing Developments; Past and Present Achievements*' took place on May 11, 2016 and hosted a number of local and international speakers. The symposium was followed by a fashion show organized by HSON students.

The second celebratory event was an international nursing research conference '*Development of Evidence-Based Nursing in an Interdisciplinary Era: Achievements & Prospects*'. The conference which took place October 6-8, 2016, was held in close collaboration with a number of partners. It hosted a large number of distinguished nurse leaders and scholars from different disciplines as speakers from the USA, Canada, the Netherlands, Australia, Jordan, and Lebanon.

The third celebratory event took place on October 6, 2016 and was held in close collaboration with the Association of Arab Nursing Faculties (AANF). More than 60 deans of SON in the Middle East attended this meeting to celebrate these milestones with HSON.

I am also happy to announce that the HSON PhD in Nursing Science proposal was approved by the Board of Graduate Studies and the AUB senate. It was also positively reviewed by two external examiners in October 2016. The PhD program will be launched when approved by the BOT and the New York State Department of Education.

On research productivity, we are proud to report that HSON accounts for 85% of Lebanon's and nearly 14% of the Arab world's nursing research output; its faculty are amongst the most productive and impactful nurse researchers in the Arab world. HSON ranked 149 out of 503 schools of nursing offering graduate programs based on U.S. News & World Report Ranking.

The school continues to place emphasis on research and scholarly productivity, teaching excellence, faculty and student recruitment, and on expanding our 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 Director,  
Rafic Hariri School of Nursing



<b>Table of Contents</b>	<b>Page</b>
<b>I. The School of Nursing</b>	
A. Faculty	4
B. Staff	6
C. Recruitment, Appointments	7
D. Accreditation	7
E. 110 <sup>th</sup> Celebrations	7
F. Honors, Awards, and Recognitions	8
G. International Partnerships	8
H. HSON External Advisory Board (EAB)	8
I. Sigma Theta Tau International (STTI) Honor Society	9
J. Summer Nursing Institute	10
K. HSON Newsletter	11
L. HSON Regional External Program	11
<b>II. Faculty Activities</b>	
A. Educational Programs	12
B. Faculty Teaching	13
C. Simulation Technology at HSON	15
D. Student Projects, Theses, Residencies	18
<b>III. Student-Related Activities</b>	
A. Student Enrollment/Scholarships	22
B. Student Recruitment and Marketing	23
C. Student Activities	24
D. Other Student Services and Resources	26
<b>IV. Research and Scholarly Activities</b>	
A. Current HSON Faculty Research	26
B. Scholarly Publications	34
C. Editorial Positions	37
D. Scientific Contributions and Research Grant Reviews	39
E. Scholarly Lectures	40
<b>V. Professional Practice/Service</b>	
A. Professional Practice	43
B. Service	45
<b>VI. Looking Ahead</b>	51

## **I. THE SCHOOL OF NURSING**

### **A. FACULTY**

#### **Director of the School of Nursing - 2003 to present**

Huda Abu-Saad Huijer, RN, PhD, FEANS, FAAN, Professor

#### **Faculty Members**

Lina Abi Fakhr Kantar, RN, EdD, Clinical Assistant Professor

Marina Adra, RN, MS Physiology, PhD, Clinical Assistant Professor; BSN Coordinator

Nour Alayan, RN, MSN, Clinical Instructor, PhD Student on Leave of Absence until August 31, 2016  
returned effective September 1, 2016

Mary Arevian, RN, MPH, Clinical Associate Professor

Tamar Avedissian, RN, MSN, Clinical Instructor

Michael Clinton, RN (CARNA), RGN RPN (AHPRA), PhD, MSc, BA (Hons.), Professor

Silva Dakessian RN, MPH, Clinical Instructor

Danielle Damianos, RN, MSN, Clinical Instructor, February 1, 2016

Hala Darwish, RN, PhD, Associate Professor

Nuhad Dumit, RN, MA, PhD, Associate Professor, CE/Offshore Program Coordinator; Undergraduate  
Division Convener

Souha Fares, PhD, Assistant Professor

Laila Farhood, RN, PhD, CS, Professor and Clinical Associate, Psychiatry Department, Faculty of  
Medicine; Graduate Division Convener

Talin Gulgolian, RN, MSN, Clinical Instructor

Gladys Honein, RN, PhD, Assistant Professor

May Khoury, RN, BSN, MSN, Clinical Assistant Professor

Dina Madi, RN, TD, MA Education, PhD, Clinical Assistant Professor; BA/BS-BSN Coordinator

Angela Massouh, RN, MSN, Clinical Instructor, PhD Student

Samar Nouredine, RN, PhD, FAHA, FAAN, Professor; Assistant Director for Academic Affairs

Lina Younan, RN, MSN, DNP, Clinical Assistant Professor

#### **Visiting Faculty**

Christine Abbyad, RN, PhD, WHNP, Associate Professor of Clinical Nursing, The University of Texas  
at Austin School of Nursing

Ibrahim Fakih, RN, MPH, Nursing Informatics Specialist

#### **Adjunct Faculty**

##### **Continuing**

Patricia Abbott, PhD, RN, FAAN, RN, PhD, Associate Professor, University of Michigan School of  
Nursing, USA

Patricia M. Davidson, Professor and Dean, Johns Hopkins University School of Nursing, USA

Martha Hill, PhD, RN, FAAN, Professor Emeritus, Johns Hopkins University School of Nursing, USA

Shake Ketefian, EdD, RN, FAAN, Professor Emeritus, University of Michigan, USA

Judith Lambton, EdD, MSN, RN, Professor, University of San Francisco, California, USA

Phyllis Sharps, Professor, Associate Dean, Community and Global Programs Johns Hopkins University  
School of Nursing, USA

Elizabeth Tanner, Associate Professor, Johns Hopkins University School of Nursing and Center on Aging and Health, USA

**New**

Debra Barton, RN, PHD, AOCN, FAAN, Mary Lou Willard French Professor of Nursing, University of Michigan School of Nursing

Barbara L. Brush, PHD, ANP-BC, FAAN, Carol J. and F. Edward Lake Term Clinical Professor, University of Michigan School of Nursing

Jacqueline Campbell, PhD, RN, FAAN, Professor, Anna D. Wolf Chair, Johns Hopkins University School of Nursing

Cheryl Dennison, PhD, RN, ANP, FAAN, Associate Professor, Director, Office of Science and Innovation, Johns Hopkins University School of Nursing

Ivo D. Dinov, PhD, Associate Director for Education and Training, University of Michigan School of Nursing

Christopher Frieze, PHD, RN, AOCN, FAAN, Professor, University of Michigan School of Nursing

Nancy E. Glass, PhD, MPH, RN, FAAN, Professor, Associate Dean for Research, Associate Director, Johns Hopkins Center for Global Health, Johns Hopkins University School of Nursing

Janean Holden, PhD, RN, FAAN, Professor, Associate Dean for Research, University of Michigan School of Nursing

Fadia Shaya, PhD, MPH, Professor, University of Maryland School of Pharmacy

Sarah L. Szanton, PhD, ANP, FAAN, Associate Professor, Director, PhD Program, Johns Hopkins University School of Nursing

**Academic Associates**

**Continuing**

Rana Abdel Malak, RN, MPH, Nursing Director, Bellevue Medical Center

Wafa Maalouf, MS, Nursing Director, St. George Hospital

Mona Nasrallah, MD, Associate Professor, AUBMC

Salah Zein El-Dine, MD, Assistant Professor, Director Pulmonary Physiology Laboratory, Director Graduate Medical Education, AUBMC

**New**

Rebecca El-Asmar, RN, MSN, Clinical Nurse Specialist, AUBMC

Janane Hanna, RN, MSN, Clinical Nurse Specialist, AUBMC

**Joint Appointments:**

Michael Clinton with FM Institutional Review Board (IRB) Office as Vice-Chair of the IRB office for the Social and Behavioral Sciences

Hala Darwish with FM/AUBMC as Managing Director of the Abu Haidar Neuroscience Institute

Hanadi Masalkhi with Nursing Services/AUBMC as Clinical Instructor at the Hariri School of Nursing

Angela Massouh with Nursing Services/AUBMC as Cardiology Clinical Nurse Specialist

**Research Associates and Assistants**

Aline Akiki, RN, MSN

Lara Chamaa, MPH

Hiba Deek, RN, MSN, PhD; Research Associate

Suzanne Dhaini, RN, PhD, Research Associate

Julien Dirani, MA

Natalie Farran, MA  
Carmen Hamady, MA  
Naify Ramadan, MA

**Clinical Preceptors**

Joyce Abi Kharma, RN  
Tracy Aghdamalian, RN  
Hala Dagher, RN  
Lamia Eid, RN, MSN  
Samer Al Halabi, RN  
Shadi Halabi, RN  
Aya Hammoud, RN  
Bachir Itani, RN, MSN  
Mohammad Issa, RN, MSN  
Doaa Kamal, RN  
Ahmad Kaskass, RN  
Ali Krayany, RN, MSN  
Murielle Madi, RN, MSN  
Myrna Saadeh, RN, MSN  
Diana Wehbe, RN, MSN  
Rafica Zaatari, RN, MSN

**Graduate Assistants**

Zepur Aharoniam  
Mariam Assaf  
Nay Ezzeddine  
Mohamad Hussein Haidar  
Dounia Iskandarani  
Nour Jabbour  
Aya El Khatib  
Hiba Mawed  
Dina Mouzayyen  
Hanadi Saad  
Ninar Skheita

**B. STAFF**

Mira Abdallah, BS, Administrative & Student Services Assistant  
Ghassan Afram, BSN, TD, MPH, Executive Officer until November 2016  
Patricia Assaf, BA, MBA, Executive Officer/Financial Officer effective December 2016  
Lynn Berbary Najem, BBA, MBA, Student Services and Recruitment Officer  
Rabih Daher, Junior Clerk  
Alaa Fawzi Dika, BS, IT Field Support Technician  
Randa Farha, BSN, MSN, MPH, Simulation and Clinical Competency Center Coordinator  
Nisrine Ghalayini, BA, Graduate Division Administrative Assistant  
Marwa Soubra, BS, MBA, IT Manager, Faculty of Medicine and Hariri School of Nursing  
Jeanette Zeinati, Secretary

## C. RECRUITMENT, APPOINTMENTS

### 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, at the American Academy of Nursing (AAN), in the *Chronicle of Higher Education*, at Sigma Theta Tau Nursing International (STTI), at the American Association of Colleges of Nursing (AACN), in *Minority Nurse*, and at the Royal College of Nursing (RCN). Recruitment information is also mailed to leading schools of nursing, professional organizations, and to mailing lists in the United States and Europe.

### Appointments

Hera Tashjian, RN, MSN, CCNS, clinical instructor

## D. ACCREDITATION

### 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.
- The revised MSN program based on the Masters Essentials was approved by the Board of Graduate Studies at AUB and by CCNE and submitted to the Department of Education in New York State for approval.
- HSON continues to be a regular member of the American Association of Colleges of Nursing.

## E. 110th CELEBRATIONS

In 2015, HSON celebrated its 110th anniversary under the motto “Expanding Boundaries and Enhancing Partnerships.” The school organized a number of activities including public lectures by prominent alumni of the school and roundtable discussions with deans and directors of schools of nursing from Lebanon and the region. Discussion focused on possible research collaboration based on the WHO established research priorities and on initiating meetings with directors of hospitals and nursing services in Lebanon to promote and enhance the position of advanced practice nurses in Lebanon.

In 2016, HSON continued to celebrate 110 years of excellence in nursing education, research, leadership, and service and AUB’s 150<sup>th</sup> anniversary by organizing a number of national and international celebratory events.

A symposium in celebration of International Nurses Day ‘*Celebrating Nursing Developments; Past and Present Achievements*’ took place on May 11, 2016 and hosted a number of local and international speakers. The symposium was followed by a fashion show organized by HSON students and a reception.

The second celebratory event was an international nursing research conference ‘*Development of Evidence-Based Nursing in an Interdisciplinary Era: Achievements & Prospects*’. The conference which took place October 6-8, 2016, was held in close collaboration with a number of partners and hosted a large number of distinguished nurse leaders and scholars from different disciplines from the USA, Canada, the Netherlands, Australia, Jordan, and Lebanon.

The third celebratory event took place on October 6, 2016 and was held in close collaboration with the Association of Arab Nursing Faculties (AANF). More than 60 deans of SON in the Middle East attended this meeting to celebrate these milestones for HSON.

## **F. HONORS, AWARDS, AND RECOGNITIONS**

Dr. Huda Abu-Saad Huijer appointed Honorary Member, International Association for the Study of Pain (IASP) for outstanding contribution to the fields of pain research and management, 2016.

Dr. Huda Abu-Saad Huijer was inducted into the International Nurse Researcher Hall of Fame of Sigma Theta Tau International (STTI) Honor Society, 2016.

Dr. Huda Abu-Saad Huijer continues to be a member of the Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP).

Dr. Nuhad Dumit elected President of the Lebanese Order of Nurses.

## **G. INTERNATIONAL PARTNERSHIPS**

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

- Johns Hopkins University School of Nursing
- University of Michigan School of Nursing
- Villanova University College of Nursing
- University of Maryland School of Nursing
- University of Science and Technology, Sydney, Australia

## **H. HSON EXTERNAL ADVISORY BOARD (EAB)**

### **Mandate and Purpose of the EAB**

The External Advisory Board of the Rafic Hariri School of Nursing consists of invited members from leading universities engaged in baccalaureate and graduate nursing education and research, leaders of nursing and health care institutions, and dignitaries with established track records in related fields. The EAB advises the director by serving as a bridge between HSON and the international nursing community.

### **Purpose of the EAB:**

- To provide strategic advice relevant to current and proposed initiatives of HSON and provide feedback on the progress of the school against its strategic goals.
- To assist HSON in realizing its mission by promoting it to organizations and individuals with the potential to contribute to student scholarships, research, and faculty development.
- To encourage HSON in its developments of nursing education and nursing research especially as they relate to CCNE accreditation, international benchmarking, and opportunities for collaborative funded research, doctoral studies, and student and faculty exchanges.
- To promote the continued dialogue between HSON and the professional community with the goal of improving academic program quality and societal relevance.
- To advise on marketing and public relations opportunities to improve the status of the profession and student recruitment.



## **Members**

- Dr. Martha N. Hill; Dean Emerita. Professor of Nursing, Medicine and Public Health, Johns Hopkins University, School of Nursing (Chair)
- Dr. Walid Ammar, Director General, Ministry of Health (MOH)
- Dr. David Benton, CEO, International Council of Nurses (ICN)
- Dr. Louise Fitzpatrick, Connelly Endowed Dean and Professor, College of Nursing, Villanova University
- Former First Lady Mrs. Mona Hrawi
- Dr. Hester C. Kloppe, Former President Sigma Theta Tau International Honor Society of Nursing
- Dr. Rowaida Al-Maaitah Advisor to HRH princess Muna Al Hussein for Health and Community Development, Former Minister of Higher Education and Scientific Research, Professor at Jordan University of Science and Technology.
- President of the Lebanese Order of Nurses, Dr. Nuha Dumit

The HSON EAB was consulted through its chair Dr. Martha Hill on the PhD in Nursing Science Proposal and on the proposal for achieving Faculty Status for HSON.

## **I. SIGMA THETA TAU INTERNATIONAL (STTI) HONOR SOCIETY**

The Hariri School of Nursing American University of Beirut Nursing Honor Society was approved and chartered as an official chapter of the Honor Society of Nursing, Sigma Theta Tau International (STTI), on Saturday September 13, 2014. The Chi Iota Chapter was officially recognized by Sigma Theta Tau International at the 43<sup>rd</sup> Biennial Convention of STTI November 7-11, 2015 in Las Vegas, USA.

The Chi Iota chapter currently has 173 members; 131 were inducted during the chartering ceremony in September 2014, 23 were inducted in May 2015 and 19 were inducted in May 2016. Membership in STTI continues to be by invitation and is extended to undergraduate students, graduate students, faculty, and professional nurses who have demonstrated superior scholastic, leadership, and nursing achievements. STTI is a not-for-profit organization whose mission is to improve the health of people worldwide through leadership and scholarship in practice, education, and research. Founded in 1922, this organization's members include practicing nurses, faculty, researchers, policymakers, entrepreneurs, and others.

The HSON Chi Iota Chapter is the first STTI chapter in the Middle East.

The board of the Chi Iota Chapter is as follows:

- A. President : Mrs. Mary Arevian
- B. President- elect: Dr. Dina Madi
- C. Vice president : Mr. Ghassan Afram
- D. Treasurer: Dr. Hiba Deek
- E. Secretary: Mrs. Bahia Abdallah El-Moufti
- F. Counselor: Dr. Lina Kantar

## **J. SUMMER NURSING INSTITUTE**

For the nine year in a row, HSON organized a Summer Nursing Institute which offered courses of interest to MSN and other AUB students – and also to other students from Lebanon and the region. Below are short course descriptions and the names of the teaching faculty.

### **Recent Advances in Simulation**

May 30-June 3

Healthcare simulation has followed the general patterns set forth by aeronautical and aviation research: that is, how to “practice” for events that can have devastating consequences. In the past ten years, simulation has been employed at universities to teach nursing and medical students, in healthcare settings to allow clinical practice, and as a solution to issues of patient safety.

This asynchronous on- line course will review the current “gold” standard in simulation strategies to engage the learner to think “outside the box”. Multiple teaching/learning techniques will be included that range from direct “lecture” via power point, to video on the internet.

Dr. Judith Lambton, EdD, MSN, RN

University of San Francisco, USA

### **Evidence Based Practice: Cardiovascular Health Promotion and Disease Prevention**

June 6-10

Chronic illnesses (heart disease, stroke, cancer, diabetes and chronic respiratory diseases) challenge the welfare of individuals and health care systems across the world, being the leading cause of morbidity and mortality in developed and many developing countries. The global burden of chronic illness provides unique implications for evidence based practice (EBP) relevant to self-care in primary secondary and tertiary prevention. The course focuses on health care interventions globally requiring responsive and targeted nursing interventions within an interdisciplinary context. This course will provide a review of contemporary epidemiology, a review of evidence-based strategies and the importance of different research methodologies that can provide support for EBP in addressing the needs of individuals and communities. A seminar format with active student participation will be used to actively engage participants in the learning process.

Dr. Erika Froelicher, RN, MA, MPH, PhD, FAAN

Professor Emeritus, University of California San Francisco, USA

### **Creating the conditions for the integration of care, training and research: a primer for nurse managers and leaders**

July 20-22 and 25-26

The integration of patient care, training and research is a critical component of an evidence informed and modernized healthcare system.

What models can be used to encourage the integration of care, training and research? How do we balance accountability, evidence informed care, and innovation? This course will provide future nurse leaders and managers with an overview of principles, issues, approaches and relevant literature to consider in practice.

Tina Saryeddine, PhD, MHA, CHE

Executive Director, Research and Innovation, Health Care CAN, Canada

## **Smoking Cessation as an Example of Behavior Modification**

July 18-22

Many people wish to change their own behavior or that of other individuals or groups of people. This course will present smoking cessation as an example of a behavior modification program. Included will be a brief review of behavior modification theory in addition to the evidence for why certain elements should be included in such a program.

Christine Weir Abbyad, PhD, RN, WHNP

Associate Professor in Clinical Nursing, The University of Texas at Austin, USA

## **K. HSON NEWS LETTER**

HSON issue Number 5 was circulated in February 2016. The newsletter included: a message from HSON Director, important HSON and faculty news, Chi Iota Chapter Activities, and interviews with new faculty.

## **L. HSON REGIONAL EXTERNAL PROGRAMS**

The Hariri School of Nursing (HSN) in collaboration with the Continuing Education Center of the office of Regional External Programs (REP) provided four specialized courses to the Registered Nurses in the United Arab Emirates. These offerings were part of an agreement that was signed between AUB REP and “The United Arab Emirates Ministry of Health” with the aim of supporting Nursing training and education.

During the period of December 2015 and January 2016, a total of 161 participants from different hospitals and health care centers in Dubai attended the below courses:

- “Physical Health Assessment workshop for Registered Nurses” provided by Dr. Dina Madi and Mrs. Tamar Avedissian
- “Critical Care Course for registered Nurses” provided by Ms. Angela Massouh, Mrs. Lamia Eid and Mrs. Sabath Jamous
- “Update in Pediatric Nursing Care Course” Provided by Mrs. May Khoury and Mrs. Talin Gulgulian
- “Emergency Obstetrics” provided by Dr. Dina Madi and Mrs. Talin Gulgulian
- And “Nephrology Course” provided by Dr. Samar Nouredine and Mrs. Sylva Dakessian

Each course was provided over a period of three to seven days. Some of them were repeated twice to accommodate the higher number of nurses. Different teaching methods were used by the faculty members such as: case scenarios, role plays, simulation sessions, hands on activities and videos. The variety of the teaching methods made these series of continuing education offerings fruitful and highly interactive.

Furthermore, on December 5, 2016, Dr. Gladys Honein was invited through REP to speak at the UAE “Primary Healthcare Nursing Conference: The Way Forward” and presented a session on “The Transformative Roles of the Primary Health Care Nurse “.

## **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. There was no need to divide junior year courses into 2 sections due to reasonable class sizes.

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 51 students were enrolled October 2016 in the MSN program.

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.

The revised MSN curriculum was implemented effective spring semester 2015-16.

A number of students undertook residencies at Johns Hopkins University and the University of Maryland.

A total of 22 students were inducted in the HSON Chi Iota Chapter spring 2016.

Town meetings were held to discuss student concerns, residencies, projects, and comprehensive exams. Information on the specific tracks is shown below.

#### **Adult Gerontology Clinical Nurse Specialist track:**

A total of 6 students graduated in 2016.

A total of 18 students were enrolled October 2016.

Two adult care students did their residencies at the University of Maryland, and 4 at AUBMC.

One MSN student in the adult Gerontology Clinical Nurse Specialist track successfully completed the Scholars in Health Research Program (SHARP) in the summer of 2016.

#### **Nursing Administration and Management track:**

A total of 6 students graduated in 2016.

A total of 32 students were enrolled October 2016.

Students in the Nursing Administration and Management track completed residencies at Johns Hopkins University (1), AUBMC (1), Bikhazi Medical Center/ Medical Group (2), and Bellevue Medical Center (1).

One MSN student successfully completed the SHARP program in summer 2016

#### **Psychiatry and Mental Health Clinical Nurse Specialist track:**

Two students graduated in 2016

A total of four students were enrolled October 2016

#### **Community and Public Health Nursing track:**

One student graduated in 2016.

A total of 7 students were enrolled October 2016.

One student is undertaking a double major in Community and Public Health Nursing and Psychiatry and Mental Health Nursing

Two students completed a double major in Community and Public Health Nursing, and Adult Care Nursing.

### **PhD Program:**

HSOON prepared and submitted a PhD proposal in close collaboration with the Faculties of Health Sciences and Medicine and with international partners, namely, Johns Hopkins University School of Nursing and the University Of Michigan School Of Nursing. The doctoral program aims to provide rigorous training for research careers in nursing and the health care arena. 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 to be able to translate research findings into healthcare practice.

The PhD proposal was approved by HSOON Graduate Division, Graduate Studies Committee, HSOON External Advisory Board, Board of Graduate Studies, and the AUB senate. It was also positively reviewed by two external examiners approved by the New York State Department of Education. The PhD program will be launched when approved by BOT and the Department of Education in New York State.

## **B. FACULTY TEACHING**

### **Spring semester 2016**

<b>Course Number</b>	<b>Course name</b>	<b>Credits</b>	<b>Faculty</b>
NURS 200	Introduction to Nursing	2	L. Younan
NURS 201	Introduction to Nursing Practice	2	L. Kantar
NURS 202	Health Assessment	2	D. Madi, T. Gulgulian
NURS 203	Biostatistics for Nurses	3	S. Fares
NURS 302	Nursing Care of Adults II	5	M. Adra, S. Sailian
NURS 306	Nursing Care of the Children	5	M. Khoury, D. Madi, T. Gulgulian, T. Avedissian, D. Damianos
NURS 402	Mental Health and Psychiatric Nursing	5	L. Farhood, H. Masalkhi
NURS 408	Community Health Nursing	5	M. Arevian, G. Honein, T. Avedissian
NURS 410	Leadership & Management Theory	5	L. Younan, A. Massouh, T. Avedissian
NURS 411	Leadership & Management Practicum	0	A. Massouh, L. Younan, D. Damianos, S. Sailian
NURS 502	Advanced Nursing Research	3	H. Darwish, S. Fares
NURS 503	Advanced Health Assessment	3	S. Nouredine
NURS 505	Advanced Practice in Adult Care	4	S. Nouredine, H. Darwish
NURS 508	Advanced Practice in Nursing Administration	4	N. Dumit, H. Huijer, L. Younan
NURS 509	Role Development in Nursing Education	3	L. Kantar
NURS 519	Clinical Residency in Acute	4	L. Farhood

	Psychiatric Care		
NURS 520	Managing Quality with Teams	3	N. Dumit
NURS 522	Principles and Practice of Community/Public Health Nursing	3	M. Arevian, G. Honein
NURS 530	Statistical Reasoning and Application in Nursing Research	2	S. Fares
NURS 531	Practical Applications of Budgeting in Nursing	1	L. Younan
NURS 598	Project	3	M. Arevian, M. Clinton, N. Dumit, L. Farhood, H. Darwish, G. Honein, H. Huijer, S. Nouredine, L. Younan

### Summer 2016

Course number	Course name	Credits	Faculty
NURS 210	Pathophysiology	2	A.Massouh
NURS 307	Practicum I	0	T. Gulgulian, D. Damianos, M. Masalkhi, S. Sailian
NURS 506	Advanced Practice in Adult Care II	4	S. Nouredine, H. Darwish
NURS 508	Advanced Practice in Nursing Administration	4	N. Dumit, G. Honein, H. Huijer, L. Younan
NURS 598	Project	3	S. Nouredine

### Fall semester 2016

Course Number	Course name	Credits	Faculty
NURS 200	Introduction to Nursing	2	L. Younan
NURS 300	Nursing Care of Adults I	5	M. Adra, L. Kantar, N. Alayan, S. Sailian
NURS 304	Nursing Care of the Expectant Family	5	D. Madi, M. Khoury, T. Avedissian, D. Damianos, T. Gulgulian
NURS 406	Nursing Research	3	S. Fares, G. Honein
NURS 404	Nursing Informatics	2	I. Fakih
NURS 400	Critical Care Nursing	4	A.Massouh, S. Sailian
NURS 402	Mental Health and Psychiatric Nursing	5	L. Farhood, H. Masalkhi
NURS 408	Community Health Nursing	5	M. Arevian, G. Honein, T. Avedissian
NURS 500	Nursing Theory	2	M. Clinton
NURS 501	Foundations of Advanced Nursing Practice	2	L. Farhood
NURS 504	Advanced Pathophysiology	3	S. Nouredine, H. Darwish
NURS 505A	Advanced Practice in Adult Gerontology I	4	S. Nouredine, H. Darwish
NURS 506	Advanced Practice in Adult Care II	4	S. Nouredine
NURS 508	Residency in Nursing Administration	4	N. Dumit

NURS 523	Advanced Community Assessment and Interventions	3	M. Arevian, G. Honein
NURS 524	Residency in Community Health Nursing	4	M. Arevian
NURS 527	Developing Health Services Programs	3	N. Dumit
NURS 598	Project	3	M. Clinton, N. Dumit, H. Darwish
IPEC 300	Inter-professional Education	1	M. Adra, H. Darwish, N. Dumit, G. Honein, L. Kantar, A. Massouh, S. Nouredine

### C. SIMULATION TECHNOLOGY at HSON

During 2016, the Simulation and Clinical Competency Center (SCCC) provided 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), medical students, residents, faculty members and nurses from AUB and elsewhere (non-HSON users).

This year all undergraduate nursing courses integrated simulation in their training and most of them included an objective structured clinical examination (OSCE) as part of the course assessment of clinical skills.. Additionally, more simulation scenarios were developed by faculty using a range of simulation modalities.

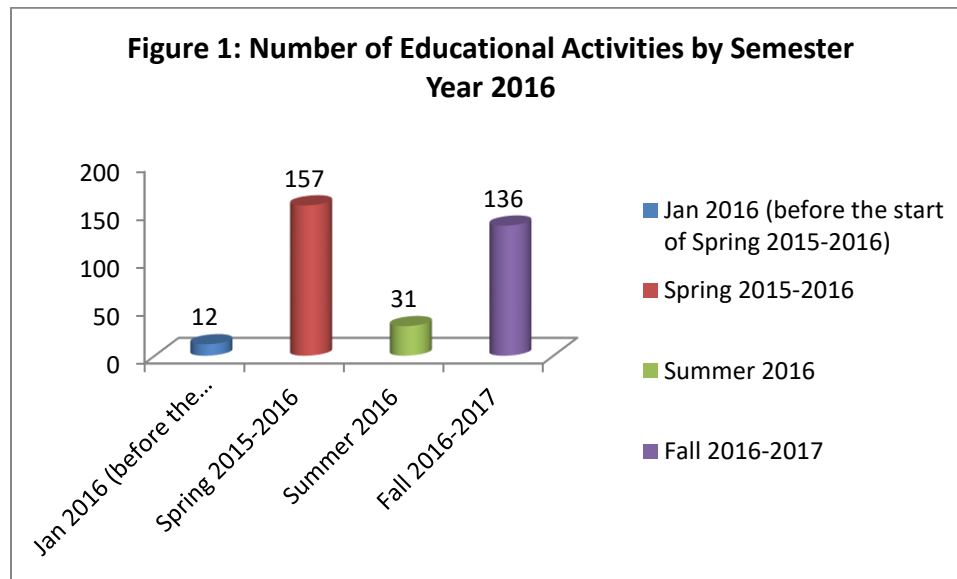
The SCCC continued to support non-nursing AUB/AUBMC users. This year more medical residents from different AUBMC specialties such as emergency, obstetrics and family medicine were scheduled for high-fidelity and skill training. There was an increase in use of the simulation facility by AUBMC this year to address clinical performance issues. Specifically, two “In situ simulation” programs, or simulation that is physically integrated into the clinical environment, were established to serve as adjuncts to the quality and system improvements initiatives at AUBMC Obstetrics and Emergency Departments.

In addition, and with the assistance of the nursing faculty, the SCCC developed and implemented a 5-day simulation-based train-the-trainer course (February 29 - March 4, 2016). The course covered the essential skills for teaching with simulation. The trainees were faculty from Ibn Sina College of Health Sciences, Palestine.

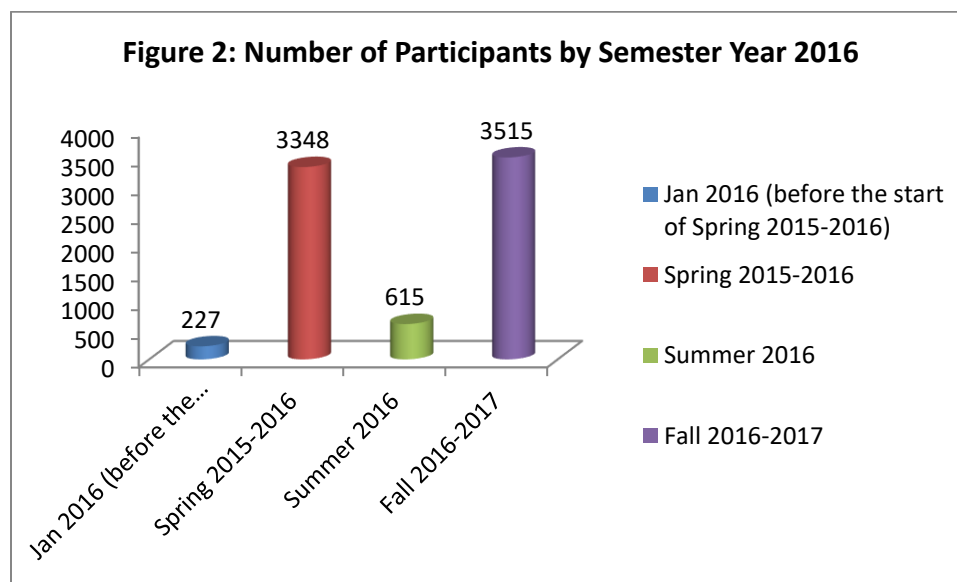
#### **The figures below summarize activities done at the SCCC by semester**

For the year 2016, SCCC supported 336 activities or simulation training experiences and 7,705 participants, including HSON and Non-HSON users.

The spring semester had the highest number of activities (47%) and the fall had the highest number of users (46%) (Figure 1 and figure 2 respectively).



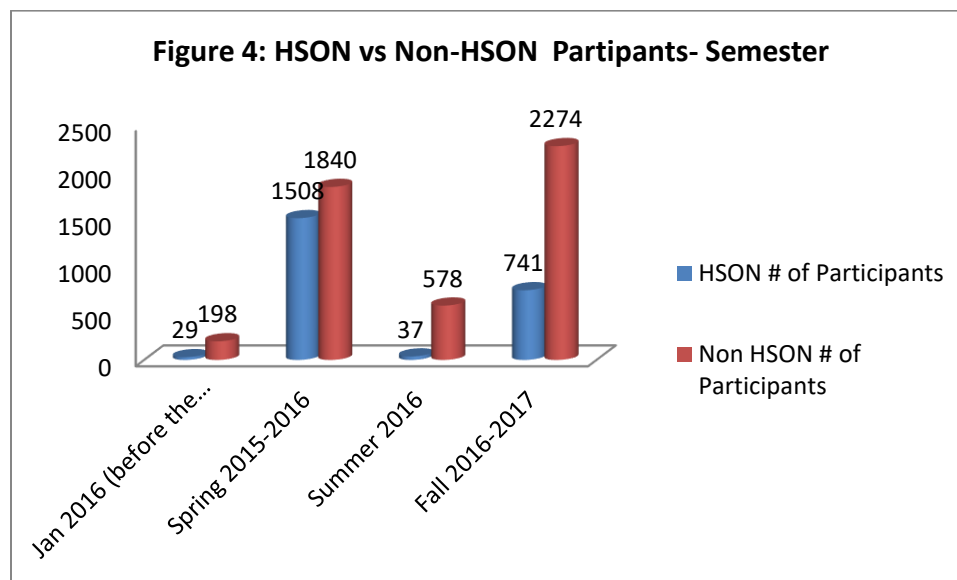
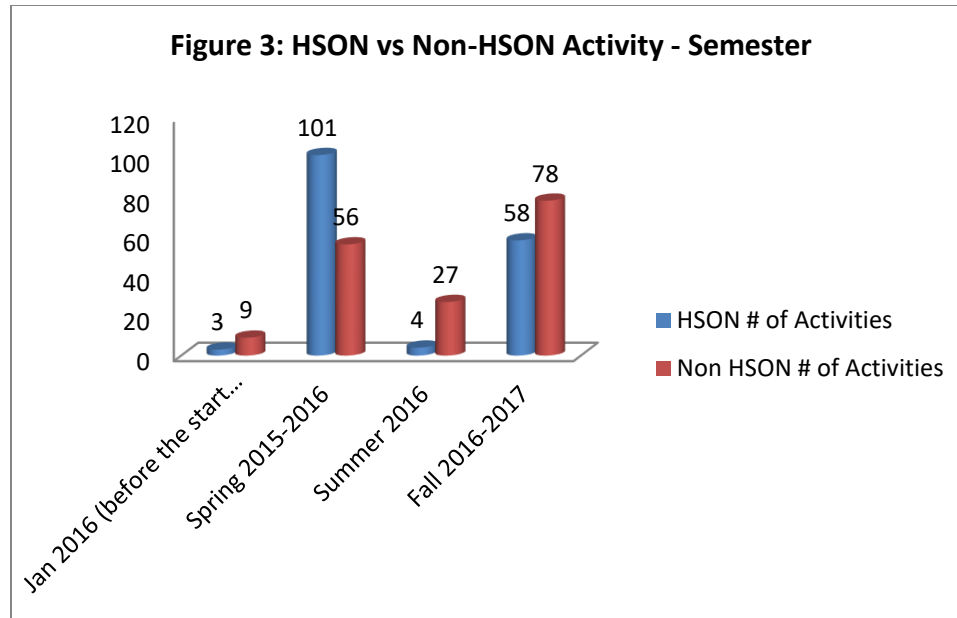
Legend: Educational Activity: each time the lab is utilized regardless of the objectives or content of the learning/teaching that is occurring.



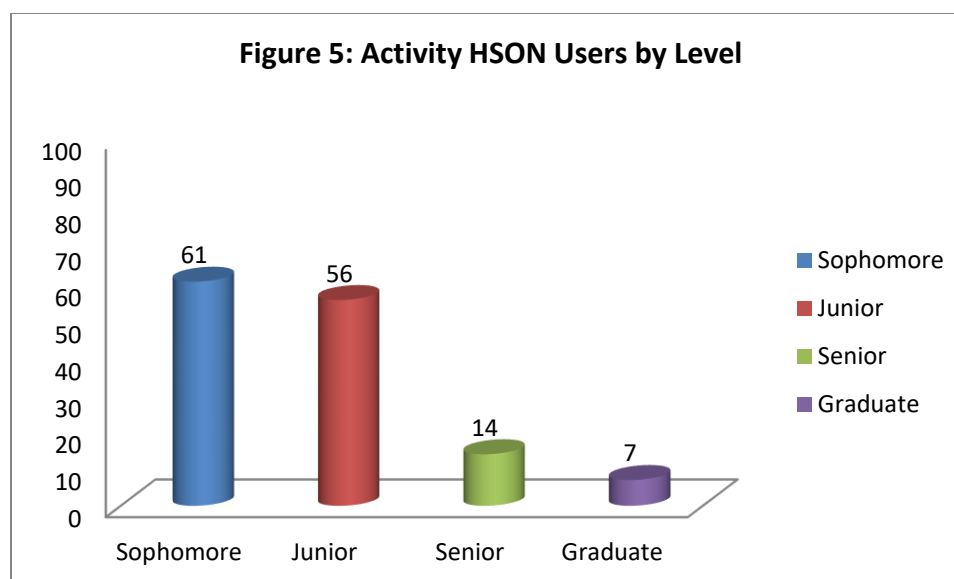
Legend: Participant: a person using the lab whether student, resident, nurse, or employee from AUB/AUBMC community or outside.

During the spring semester, 64% of all activities were conducted by HSON users. In contrast, Non-HSON users had 57% of all activities in the fall (figure 3). All through the semesters, Non-HSON users outnumbered nursing (around 100 students are enrolled in 1<sup>st</sup> and 2<sup>nd</sup> year medicine classes). In the summer, the lab continued to receive more Non-HSON users, as medicine end their semester later than nursing (see figure 4).





From the graphs below (figure 5), the use of the facility by HSON decreases from sophomore to senior years. In the MSN program, the SCCC is only used in the advanced assessment course (N503). There were a total of 7 activities in this course this past year.



Legend: Sophomore includes N201 Fundamentals of Nursing Practice and N202 Health Assessment; Junior includes N300 Nursing Care Of Adults I, N302 Nursing Care Of Adults II, N304 Nursing Care of the Expectant Family; N306 Nursing Care of Children and N307 Practicum I; Senior includes N400 Critical Care Nursing, N402 Mental Health and Psychiatric Nursing, N408 Community Health Nursing and N410 Leadership and Management in Nursing.

#### **D. STUDENT PROJECTS, THESES, RESIDENCIES**

##### **MSN STUDENT PROJECTS AND THESES**

<b>Name</b>	<b>Track</b>	<b>Defense Date</b>	<b>Project or Thesis</b>	<b>Project title</b>	<b>Project/Thesis Committee</b>
Ali Krayani	Adult Care Nursing	12-Dec-16	project	Post-Stroke Depression : A screening protocol for AUBMC	Dr. Hala Darwish; Dr. Laila Farhoud
Mohamad Haidar	Adult Care Nursing	7-Sep-16	project	Survey Of Paramedic Personnel On Attitudes And Practices Related To Resuscitation Of Out Of Hospital Cardiac Arrest Victims In Lebanon	Dr. Samar Nouredine; Dr. Mazen El Sayed
Nada Haidar	Nursing Administration	30-Nov-16	project	Developing a Nursing Research Policy for the Order of Nurses in Lebanon	Dr. Nuhad Dumit; Dr. Michael Clinton
Siham Sleiman	Community and Public Health Nursing	01-Jun-16	project	Protocol For Prevention Of Falls Among Older Adults In Community Settings	Dr. Samar Nouredine; Mrs. Mary Arevian

Abed Al Wahab Al Firikh	Adult Care Nursing	11-Apr-16	Project	Development of an Evidence Based Clinical Pathway for Patients With Aneurysmal Subarachnoid Hemorrhage	Dr. Hala Darwish; Dr. Samar Nouredine
Mohamad Abbas	Nursing Administration	25-Apr-16	Project	Bedside Report: A Patient-Centered Approach to Intershift Handoff	Dr. Lina Younan; Dr. Nuhad Dumit
Hana'a Abdul Salam	Nursing Administration	22-Apr-16	Project	Predictors of resilience among registered nurses at three private hospitals in south Lebanon	Dr. Nuhad Dumit; Dr. Michael Clinton
Joyce Abi Kharma	Adult Care Nursing	25-Apr-16	Project	Improving Nutritional Status in Head and Neck Cancer Patients: A Clinical Guideline	Dr. Samar Nouredine; Dr. Hala Darwish
Nour Jabbour	Psychiatric Mental Health Nursing	22-Apr-16	Project	Designing a Workshop on a Mental Health Toolkit for Media Professionals	Dr. Laila Farhood; Dr. Gladys Honein
Murielle Madi	Nursing Administration	21-Apr-16	Project	"In at the deep end" - A preliminary analysis of focus group discussions with novice nurses in Lebanon	Dr. Michael Clinton; Dr. Dina Madi
Najla Moufarrej	Adult Care Nursing	20-Apr-16	Project	Chemotherapy and Cognitive Function; an Educational Program for Nurses	Dr. Hala Darwish; Dr. Huda Huijer
Dina Mouzayen	Psychiatric Mental Health Nursing	27-Apr-16	Project	Designing an Evidence Based Advanced Practice Psychiatric Nurse Led Breast Cancer Support Group	Dr. Laila Farhood; Dr. Myrna Dumit
Hana Sahyouni	Community and Public Health Nursing	27-Apr-16	Project	Advanced Public Health Nursing: A Guiding Practice Model	Mrs. Mary Arevian; Dr. Lina Kantar
Farah Salhab	Nursing Administration	22-Apr-16	Project	Discharge Planning Policy for Adult Oncology Patients	Dr. Michael Clinton; Dr. Arafat Tfaily
Mariam Shatila	Community and Public Health Nursing	27-Apr-16	Project	Training Primary Health Care nurses on Breast Cancer Screening Awareness	Mrs. Mary Arevian; Dr. Lina Kantar
Hayat Zaatar	Adult Care Nursing	20-Apr-16	Project	Quality Improvement of Interdepartmental Patient Handoff Involving Adult	Dr. Gladys Honein; Dr. Lina Younan

				Patients on High Alert Medications	
Aida Zeaiter	Adult Care Nursing	11-Apr-16	Project	An Evidence Based Protocol For Skin Management of Breast Cancer Patients Receiving Radiation Therapy	Dr. Samar Nouredine; Dr. Fadi Geara
Hasmig Tchapanian	Nursing Administration	03-Feb-16	Project	Fatigue And Turn Out Among AUBMC Bedside Nurses	Dr. Michael Clinton; Dr. Souha Fares
Sabbagh Rachelle	Psychiatric Mental Health Nursing	29-Jan-16	Project	Borderline Personality Disorder : A Proposed Workshop To Empower Psychiatric Nurses And Other Mental Health Professionals	Dr. Laila Farhood; Dr. Gladys Honein

### MSN STUDENT RESIDENCIES

Name	Track	Residency Term	Residency Supervisor	Residency Site	Preceptor	Preceptor title
Lina Ahmadieh	Nursing Administration	Summer 2015-2016	Lina Younan	1st: AUBMC; 2nd:EHMU	1: Zeinab Mallah; 2: Miss Nour Hassan	1:Nursing Quality Officer - 2: EHMU coordinator
Shadi Al Halabi	Nursing Administration	Summer 2015-2016	Nuhad Dumit	AUBMC	Maya Nizam	Executive Assistant-Nursing Administration
Mariam Al Sabae	Nursing Administration	Spring 2015-2016	Lina Younan	AUBMC Radiation Oncology	Chirine Chehab	Clinical Department Administrator - Radiation Oncology
Ala'a Awwad	Adult Care Nursing	Summer 2015-2016	Hala Darwish	AUBMC	1: Janane Hanna- 2: Rebecca El Asmar; 3: Dr Raja Sawaya	1:Clinical Nurse Specialist II; 2:Clinical Nurse Specialist II; 3:Professor of Clinical Specialty
Rayane Cheikh	Nursing Administration	Spring 2015-2016	Michael Clinton	AUBMC	Yara Abou Harb	Deputy Director for Patient Affairs
Fatima Chreif	Nursing Administration	Spring 2015-2016	Nuhad Dumit	AUBMC quality control in the surgery department	Rayane Islambouli	Surgical Quality Improvement & NSQIP Coordinator
Ahmad	Nursing	Summer	Honein	AUBMC	Diala Abu	Administrator

Ghaddar	Administration	2015-2016	Gladys	Private clinic administration	Daher	Specialty Clinics and Call Center
Grace Hakim	Adult Care Nursing	Fall 2016-2017	Samar Nouredine	University of Maryland Shock and Trauma center	Carla A Aresco	Nurse practitioner, Senior Clinical Program Manager
Lynda Hashem	Nursing Administration	Summer 2015-2016	Honein Gladys	Children's Heart Center, outpatient department AUBMC	1: Rasha Talhouk; 2: Mrs Maria Atoui El Hajj	1: Executive assistant; 2: Development & Brave Heart Fund administrator & patients relation coordinator
Yara Hazouri	Nursing Administration	Summer 2015-2016	Huda Abu-Saad Huijer	Johns Hopkins Medical Institute - Charlotte Bloomberg Children's Center	Marybeth Vidunas.	Pediatric Nurse Educator
Rony Merhi	Nursing Administration	Summer 2015-2016	Nuhad Dumit	AUBMC	Maya Nizam	executive assistant of the nursing administration
Reem Salem	Adult Care Nursing	Fall 2016-2017	Samar Nouredine	1st:AUBMC – ER + Transfer Center; 2nd:AUBMC – Critical Care 3: Ain Wazain Nursing Home	1: Lamia Eid ; 2: Sabath Jamous; 3: Dr. Husam Ghosn	1: Case Manager; 2: Clinical Nurse Specialist 3: Gerontologist
Victoria Semaan	Adult Care Nursing	Fall 2016-2017	Samar Nouredine	AUBMC	1: Angela Massouh; 2:Rafika Zaatari	1: Heart Failure Clinical Nurse Specialist ; 2:Clinical Educator
Roula Shehadeh	Nursing Administration	Fall 2016-2017	Michael Clinton	1st: Belle Vue Medical Center; 2nd: AUBMC Nursing Quality	1: Rana AbdelMalak; 2:Ms. Zeinab Mallah	Director of Nursing

				Department		
Mona Shorba	Nursing Administration	Summer 2015-2016	Lina Younan	AUBMC	Ms. Nada Nassar	Nurse Quality Manager
Wafaa Skaf	Nursing Administration	Spring 2015-2016	Michael Clinton	AUBMC nursing quality department	Ms Nada Nassar	quality manager
Siham Sleiman	Community and Public Health Nursing	Fall 2016-2017	Mary Arevian	University of Maryland	1: Jodi Berg-Gaither; 2:Lauren Schroeder	1: CRNP, Emergency Medicine Medical Center ; 2:MS, CRNP – maternity leave Senior Nurse Practitioner Emergency Medicine

### III. STUDENT- RELATED ACTIVITIES

#### A. STUDENT ENROLLMENT/SCHOLARSHIPS

- The total number of applicants to the BSN program for 2016-17 was 356; the total number of accepted students was 182 and the total number who confirmed their enrollment was 65. This includes 3 students accepted as early admissions, 1 transfer student from outside AUB, 4 transfer students from within AUB, 3 sponsored by USAID fund, and 2 students working for a second degree.
- The total number of applicants to the MSN program for 2016-17 was 38; the total number of accepted students was 35 and the total number who confirmed their enrollment was 19.
- A total of **47** interviews were conducted with new BSN students, **36** were recommended for scholarships, and **31** enrolled. This scholarship is still attracting students who select a nursing major as their 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> choice in their application.
- The table below shows the student enrollment for the last five years:

	BSN					MSN				
	2012-13	2013-14	2014-15	2015-16	2016-17	2012-13	2013-14	2014-15	2015-16	2016-17
Applied	287	285	349	341	356	40	38	47	31	38
Acceptance	151	141	179	186	182	38	33	42	28	35
New Enrolled	72	64	70	55	65	16	26	23	12	19
Yield	48%	45%	39%	30%	36%	42%	79%	55%	43%	54%
Committed	52	52	54	39	55	16	26	22	12	18
Total Enrollment	168	167	185	172	163	52	60	60	55	51
Female	80%	81%	77%	72%	68%	77%	77%	75%	85%	88%
Male	20%	19%	23%	28%	32%	23%	23%	25%	15%	12%
Lebanese	90%	84%	81%	81%	79%	92%	93%	85%	93%	90%
International	10%	14%	19%	19%	21%	8%	7%	6%	7%	10%
BSN /MSN Graduates	31	35	40	40		17	10	17	16	

## 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 2015 included various activities:

- **Graduate Open House:** HSON participated on February 3, 2016 in the Graduate Open House organized by the Graduate Council to promote graduate programs. Similar to previous years, few applicants interested in the MSN program attended the open house.
- **School visits:** The HSON team visited 22 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.
- **AUB Annual School Fair:** HSON participated in the AUB Annual School Fair for undergraduate programs in April 2016.
- **AUBMC Open House:** On the 18<sup>th</sup> of May, HSON participated in the AUBMC open house to recruit nurses from all over Lebanon. The Student Services Officer (SSO) had a booth for the MSN program and Dr. Samar Nouredine presented the MSN program requirements.
- **Orientation for new nurses at AUBMC:** During the orientation for new nurses in February, March, May, August, October and December 2016 at AUBMC, Dr. Nouredine and Mrs. Berbary presented the MSN program requirements. This presentation became part of the orientation program organized by the CPDC.

- **Marketing and promotion of HSON academic programs** is done also through:
  - Social media: Facebook, LinkedIn, Utube, website
  - Keystone Academic Solutions portal: to recruit students for graduate studies
  - 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. In 2016, we enhanced the features of the HSON programs display on Nursing CAS to become more attractive. The result was that we received more than 230 applications that are still being processed for Fall admissions 2017-18.
  - Big choice portal: to recruit students from Asia, Africa, and South America, for undergraduate and graduate programs.
- **High School student's visits to HSON:** Interested students from Lycee Abdel Kader and ACS visited the school of Nursing. The SSO provided information on the BSN program and FA/scholarships available.

### C. STUDENT ACTIVITIES

Nursing students were involved in different community projects and activities in their Community Course and in events organized by the Nursing Students Society (NSS) in 2016:

- **New Student Orientation:** During the orientation of newly enrolled students, some undergraduate and graduate students provided testimonials and success stories about the nursing profession.
- **Student recruitment:** Some BSN students were involved in school visits with the student services officer. These students contacted the school they graduated from and went there to promote the AUB HSON nursing programs.
- **School Fair:** Students from the BSN and MSN programs participated in the AUB school fair that was open to all 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 Middle East Student Ambassador Program by Elsevier:** Elsevier has launched the Middle East Student Ambassador Program to be able to connect with the University and to support students through 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 in writing book reviews whenever they want to promote titles, increase the visibility of Elsevier through social media, and to 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.
- **Lung Health Awareness.** On March 30, 2016, HSON students raised awareness about lung function, health, smoking effect, third hand smoking, and how to take care of one's lungs.



- **School Awareness & Renovation Project.** On April 16, 2016, HSON students in collaboration with FHS students received some money from the AUB 150<sup>th</sup> anniversary fund to renovate classrooms in one of the Lebanese schools. The students engaged in an awareness campaigns about environmental and physical health, in two schools.
- **Liqaa' fi kol kadaa':** Throughout the year, HSON students actively participated in the Order of Nurses 'project entitled Liqaa' fi kol kadaa'. They participated in informing people about the nursing profession and educating them on health issues.
- **May 11, International Nurses Day 2016:** HSON students participated in the celebrations by organizing a fashion show of nursing uniforms and a flash mob. They showcased nursing uniforms from different eras, starting with the early Christian era and projecting into the future, and provided short descriptions of the achievements during each era. They also edited the lyrics of the song: "We are the world" to become "We are the nurses" and sang it all together.
- **May, 2016: AUB outdoors:** Students prepared a stand for the bottle challenge game, and raised funds which were added to the Nursing Student Society account.
- **September 2016:** Elections for the Nursing Student Society were held and the cabinet was formed as follows :
  - President: Nicole Dagher
  - Vice President: Dayana Traboulsi
  - Treasurer: Elizabeth Cantrell
  - Secretary: Amr Kayali
  - Public Relations (PR): Bassem Fakhouri
  - Member at Large: Bassam Fakih
  - Class Representative BSN II: Rasha Hour
  - Class Representative BSN III: Nour Ali Abdallah
  - Class Representative BSN IV: Mirna Hussein
- **October 2016:** Elections for the SRC and USFC were held and the results were as follows :

Department	Election Pool	Seats
NU	FM USFC	Mirna Hussein
NU	NURSING IV and GR	Nayla Moukarzel
NU	NURSING II and III	Hassan Yassine

- **Bake sale:** A bake sale was held and the money raised was donated to families in need.
- **December, 2016:** A food and clothes drive was organized to help needy families.

## **D. OTHER STUDENT SERVICES AND RESOURCES**

- **Credentialing Requests of Nursing Graduates**

With the great demand for certification in different areas in Nursing, the number of requests for credentials from graduates has increased. In 2016, HSON received 26 requests by foreign institutions to complete students' credentials; the majority were submitted to the Commission on Graduates of Foreign Nursing Schools (CGFNS) in USA.

- **Online Petition Form System**

As of January 2016, HSON adopted the Online Petition Form System (OPFS) initiated by the Faculty of Arts and Sciences. OPFS was customized to meet the needs of HSON. The types of petitions that were automated include the following: Overload/underload of credits, course withdrawal, extension of residency at AUB, late registration, among others. The Chair of the Academic and Curriculum Committee and the Chair of the Graduate Studies Committee can directly approve straightforward requests. Irregular petitions are usually brought to the attention of the concerned committees. A total of 107 petitions were processed in 2016.

## **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.

The study follows the observational survey design. Data is being collected from three hospitals: AUBMC, St. George, and AinWaezein. Face to face interviews are carried out using the Quality of Palliative Care Questionnaire-Adult (QPCQ-A) which was constructed using several instruments measuring quality of life, symptom prevalence and management, quality of care, and functional ability.

Co-Investigators: **Marina Adra, Hala Darwish, Souha Fares**, Hussam Ghusn, Ramzi Hajjar, George Karam, **Samar Nouredine**

Funding: CNRS

Status: Ongoing

**Principle 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. While reporting or anticipating pain, patients experience a negative "mental set" of catastrophizing that has been described as an exaggerated cognitive-affective response to actual or anticipated pain. 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 PCS has been translated and validated in several languages though no Arabic version exists that measures an important predictor of pain and

pain-related outcomes. Thus, the purpose of the project is to develop and psychometrically evaluate PCS in the Arabic language among a sample of 150 adults in Lebanon.

Coinvestigator: Dr. Douglas French, Professor of Psychology, University of Moncton, Canada

Funding: Pfizer

Status: Completed. One article published and two articles in preparation.

**Principal Investigator: Marina Adra**

**Constructing the meaning of quality of life for residents in care homes in Lebanon: Perspectives of Residents, Staff, and Family**

Located in two care homes in the Lebanon, the study explores the perceptions, perspectives, and meaning of quality of life for a theoretical sample of care staff, family caregivers, and older people.

Results: Four themes emerged from this analytical process: i) Maintaining Family Connectedness; ii) Engaging in Worthwhile Activities; iii) Maintaining and Developing Significant Relationships; and IV). Holding and Practicing Spiritual Beliefs. The emergence of these themes confirmed the complex, interrelated, and multidimensional nature of quality of life for residents and other stakeholders.

Coinvestigators: John Hopton, John Keady.

Status: Proposal submitted for funding

**Principal Investigator: Elie Akl**

**Characterizing the interaction between physicians, pharmacists and pharmaceutical representatives in a middle-income country: a qualitative study**

The aim of this qualitative study is to explore the nature, intensity, and effect of the interactions between pharmaceutical companies, physicians, and pharmacists on drug prescription and dispensing practices in Lebanon, a middle-income country.

Co-investigators: **Gladys Honein**, Rima Hajjar, Mohammed Cheaito, Aya Bassatne

Funding: None

Status: Completed, manuscript in progress.

**Principal Investigator: Elie Akl**

**Using Media to impact health policy making: A systematic integrative review**

This integrative systematic review aims to assess the effects of planned media - including social media - interventions on the health policymaking process.

Co-investigators: Lama Bou-Karroum, Fadi El-Jardali, Nour Hemadi, Yasmine Faraj, Utkarsh Ojha, Maher Shahrour, Andrea Darzi, Maha Ali, Carine Doumit, Etienne Langlois, **Gladys Honein**.

Funding: Alliance for Health Policy and Systems Research, World Health Organization

Status: Manuscript submitted for publication

**Principal Investigator: Monique Chaaya**

**Dementia in Lebanon: a follow-up study**

This proposed study aims to follow up on the initial cohort of 408 older-adults in order to assess the risk of dementia in terms of incidence and to provide an update on its prevalence. In addition, the study will investigate risk factors of dementia, mortality and morbidity levels, and major health outcomes, specifically hospitalization and nursing home placement. The study also aims to measure the caregivers' mental health and burden of care.

Co- PI: **Hala Darwish**, Ramzi Hajjar

Funding: Lebanese National Council of Research

Status: Ongoing

**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-principal Investigators: Myrna Doumit, Sawsan Ezzeddine, Ursula Rizk

Coinvestigators: Nour Alayan and Leila Al-Alti

Design: Qualitative study using focus groups

Funding: None

Status: Manuscripts in preparation

**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 an expanding the survey to other universities in Lebanon and the wider region, Canada and Australia.

Funding: None

Status: Awaiting IRB approval

**Principal Investigator: Hala Darwish**

**Brief International cognitive assessment for MS (BICAMS)-Arabic**

The aim of this study is to validate the well-established Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in Arabic

The test stimuli and administration procedures will be standardized in Arabic. The validity and the test-retest reliability of the different tests will be assessed.

Finally, we will establish the normative data for Lebanon

Co PIs: Samia Khoury and Bassem Yamout

Funding: Novartis / MENACTRIMS

Status: Ongoing

**Principal Investigator: Hala Darwish**

**Environmental enrichment affects spontaneous object recognition, temporal order memory, and epigenetic events post mild traumatic brain**

In this study, an animal model of TBI is induced using controlled cortical impact head injury at mild intensity to cause the trauma. The aim of the study is to examine the effect of Complex Enrichment (EC) on cognitive deficits and evaluate the injury-induced epigenetic events and cellular damage associated with mild traumatic brain injury.

Co-PI: Elie Al- Chaer

Funding: MPP-RFA

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: Nuhad Dumit**

**Analyzing the Antecedents of Nurses in Private and Public 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.

Coinvestigator: Lina Daouk Oryy

Supported by the Evidence-based Healthcare Management Unit, AUB

Status: Ongoing

Publication: Baydoun, M., **Dumit, N. Y.**; Daouk-Oyry, L. What do nurse managers say about nurses' sickness absenteeism? A new perspective. *Journal of Nursing Management*. In Press.

**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 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.

Coinvestigators: **Souha Fares**, Marie Therese Sabbagh, Mireille Najjar, Gisel Hajal, Vicky Jubran New project with the support of the Order of Nurses in Lebanon

Funding: URB

Status: submitted for IRB approval

**Principal Investigator: Nuhad Dumit**

**Exploring continuing education learning needs of nurses and nurse managers in Lebanon.**

The overall aim is to assess the continuing education needs of nurses and nurse managers in Lebanon

Co-investigator: **Souha Fares**

Funding: URB

**Principal Investigator: Laila Farhood**

**Promoting Psychosocial and Mental Health Care 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 is a follow-up to recommendations from previous studies by the PI revealing high rates of psychiatric morbidity in the south of Lebanon. The specific aims of the study are to (1) identify attitudes and beliefs about mental illness, symptoms, and treatment through focus groups conducted with teachers and parents of students; (2) provide psychoeducation (e.g. effects of trauma, depression in children and adolescents) and psychosocial resources (e.g. solutions for student behavioral challenges within the classroom) to parents and teachers through workshops; and (3) test the efficacy of the intervention by administering questionnaires before and after the educational program to observe changes, if any, in reported mental health problems, attitudes, and practices.

Coinvestigators: Fadi Maalouf, Myrna Doumit and **Souha Fares**

Funding: Medical Practice Plan (MPP) and University Research Board (URB)

Status: data collection done and 2 papers are already in press another ongoing

**Principal Investigator: Ghada El Hajj Fuleihan**

**Capacity Building in Chronic Non-Communicable Diseases at the American University of Beirut: A Programmatic Multidisciplinary Curriculum Based on Interfaculty Approach**

This training grant aims at building research capacity in chronic, non-communicable diseases and disorders across the lifespan. The grant includes a short-term certificate program, medium-term mentoring of thesis, and long-term training through a master's degree in clinical research. This program involves the Faculty of Medicine, HSON, the Faculty of Health Sciences, and the Faculty of Agricultural and Food Sciences.

Coinvestigators: **Huda Abu-Saad Huijer**, Robert Habib, Nahla Hwalla, Abla Mehio Sibai, and US collaborator Christos Mantzaros

Mentors: **Huda Abu-Saad Huijer**, Monique Chaaya, Ghada El-Hajj Fuleihan, Robert Habib, Nahla Hwalla, Ayad Jaffa, Mona Nabulsi, **Samar Noureddine**, Omar Obeid, Abla Sibai

Co-mentors: **Hala Darwish** and **Nuhad Dumit**

Funding: NIH and Fogarty International. Grant # PAR-10-257: Chronic, Non-Communicable Diseases and Disorders across the Lifespan (D 43)

Status: Ongoing. Four cohorts including HSON junior faculty and MSN students have completed the SHARP summer certificate program on an annual basis.

**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, the subjective and social norms of potential users of Electronic Patient Portal (EPP) at the American University of Beirut Medical Center- Family Practice Clinic (FMC-AUBFMC).

Co-researchers: Dr. Joumana Antoun

Funding: Medical Practice Plan (MPP)

Status: Ongoing.

**Principal Investigator: Gladys Honein**

**Is there a need for a guideline regarding anaphylaxis management for nurses working in schools and daycares in Lebanon?**

The aim of this study is to assess the Lebanese school nurses' current practices in the management of anaphylaxis reaction and to explore their perceived need for a protocol to manage anaphylaxis reaction.

Co-investigator and responsible for the design of the study: **Tamar Avedissian**

Funding: Order of Nurses in Lebanon

Status: awaiting IRB approval

**Principal Investigator: Fadi El-Jardali**

**Barriers and facilitators to the implementation of health benefit packages in low-and middle-income countries: a systematic review**

The objective of this study is to systematically review the evidence on the barriers and facilitators to the implementation of health benefit packages in low-income and middle income countries. Specifically, we will focus on health benefit packages that are implemented through community-based health insurance schemes or by a country's Ministry of Health via primary health care or contracted out to nongovernmental organization.

Co-investigators: Fadi El-Jardali, Racha Fadlallah, Aref Daouk, Rana Rizk, Nour Hemadi, Ola El Kebbi, Aida Farha, **Gladys Honein**, Elie Akl.

Funding: Alliance for Health Policy and Systems Research, World Health Organization

Status: Data analysis in progress

**Principal Investigator: Lina Kantar**

**Knowledge Retention and the Instructional Approach: Case-Based versus Lecture-Based Learning**

The purpose of this study was to identify differences in nursing students' knowledge retention after being exposed to two instructional approaches, the case-based learning and lecture-based learning.

Knowledge retention was assessed through scores of students using a selected response multiple choice test. The test content examines knowledge retained from the Nursing Care of Adults I course. Selecting teaching practices that ensure better acquisition and retention of knowledge in nursing students is imperative to safe nursing practice.

Co-investigators: **Angela Massouh and Silva Sallian**

Funding: None

Status: Completed. Article under review by the journal of Nurse Education Today

**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 Medical Center; and to recommend future educational programs.

Co-investigators: **Mrs. Mary Arevian, Dr. Suha Fares** and Mrs. Ghina El Khatib

Funding: None

Status: Data analysis in progress.

**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 HF 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 Huijjer** and Paula Meek

Funding: URB fund

Status: Data analysis in progress.

**Principal Investigator: Farah Naja**

**Barriers and opportunities for enhancing subject recruitment and retention in mother and child cohort studies: Findings from the MINA cohort**

In this study, we aim at investigating barriers and challenges to participation in cohort studies from the perspectives of both study participants' as well as staff members carrying the immediate responsibility of subjects' recruitment

Co-investigators: **Gladys Honein**, Ghina Ghazeeri, Lara Nasreddine

Funding: Qatar National Research Fund (QNRF) under the National Priorities Research Program (NPRP)

Status: Data collection

**Principal Investigator: Samar Nouredine**

**The Lebanese Metabolic Health Promotion Trial: The LEBMETPRO trial.**

The aim of this randomized controlled trial is to test the efficacy of a 3 months behavioral dietary and physical activity intervention on adherence to the Lebanese Mediterranean diet and to regular moderate physical activity in adults with metabolic syndrome, a group at high risk for cardiovascular disease. The specific aims are: 1) To test the feasibility, acceptability and preliminary efficacy of a culturally sensitive behavioral intervention on dietary consumption and physical activity in adults with metabolic syndrome; 2) To investigate the effect of the intervention on blood pressure, total cholesterol, HDL, triglycerides, body weight, waist circumference and fasting blood sugar; 3) To investigate the effect of the intervention on psychosocial determinants of dietary and physical activity behaviors, namely the knowledge of healthy diet, dietary outcome expectancy, physical activity outcome expectancy, dietary self-efficacy, physical activity self-efficacy, dietary intention and physical activity intention; and 4) to investigate the feasibility and acceptability of mobile phone text messages as a means of supporting the intervention.

Co PIs: Lara Nasreddine, Marco Bardus, **Suha Fares**, Hussain Isma'eel.

Funding: Submitted to the Collaborative Stimulus Research grant; pending approval

Status: Translation of instruments to Arabic and preparation of IRB application.



**Principal Investigator: Samar Nouredine**

Assessment of Cardiopulmonary Resuscitation Practices in Emergency Departments for Out of Hospital Cardiac Arrest Victims in Lebanon. This study surveyed 75 emergency physicians about their practices and the challenges they face regarding resuscitation of out of hospital cardiac arrest victims.

Other researchers: **Tamar Avedissian**, Hussein Ismaeel and Mazen El Sayed

Funding: None

Status: Manuscript in press at the *Journal of Emergencies, Trauma, and Shock*

**Principal Investigator: Samar Nouredine**

**Knowledge, attitude and practice of substance use among medical students in Lebanon**

This survey examined the level of knowledge, attitude and practices related to alcohol and drug use in 231 medical students of 4 major universities in Lebanon.

Other researchers: George Assaf, Silva Kouyoumjian and Jamil El Khoury

Funding: None

Status: Manuscript under review by the Eastern Mediterranean Health Journal.

**Principal Investigator: Samar Nouredine**

**Smoking behavior after hospitalization with a coronary event.**

The aim of the observational longitudinal study is to examine the rates of smoking cessation and relapse following hospitalization with an acute coronary event. A number of psychosocial predictors of cessation and relapse are also investigated.

Other researchers: Habib Dakik and **Angela Massouh**

Funding: None

Status: Manuscript in preparation

**Principal Investigator: Hani Tamim**

**Assessment of Traumatic Brain Injury in Lebanon: A Retrospective Cohort Study**

The aims of this study are to assess the burden and magnitude of TBI in Lebanon through estimating the period prevalence, demographics of patients, types and mechanisms of injuries and to assess clinical outcomes of TBI patients and to evaluate hospital management of TBI after classifying them into mild, moderate or severe groups, based on clinical judgment and CT findings as per CDC guidelines of 2014.

Co PI: **Hala Darwish**, Firas Kobaissy and Mazen el Sayyed

Funding: MPP

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, 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 will also be examined. A total of 100 patients with arrhythmias have been recruited from the cardiology clinic at AUBMC.

Other researchers: Marwan Refaat, **Samar Nouredine**, Mostafa Hotait

Funding: Duke University

Status: Data collection in progress

**Principal Investigator: Lina Younan**

**How Nursing Work Is Organized in Lebanese Hospitals and Its Effects on Nurses' Wellbeing**

The objectives of the study are

1. To describe the organization of nursing work in Lebanese hospitals by identifying the models of nursing care in use and their prevalence.
2. To describe nursing staffing patterns in Lebanese hospitals (mainly nurse-to-patient ratios, staff-mix, and educational level of RNs,) and compare them to international standards.
3. To investigate the relationships between the level of nurses' professional education, nursing staffing patterns, models of nursing care, and the incidence of nursing fatigue and muscular skeletal injury.

**Co-investigators:** Michael Clinton, Fadi El Jardali, Helen Samaha, Souha Fares

**Funding:** URB fund

**Status:** Data analysis in progress.

**Principal Investigator: Lina Younan**

**The organization of nursing work in Lebanese hospitals: What do nurses do and how do models of care affect fatigue.**

The study investigates the relationship among three important variables that are not usually explored together: organization of nursing work, fatigue and musculoskeletal injuries. The sample includes 3157 nurses working in acute care units located in 39 hospitals across the five districts of Lebanon. The knowledge to be generated from this study will help nurse administrators and regulators identify:

1. The delivery models of nursing care in use in Lebanese hospitals and their prevalence.
2. The types of activities that nurses actually perform and accordingly delineate the real scope of practice of nurses with different educational levels.
3. Nursing staffing patterns in Lebanese hospitals (mainly nurse-to-patient ratios, staff-mix, and educational level of RNs,) and compare them to international standards.
4. The relationships between level of nurses' professional education, nursing staffing patterns, models of nursing care and the incidence of nursing fatigue and muscular skeletal injury among nurses.

**Co-investigator: Souha Fares**

**Funding:** URB

## **B. SCHOLARLY PUBLICATIONS 2016**

- Abou-Abbass H, Abou-El-Hassan H, Bahmad H, Zibara K, Zebian A, Youssef R, Ismail J, Zhu R, Zhou S, Dong X, Nasser M, Bahmad M, **Darwish H**, Mechref Y, Kobeissy F. Glycosylation and other post translational modifications alterations in neurodegenerative diseases: current status and future role in neurotrauma. *Electrophoresis*. 2016 Mar 9
- Abou-Abbass H, Bahmad H, Abou-El-Hassan H, Zhu R, Zhou S, Dong X, Hamade E, Mallah K, Zebian A, Ramadan N, Mondello S, Fares J, Comair Y, Atweh S, **Darwish H**, Zibara K, Mechref Y, Kobeissy F. Deciphering Glycomics and Neuroproteomic Alterations in Experimental TBI: Comparative Analysis to Aspirin & Clopidogrel Treatment. *Electrophoresis*, 2016, Feb.
- **Abu-Saad Huijjer, H.**, Saab, M. Hajjar, R. (2016). Palliative Care for Older Adults in Lebanon. *Lebanese Medical Journal*, 64(1):27-32.

- **Abu-Saad Huijer, H.** Afram, G. (2016). 110 Years of Nursing Education at AUB; A Brief History; 1905-2015. Booklet, AUB.
- **Abu-Saad, H.**, Fares, S., French, D. The Development and Psychometric Validation of an Arabic-language Version of the Pain Catastrophizing Scale (PCS-A). *Pain Research & Management*, In Press.
- **Alayan, N.** & Shell, L. (2016). Screening adolescents for substance use: The role of Nurse Practitioners in school settings. *The Nurse Practitioner*, 41(5). doi:10.1097/01.NPR.0000482380.82853.c0
- Ayoubi, N; Ghassan,S, Said, M; Allam; J., **Darwish,H.**, Khoury, SJ. Retinal Measures Correlate with Cognitive and Physical Disability in Early Multiple Sclerosis. *J Neurol*. 2016 Aug 20.
- Baydoun, M., **Dumit, N. Y.** (*corresponding author*), & Daouk-Oyry, L. (2016). What do nurse managers say about nurses' sickness absenteeism? A new perspective. *Journal of Nursing Management*, 24(1), 97-104. DOI: 10.1111/jonm.12277
- Deek, H., Hamilton, S., Brown, N., Inglis, S. C., Digiacomio, M., Newton, P. J., **Noureddine, S.**, Macdonald, P. S., Davidson, P. M. (2016). Family-centered approaches to healthcare interventions in chronic diseases in adults: A quantitative systematic review. *Journal of Advanced Nursing*, 72(5):968-79. doi: 10.1111/jan.12885. <http://dx.doi.org/10.1016/j.colegn.2014.11.001>.
- Deek, H., Skouri, H., **Noureddine, S.** (2016). Readmission Rates and Related Factors in Heart Failure Patients: A Study in Lebanon. *Collegian: The Australian Journal of Nursing Practice, Scholarship and Research*, 23(1), 61-68. [doi:10.1016/j.colegn.2014.11.001](http://dx.doi.org/10.1016/j.colegn.2014.11.001)
- Deek, H., Newton, P. J., **Noureddine, S.**, Al Arab, G., Kabbani, S., Inglis, S., Chalak, W., Timany, N., MacDonald, Davidson, P. M. (2016) Protocol for a block randomised controlled trial of an intervention to improve heart failure care. *Nurse Researcher*, 23(4), 24-30.
- Deek, H., **Noureddine, S.**, Newton, P. J., Inglis, S. C., Peter S. MacDonald, P. S., & Davidson, P. M. (2016). A family-focused intervention for heart failure self-care: conceptual underpinnings of a culturally appropriate intervention. *Journal of Advanced Nursing*, 72(2), 434-450. DOI: 10.1111/jan.12768
- Doumit, M., **Farhood, L.**, & Hamady, C. (2016). Identifying Mental Health Concerns of Teachers and Parents of Students in a South Lebanese Sample: A Pressing Need. *Journal of Transcultural Nursing*. Accepted.
- **Dumit, N. Y.**, Noureddine, S.N., Magilvy, J.K. (2016). Perspectives on Barriers and Facilitators to Self-Care in Lebanese Cardiac Patients: a qualitative descriptive study, *International Journal of Nursing Studies*, 60, 69–78.

- **Dumit, N. Y.,** Magilvy, J. K., Afifi, R. (2016). The Cultural Meaning of Cardiac Illness and Self-care among Lebanese Patients with Coronary Artery Disease. *Journal of Transcultural Nursing*, 27(4), doi: 10.1177/1043659615573080
- Dumit, N. Y., **Noureddine, S. N.,** Magilvy, J. K. (2016). Perspectives on Barriers and Facilitators to Self-Care in Lebanese Cardiac Patients: a qualitative descriptive study. *International Journal of Nursing Studies*, 60, 69-78. doi:10.1016/j.ijnurstu.2016.03.009
- **Fares Souha,** Habib Joseph, Engoren Milo, Badr Kamal and Habib Robert. (June 2016). Effect of Salt Intake on Beat-to-Beat Blood Pressure Nonlinear Dynamics and Entropy in Salt Sensitive versus Protected Rats. *Physiological Reports*, 4(11). pii: e12823. doi: 10.14814/phy2.12823.
- **Farhood, L. F., Fares, S.,** Sabbagh, R., & Hamady, C. (2016). PTSD and depression construct: prevalence and predictors of co-occurrence in a South Lebanese civilian sample. *European Journal of Psychotraumatology*, 7, 31509 - <http://dx.doi.org/10.3402/ejpt.v7.31509>
- **Farhood, L., Fares, S., &** Hamady, C. (2016). An Investigation of War Trauma Experiences and Post-Traumatic Stress Reactions in a South Lebanese Civilian Sample: How Does Gender Fit in the Equation? *Women & Health*. In Press.
- Farran, N., Ammar, D., **Darwish, H.** Coping strategies and Quality of Life in Multiple sclerosis patients: A pilot study. *Multiple Sclerosis and Related Disorders*. 6 (2016) 21–27
- Habib Rima R., Ghandour Blanche, **Fares Souha,** El-Jardali Fadi, Nuwayhid Iman. (June 2016). Occupational Health and Safety in Hospitals Accreditation System: The Case of Lebanon. *International Journal of Occupational and Environmental Health*. Accepted
- **Honein-Abou Haidar G.N.,** Monika Kastner, Vincent Vuong, Laure Perrier, Corinne Daly, Linda Rabeneck, Sharon Straus, Nancy N. Baxter (2016). ‘ A systematic review and meta-study synthesis of qualitative studies evaluating facilitators and barriers to participation in colorectal cancer screening’ *Cancer Epidemiol Biomarkers Prevention*, June 2016, 25; 907-917
- **Kantar, L.** (2016). Case-based Instruction: A Framework from Experience. *The Journal of Nursing Education*, 55(7), 391-395.
- Nasser M, Bejjani F, Raad M, El Hassan HA, Mantash S, Nokkari A, Ramadan N, Kassem N, Mondello S, Hamade E, **Darwish H,** Zibara K, Kobeissy F. Traumatic Brain Injury & Blood BrainBarrier Cross Talk. *CNS Neurol Disord Drug Targets*. 2016 Aug 14
- **Noureddine, S.,** Avedissian, T., Ismaeel, H., El Sayed, M. Assessment of Cardiopulmonary Resuscitation Practices in Emergency Departments for Out of Hospital Cardiac Arrest Victims in Lebanon. *J Emerg Trauma Shock*. 2016 Jul-Sep;9(3):115-21. doi: 10.4103/0974-2700.185275.
- **Noureddine, S.** (2016). *Investigating Cardiovascular Risk in a Conflict Zone*. In S. Ketefian (Ed.) *Shaping Nursing Science and Improving Health*. Michigan: Michigan Publishing

- Al Rajoub, B., **Noureddine, S.**, El Chami, S., Haidar, M., Itani, B., Zaiter, A., Akl, E. (2016). Prognostic value of left bundle branch block in patients with acute myocardial infarction. Published online Dec 9. *Heart & Lung: The Journal of Acute and Critical Care*. doi: 10.1016/j.hrtlng.2016.11.002. [Epub ahead of print]
- Sibai Abba, Iskandarani Mohamad, Darzi Andrea, Nakkash Rima, Saleh Shadi, **Fares Souha**, Hwalla Nahla. (February 2016 ). Cigarette smoking in a Middle-Eastern country and its association with hospitalization use: a nation-wide cross-sectional study. *BMJ Open*;6:e009881 doi:10.1136/bmjopen-2015-009881.
- Sun, C., Dohrn, J., Oweis, A., **Abu-Saad Huijjer, H.**, Abu-Moghli, F., Dawani, H., Ghazi, C., Larson, E. Delphi Survey of Clinical Nursing and Midwifery Research Priorities in the Eastern Mediterranean Region. *Journal of Nursing Scholarship*, In Press

### 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 the 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. Frank Ferris: Challenges and Goals of Palliative Care. February 10, 2016
- ✓ Dr. Najat Saliba.: Our pollution and our health. January 27, 2016

### C. EDITORIAL POSITIONS

#### Huda Abu-Saad Huijjer

1994 Ongoing	Associate editor and later member of Editorial Board, <i>International Journal of Nursing Studies</i>
1999 Ongoing	Editorial Board, <i>Journal of Transcultural Nursing</i>
2005 Ongoing	Editorial Board, <i>Journal of Nursing Scholarship</i>
2005 Ongoing	Reviewer, <i>European Journal of Pain</i>
2006 Ongoing	Editorial Board, <i>Japanese Journal of Nursing Science</i>
2008 Ongoing	Reviewer, <i>Lebanese Medical Journal</i>
2009 Ongoing	Reviewer, <i>Pediatric Pain Newsletter</i> , IASP
2011 Ongoing	Reviewer, <i>Journal of Palliative Medicine</i>
2011 Ongoing	Editorial Board, <i>IASP Insight Newsletter</i>
2011 Ongoing	Editorial Board, <i>Nursing Children and Young People</i>
2012 Ongoing	Reviewer, <i>Health Promotion International</i>
2012 Ongoing	Reviewer, <i>Europe's Journal of Psychology</i>
2012 Ongoing	Reviewer, <i>Journal of Pain and Symptom Management</i>
2013 Ongoing	Editorial Board, <i>Annals of Palliative Medicine</i>
2014 Ongoing	Editorial Board, <i>Alexandria Scientific Nursing Journal (ASNJ)</i>

**Nour Alayan**

2015 Ongoing

Reviewer, *Journal of Addictions Nursing*  
 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, *International Journal of Mental Health Nursing*, formerly the  
*Australian and New Zealand Journal of Mental Health Nursing*

2010 Ongoing

Editorial Board, *Journal of Psychosocial Nursing and Mental Health Services*

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

Review Panel, *Contemporary Nurse*

2010 Ongoing

Review Panel, *Infection Control and Hospital Epidemiology*

2010 Ongoing

Reviewer, *Journal of Adolescent Health*

2010 Ongoing

Reviewer, *Journal of Physical Activity and Health*

2010 Ongoing

Reviewer, *Infection Control and Hospital Epidemiology***Hala Darwish**

2011- Present

Editor, The Institute- The AUBMC Abu Haidar Neuroscience Institute  
 Newsletter

2012 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

**Nuhad Dumit**

2008 Ongoing

Reviewer, *Journal of Nursing Management*

2009 Ongoing

Reviewer, *Journal of Interprofessional Care*

2013 Ongoing

Reviewer for the BMC Nursing journal by BioMed Central

2014 Ongoing

Reviewer, *Journal of Clinical Nursing Research*

2014 Ongoing

Editorial Board, *Nursing Management***Laila Farhood**

2006 Ongoing

Editorial Board and Reviewer, *Journal of Transcultural Nursing*

2007 Ongoing

Reviewer, *Journal of Social Science and Medicine*

2010 Ongoing

Reviewer, *Journal of Traumatic Stress*

**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

**Lina Kantar**

2013 Ongoing	Reviewer, <i>Journal of Nursing Education in Practice</i>
2013 Ongoing	Reviewer, <i>Journal of Nurse Education Today</i>
2013 Ongoing	Reviewer, <i>International Journal of Nursing Education Scholarship</i>

**Samar Nouredine**

2008 Ongoing	Reviewer, <i>American Journal of Critical Care</i>
2008 Ongoing	Editorial Board, <i>Journal of Transcultural Nursing</i>
2009 Ongoing	Reviewer, <i>International Journal of Nursing Studies</i>
2009 Ongoing	Reviewer, <i>Journal of Nursing Scholarship</i>
2009 Ongoing	Reviewer, <i>European Journal of Cardiovascular Nursing</i>
2009 Ongoing	International Editorial Board of <i>Metas de Enfermiera' Nursing Journal</i>
2011 Ongoing	Reviewer, <i>Journal of Cardiovascular Nursing</i>
2011 Ongoing	Reviewer, <i>Journal of Clinical Nursing</i>
2011 Ongoing	Reviewer, <i>Pan African Medical Journal</i>
2012 Ongoing	Reviewer, <i>Heart &amp; Lung: The Journal of Acute and Critical Care</i>
2013 Ongoing	Editorial Board of the <i>European Journal of Cardiovascular Nursing</i>
2014 Ongoing	Reviewer, <i>Sultan Qaboos University Medical Journal</i>
2015 Ongoing	Reviewer, <i>The Lebanese Nursing Journal</i>
2016 Ongoing	Reviewer, BMC Health Services Research

**Lina Younan**

2014 Ongoing	Reviewer, Journal of Nursing Management
2016 Ongoing	Reviewer for the University Research Board of the American University of Beirut

**D. SCIENTIFIC CONTRIBUTIONS AND RESEARCH GRANT REVIEWS****Huda Abu-Saad Huijer**

2010 Ongoing	Reviewer of Medical Practice Plan, Faculty of Medicine Research Committee, AUB
2015 Ongoing	PhD supervision of Ms. Angela Massouh, University of Colorado, USA
2016 Ongoing	PhD supervision of Farah Chamaa, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB.
2016	External Examiner, Beirut Arab University
2016 Ongoing	Faculty mentoring of Dr. Rihab Nasr, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB.

**Hala Darwish**

2011-2016

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

**Laila Farhood**

2010 Ongoing

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

**Gladys Honein**

2016

Abstract reviewer, North American Primary Care Group, November 9-12, 2016

2016

International Undergraduate Awards, Nursing and midwifery panel, June 2016

**Lina Kantar**

2013 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.

**Samar Nouredine**

2016

Abstract reviewer, Pan Arab Critical Care conference, October 15, 16, 2016

2016

Abstract reviewer, University of St. Joseph International conference, November 11, 12, 2016

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 Huijjer**

- 'Nursing Research in the Region'. Columbia University Global Initiatives. March 16-18, March 2016. Invited.
- Global Advisory Panel: Future of Nursing & Midwifery (GAPHON); Abu-Dhabi Expert Meeting. Presented and chaired sessions. March 23-24, 2016. Invited.
- WHO Abu-Dhabi Expert Meeting. Consultant. March 25-26, 2016. Invited.
- '110 years of Nursing Education at AUB; a Brief Overview'. HSON Symposium on Celebrating Nursing Developments; Past and Present Achievements, May 11, 2016.



- ‘Palliative Care; A Program of Research’. Special lecture; International Nurse Researcher Hall of Fame Honoree, 27th Sigma Theta Tau International Nursing Research Congress, Cape Town, South Africa, July 21-25, 2016. Invited.
- ‘The Development and Psychometric Validation of an Arabic-Language Version of the Pain Catastrophizing Scale (PCS-A)’, IASP 16th World Congress on Pain, Yokohama, Japan, September 26-30, 2016.

#### **Nour Alayan**

- Introduction to the use of substance use Screening, Brief Intervention, and Referral to Treatment in Primary Care, Accelerated program, Rutgers Nursing, March 24, 2016

#### **Michael Clinton,**

- ‘Conceptions of genealogy in Foucault and Agamben: Governing of life or exceptional forms of biopower?’ Co-author R.A. Springer. 20th International Philosophy of Nursing Conference & 12th Philosophy in the Nurse's World Conference: Revisiting the Roots of Nursing Philosophy and Critical Theory: Past, Present and Future. Hilton Hotel, Quebec City, Canada. 22nd - 24th August, 2016.
- ‘Philosophy lost: A probing inquiry into the implications for graduate nursing education in the corporatized university’. Co-author R.A. Springer. 20th International Philosophy of Nursing Conference & 12th Philosophy in the Nurse's World Conference: Revisiting the Roots of Nursing Philosophy and Critical Theory: Past, Present and Future. Hilton Hotel, Quebec City, Canada. 22nd - 24th August, 2016.

#### **Gladys Honein**

- ‘Introduction to qualitative research workshop’. Clinical Research Institute. American University of Beirut. January 23 & 30, 2016
- ‘Introduction to mixed method research’. Research Education Unit. American University of Beirut. April 21, 2016
- ‘The Transformative Roles of the Primary Health Care Nurse’. Primary Healthcare Nursing Conference: The Way Forward. Dubai, December 5, 2016.

#### **Lina Kantar**

- Seminar on *Designing Rubrics*, offered to the faculty at the Rafic Hariri University on December 16, 2016.
- Invited presentation on ‘Assessing Student Performance Using Rubrics’, planned by the CTL and offered to AUB faculty, April, 2016.
- Seminar on *OSCE in Nursing Education: Theoretical Perspectives and Application*, planned for the faculty at the HSON on November 11, 2016.
- ‘Knowledge retention and instruction: The nature of the link’. Paper accepted for presentation at the 43<sup>rd</sup> Professional Nurse Education Group (PNEG) Conference, October 21-23. Columbus, Ohio, USA.

#### **Dina Madi**

- “Health Assessment Workshop”, given twice, over three full days at the Continuing Education Center at Sharjah, UAE. 2015-2016

- “Health Assessment Workshop”, one day workshop offered 5 times in five Lebanese areas organized by the Lebanese Order of Nurses and the Ministry of Health, 2015-2016
- “OBS Emergencies Workshop” given over two full days at the Continuing Education at the Continuing Education Center at Sharjah, UAE. February 2016.

### **Angela Massouh**

- ‘Evidence based Approaches to Cardiovascular Care’. Course Coordinator. American University of Beirut Medical Center. January 2016 through March 2017.
- ‘Heart Failure Self-Care Education: Non-pharmacological Management’. Presentation at the Heart Failure Nurse Training Seminar. Lebanon, April 2016.
- ‘e-CME001 Updates in Critical Care Nursing’. Course director and speaker, Continuing Medical Education, AUB, Lebanon. October 2016.

### **Samar Nouredine**

- ‘*Attitudes and practices of Lebanese paramedic personnel related to resuscitation of out-of-hospital cardiac arrest*’. The 21<sup>st</sup> annual conference of the Lebanese Epidemiological Association (LEA). Epidemiology in Health Policy & Practices. Gefinor Rotana Hotel, Lebanon, December 3, 2016.
- ‘*Can we reduce the mortality of patients with Acute Coronary Syndrome?*’ A Symposium on innovations in nursing research and practice. The 2<sup>nd</sup> International Nursing Congress: The Nursing Profession at the Heart of the Health Care System, Universite St Joseph, Lebanon, November 19, 2016.
- ‘*Cardiovascular Risk Reduction in Lebanon*’. Presented at the Development of Evidence-Based Nursing in an Interdisciplinary Era: Achievements and Prospects. International Research Conference at the Hariri school of Nursing, American University of Beirut, Lebanon, October 8, 2016.
- ‘*Summary of Regional Research Meeting & Forward Look*’. Presented at the Columbia University Global Center’s Global Nursing and Midwifery Clinical Research Development Initiative Summit Meeting in Amman, Jordan, July 18, 2016.
- ‘Factors that influence Resuscitation Practices of Out of Hospital Cardiac Arrest Victims. Exploring the Practice of Cardiopulmonary Resuscitation in Lebanon’. A workshop organized by the Vascular Medicine Program at the American University of Beirut Medical Center and the Lebanese University, Beirut, Lebanon. May 28, 2016. Invited.
- ‘Assessment of cardiopulmonary resuscitation practices in emergency departments for out of hospital cardiac arrest victims in Lebanon’. The International Nursing Conference 2016 titled: Improving Clients’ Outcomes through Implications of Scientific Evidence at Zarqa University, Jordan April 7, 2016. Invited.
- ‘Developing Nursing Education to Achieve Desired Outcomes’. The International Nursing Conference 2016 titled: Improving Clients’ Outcomes through Implications of Scientific Evidence at Zarqa University, Jordan April 7, 2016. Invited Keynote Address.
- Gave a 3-day course on “Renal Nursing” for the Training and Development Center of the Ministry of Health, at Sharjah, UAE, March 27-30, 2016

### **Lina Younan**

- Guest speaker on “Financial Planning” to senior BSN students at LAU, February 2016. As part of their Leadership & Management course (3 hrs).

- Guest speaker on “Handoff Communication” (2hrs) at Lebanese American University Medical Center- Rizk Hospital March 21, 2016.

## **V. PROFESSIONAL PRACTICE/SERVICE**

### **A. PROFESSIONAL PRACTICE**

#### **Huda Abu-Saad Huijer**

- Member of the Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP). Ongoing.
- Immediate Past President of the Chi Iota Chapter of Sigma Theta Tau International Honor Society in Nursing in Lebanon.
- Member, International Scientific Advisory Board, Center of Excellence in Pediatric Pain Management, Faculty of Medicine, Kuwait University, Kuwait.
- Consultant to 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 of the Public Advisory Board, Lebanese Society of Family Medicine.
- Vice-President, National Committee on Pain Relief and Palliative Care (Appointed by Minister of Health) and chair of the Research Committee.
- Past president Lebanese Society for the Study of Pain.
- Member, IASP Developing Countries Working Group
- Member, UC Davis, Advancing Pain Relief Education: Anchoring Pain Competencies around the World

#### **Marina Adra**

- Hariri School of Nursing representative to the National Colloquium Committee. Participated in computerizing the colloquium exam.
- Consultation with the nursing director of Dar Al Ajaza Islamiyah Hospital to select nurse managers and supervisors and help develop leadership skills.

#### **Nour Alayan**

- Addiction Counseling, Postgraduate Certification, Rutgers, School of Social Work (Partially completed)
- Screening, Brief Intervention, and Treatment for Unhealthy Drinking, Training Program for Workplace Practitioners by the National Association of Alcoholism and Drug Abuse Counselors
- Certification in Effective College Instruction by the American Council on University Education

#### **Nuhad Dumit**

- President of the Order of Nurses in Lebanon
- Member of the Western Institute of Nursing
- Member of the advisory board of the Faculty of Health Sciences Beirut Arab University
- Member of the Task Force on Lives and Careers of Women Faculty at AUB

**Laila Farhood**

- 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.
- Member, American Psychiatric Nurses Association (APNA)
- Member, International Society for Traumatic Stress (ISTSS)
- Member, European Society for Traumatic Stress (ESTSS)

**Gladys Honein**

- Capacity building, a collaborative venture between the Order of Nurses and Ministry of Public Health, funded by UNICEF, with special focus on 'Outreach program in community health' (October-ongoing)

**Lina Kantar**

- Member, Scientific committee on the 2nd Simulation-Based Medical Education conference, LAU

**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 in the Pediatrics Educational Council at AUBMC, and on the occasion of the Pediatric nurse's week, I participated in the hosting of the Pediatrics Competency Fair (Blood Transfusion competency) to All Pediatric RNs& PNs held on October 3-7, 2016.

**Dina Madi**

- Course educator candidate for the Advanced Trauma Life Support (ATLS): Received the approval from the Trauma Educational Programs office at the American College of Surgeons (ACS), Chicago on October 2015. Attended the ATLS Instructor Course in the capacity as course educator candidate at King Abdul Aziz Medical City- Ryadh, KSA, Feb.14-15, 2016.
- Attended the Faculty Advancement Program in Clinical Research organized by the Research Education Unit (REU) of the Clinical Research Institute (CRI) at AUB- FM, October 2015 until end of June 2016.
- Participated in the formulation of the case studies and multiple choice questions for the electronic Colloquium exam for nurses; chaired the Maternity Group.
- Participated in the HSON International Research Conference as member of the scientific committee, chair of the social committee and as moderator, October 6-8, 2016

**Angela Massouh**

- Cardiology Clinical Nurse Specialist. Joint Appointment. American University of Beirut Medical Center.
- Represented Lebanon in the Heart Failure Middle East and North Africa Roadmap; Dubai.
- Leadership Succession Committee, AUB Honor Society, member.
- Participated in the formulation of the case studies and multiple choice questions for the electronic Colloquium exam for nurses at the Order of Nurses; co-chaired Critical Care Group.

- Organizing Committee, Critical Care Society National Conference, Phoenicia Lebanon.

### **Samar Nouredine**

- Member, Global Cardiovascular Nursing Leadership Forum since 2014.
- Moderated a session titled ‘Amélioration de la qualité des soins’ at the second international nursing conference at the Faculty of Nursing Science of St. Joseph University, Beirut, Lebanon, November 19, 2016.
- Moderated a session on ‘Regional Barriers and Specific Actions Needed to Address Research Priorities’ at the Global Nursing and Midwifery Clinical Research Development Initiative Summit Meeting by Columbia University Global Center in Amman, Jordan, July 19, 2016.
- Moderated a session on ‘Integrating Scientific Knowledge into Clinical Practice’ at the International Nursing Conference at Zarqa University, Jordan. April 7, 2016
- Member, Scientific Committee, Second International Conference of the Faculty of Nursing, St Joseph University.
- Member, Scientific Committee, Order of Nurses in Lebanon since 2015.
- President; Nurses’ Chapter, Worldwide Alumni Association of the American University of Beirut.

### **Lina Younan**

- Appointed by the Order of Nurses as a member of a task force for reviewing and updating the Nursing Practice Act.
- Appointed by the Order of Nurses as a member of a task force for developing the nursing code of ethics for Lebanon.
- Member Disciplinary Board, Order of Nurses in Lebanon,

## **B. SERVICE**

### **HSOON STANDING COMMITTEES**

#### ➤ **Academic & Curriculum Committee:**

Dr. Huda Abu-Saad Huijer (Chair or Representative)  
 Mrs. Mary Arevian, Chair  
 Dr. Marina Adra  
 Dr. Lina Kantar  
 Ms. Angela Massouh  
 Dr. Gladys Honein (appointed)  
 Mrs. Silva Dakessian (appointed)  
 Mrs. Tamar Avedissian (appointed)

#### ➤ **Admission & Recruitment Committee:**

Mrs. May Khoury, Chair  
 Mrs. Talin Gulgulian  
 Dr. Dina Madi  
 Dr. Lina Younan  
 Mrs. Tamar Avedissian (appointed)  
 Mrs. Silva Dakessian (appointed)

- **Administrative Committee:**  
Dr. Huda Abu-Saad Huijer (Chair)  
Dr. Nuhad Dumit  
Dr. Laila Farhoud  
Dr. Samar Nouredine
- **Advisory Committee:**  
Dr. Huda Abu-Saad Huijer (Chair)  
Dr. Michael Clinton  
Dr. Laila Farhood  
Dr. Samar Nouredine
- **Graduate Studies Committee:**  
Dr. Samar Nouredine, Chair  
Dr. Michael Clinton  
Dr. Nuhad Dumit  
Dr. Laila Farhoud  
Dr. Gladys Honein (appointed)
- **Research & Continuing Education Committee:**  
Dr. Soha Fares, Chair  
Dr. Hala Darwish  
Dr. Laila Farhoud  
Dr. Samar Nouredine  
Dr. Gladys Honein (appointed)
- **Student Affairs Committee:**  
Dr. Dina Madi, Chair  
Dr. Marina Adra, Class Advisor, BSN II  
Dr. Lina Younan, Class Advisor, BSN III  
Dr. Lina Kantar, Class Advisor, BSN VI  
Ms. Angela Massouh, NSS Advisor

#### **Other HSON Committees/Task Forces**

- **HSON Search Committee**  
Dr. Huda Abu-Saad Huijer (Chair)  
Dr. Michael Clinton  
Dr. Laila Farhood  
Dr. Samar Nouredine

- **HSO Catalogue Committee**  
Dr. Laila Farhood; Convener/Chair Master of Science in Nursing Program  
Dr. Nuhad Dumit; Convener/Chair Baccalaureate Programs
- **HSO Newsletter Committee**  
Dr. Gladys Honein (Chair)  
Dr. Marina Adra  
Ms. Angela Massouh  
Mrs. Lynn Berbary Najem  
Mrs. Talin Gulgulian
- **HSO Social Committee:**  
Dr. Lina Kantar, Chair  
Mrs. Lynn Berbary  
Mrs. Silva Dakessian  
Mrs. Danielle Damianos  
Ms. Randa Farha  
Mrs. Taline Gulgulian  
Mrs. May Khoury
- **HSO Selection committee for MCF scholars:**  
Dr. Samar Nouredine  
Ms. Nisreen Ghalayini

## **OTHER AUB COMMITTEES**

### **Huda Abu-Saad Huijer**

Board of Deans, Ex-Officio member  
AUB Senate, member  
AUB Strategic Planning Steering Committee, member  
Expanded Advisory Committees, appointed member  
REP Advisory Board, member  
AUB Budget Committee, member  
AUB Tenure Design Committee and Workgroup on Faculty Workload, member  
Strategic Health Initiative, member of Steering Committee  
AUBMC NS Magnet Executive Board, member  
AUBMC Palliative Care Committee.

### **Marina Adra**

AUB General Education Requirement Board, member  
AUBMC NS/HSO Joint Committee, member  
AUBMC, Medical Surgical Educational Council, member

### **Michael Clinton**

AUB Senate, elected member  
Institutional Review Board – Social and Behavioral Sciences, Vice-Chair

Institutional Review Board – Biomedical, Alternative Vice-Chair and member

**Nuhad Dumit**

Board of Graduate Studies, member

Evidence-based Healthcare Management Unit (EHMU) Executive Board member

**Gladys Honein**

Equity & Title IX Working Group member

Graduate Open House Committee, HSON representative

**Lina Kantar**

Medical Education Council, Faculty of Medicine, AUB, member

CTL Advisory Committee, member

AUBMC Critical Care Education Council: Dr. Lina Kantar

**May Khoury**

AUB Unified Admissions Committee, member

AUB USAID USP Steering Committee, member

AUB the LEAD Career and Internship Support Committee, member

AUBMC NS/HSON Joint Committee, Chair

AUBMC Pediatrics Educational Council, member

**Dina Madi**

AUB New Student Orientation Program Committee, member

AUB, Advising Website Committee, member

Civic Engagement Committee, member

Commencement Committee- reader

AUBMC Obs/Gyn Council, member

**Angela Massouh**

Pharmacy and Therapeutics, American University of Beirut Medical Center, Member.

Scientific Advisory Committee, American University of Beirut Medical Center, Member.

Leadership Succession Committee at the Sigma Theta Tau Chi Iota Chapter, member

**Samar Nouredine**

AUB University Research Board, member

FM Research Committee, member

Governance Committee, Hariri School of Nursing Chi Iota Chapter, member

Advisory Board of the AUB Graduate Council since September 2015

**NATIONAL AND INTERNATIONAL COMMITTEES**

**Huda Abu-Saad Huijer**

Lebanese Society for the Study of Pain (LSSP), past president

Vice President, National Committee on Pain Relief and Palliative Care and Chair Research Committee

Order of Nurses in Lebanon, member of Advisory Board



Sigma Theta Tau International Chi Iota Chapter, AUB, Immediate Past president  
International Association for the Study of Pain (IASP), member  
Special Interest Group on Pain in Children (IASP), founding member  
eNewsletter, IASP Insight, advisory board member  
European Academy of Nursing Science (EANS), fellow and founding member  
American Academy of Nursing, International Fellow

**Marina Adra**

Armenian Relief Cross, member  
Sigma Theta Tau International, Chi Iota Chapter, AUB, member  
Center for Studies in Aging in Lebanon, member

**Nour Alayan**

Society of Addiction Psychologists (APA Division 50), member  
The International Nurses Society on Addictions (IntNSA), member  
Sigma Theta Tau International Chi Iota Chapter, member  
Lebanese Order of Nurses  
Nurses Alumni Chapter, American University of Beirut

**Mary Arevian**

Sigma Theta Tau International Honor Society of Nursing, Lambda PI Chapter  
Sigma Theta Tau, International Honor Society of Nursing, Chi Iota Chapter, president of the Board  
Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, member  
Armenian Relief Cross in Lebanon (ARCL) Advisory Board, of the Araxi Boulghourdgian 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).

**Tamar Avedissian**

Order of Nurses in Lebanon, Retirement Plan and Administrative Committee, member  
Chi Iota, Leadership succession committee, member  
STTI, Global Leadership Mentoring Community, mentee

**Michael Clinton**

College and Association of Registered Nurses of Alberta - Registered Nurse

**Hala Darwish**

Society for Neuroscience, member  
Midwest Nursing Research Society, member

**Nuhad Dumit**

Order of Nurses in Lebanon, President  
Sigma Theta Tau International Alpha Kappa, chapter-at-large, member  
Western Institute of Nursing, member

**Souha Fares**

American Physiological Society (member)  
American Statistical Association (ASA), member  
Institute of Mathematical Statistics (IMS), member

**Laila Farhood**

Board of Trustees, Marjayoun National College, member  
Sigma Theta Tau International, Alpha Chapter, member  
American Psychiatric Nursing Association (APNA), member  
International Nursing Review (INR), Lebanon's representative  
International Women's Mental Health Association, member  
International Society for Traumatic Stress Studies (ISTSS), member  
AUB Sigma Theta Tau International Chi Iota Chapter, member

**Gladys Honein**

College of Nurses of Ontario; Professional affiliation- Registration Number: 03- 0138 2 (non-practicing)  
North American Primary Care Group (NAPCRG), member

**Lina Kantar**

Alliance of Universities for Democracy, member  
Sigma Theta Tau International, Chi Iota Chapter, AUB, Counselor

**May Khoury**

Member of the Nurses' Chapter of the Alumni Association.  
Member of Sigma Theta Tau international Chi Iota Chapter Honor Society of Nursing

**Angela Massouh**

American Association of Critical Care Nurses, Member.  
Council on Cardiovascular Nursing and Allied Professions, at the European Society of Cardiology, Member.  
Heart Failure Association at the European Society of Cardiology, Member.  
Sigma Theta Tau International, Chi Iota Chapter, Member.  
National Association of Clinical Nurse Specialists, Member.  
Heart Failure Roadmap for the Middle East and North Africa, Contributory Writer.

**Dina Madi**

The Lebanese Health Association, board member  
Sigma Theta Tau International, XiPi Chapter, member  
Sigma Theta Tau International, Chi Iota Chapter, President elect  
ATCN International member

**Samar Nouredine**

American Academy of Nursing, International Fellow since October 2015  
Sigma Theta Tau International, RhO Chapter and Chi Iota Chapter, member  
Governance Committee, Chi Iota Chapter, STTI  
Midwest Nursing Research Society, member

American Association of Critical Care Nurses, member  
American Heart Association, member and international fellow  
Science Committee, Council on Cardiovascular Nursing and Allied Health of the European Society of Cardiology, member till September 2016

**Lina Younan**

Sigma Theta Tau International, Chi Iota Chapter, AUB, member

## **VI. LOOKING AHEAD**

HSON plans to launch a number of new academic programs:

**A collaborative PhD in Nursing Science** proposal between Johns Hopkins University School of Nursing, University of Michigan SON and with FM and FHS at AUB has been approved and will be launched when approved by BOT and New York State Department of Education. The proposed PhD program is yet another first for Lebanon, and will add further capacity for HSON and the region by producing researchers needed to advance nursing science and improve health care.

**A MSN/MBA** dual degree program is being prepared in close collaboration with the Olayan School of Business. The graduates will bring a higher level of conceptual and practical expertise to the executive management of nursing and other services in healthcare organizations in Lebanon and the region.

**New Academic Programs:** HSON plans to expand on its current UG and GR academic programs and as such continues to contribute to the development of healthcare in Lebanon by preparing high quality graduates for which there is a strong demand in Schools/Colleges of Nursing, hospitals, and health services.

- At the UG level, the second degree program will need to be revisited to attract BA/BS graduates.
- The launching of a TS-BSN program to few eligible technical degree programs is being studied. TS graduates are in large numbers in Lebanon and HSON can target a select group who meet AUB admission requirements.
- At the GR level and in addition to the launching of the PhD program in Nursing Science, HSON will study the feasibility of launching new online/hybrid MSN tracks in areas such as Nursing Informatics, Nursing Research, Pediatric Nursing, and Nursing Education.

The availability of scholarships remains a major priority area for the success of the current and new programs. Endowment funds to that effect need to be established

- Postgraduate certificates in community nursing, critical care nursing, leadership and management, and nursing informatics will continue to be offered by REP.
- Summer Nursing Institutes: HSON will continue to collaborate with partners in the United States and with experts in the region and in Lebanon to offer high-quality courses on special topics. These courses are open to MSN and other AUB students and to participants from Lebanon and the region.
- Student recruitment will continue to be a priority. HSON will continue to award merit scholarships and is currently working with AUBMC to secure bursaries for BSN students.
- More emphasis will be placed on graduate recruitment at the national, regional, and international levels in close collaboration with AUB's Graduate Council.

- The recruitment of an endowed chair to direct HSON's Center for Nursing Research will continue to be a priority.
- Collaboration with AUBMC/Nursing Services continues to be an important priority for HSON.