

AMERICAN UNIVERSITY OF BEIRUT

Annual Report 2015



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 2015, the Hariri School of Nursing (HSON) celebrated 110 years of excellence in nursing education, research, leadership, and service. The school recruited a record number of undergraduate students, approved major revisions to the graduate academic program, and submitted a PhD proposal for approval. In addition, the Chi Iota Chapter of Sigma Theta Tau International (STTI) Honor Society in Nursing was chartered and officially recognized at the STTI convention in Las Vegas in November 2015. The Chi Iota Chapter is the first in the region. In addition, HSON, the director, and a graduate student were rewarded by the Scientific Society of Arab Nursing Faculties for distinguished work in academia and research at an official meeting held at AUB in April 2015.

The HSON 110th anniversary was celebrated under the motto **‘Expanding Boundaries and Enhancing Partnerships’**. In recognition of this important milestone a number of activities were planned. The first activity was a meeting on January 30th with directors of hospitals and nursing services in Lebanon. A panel of HSON MSN graduates gave moving presentations of how their education had allowed them to develop their specialized nursing roles in the country. The afternoon was capped with a public lecture by HSON alumna, Dr. Naeema AL-GASSEER, WHO representative for Sudan, who told her personal story of the deep and lasting effect AUB HSON and Lebanon had in shaping her thinking and in influencing her professional trajectory in nursing.

The second event took place on February 25, 2015. All deans and directors of schools of nursing in Lebanon were invited to a roundtable discussion on nursing research collaboration based on the WHO regional research priorities. During the 2 hour meeting, presentations were made by Dr. Huijer and all deans of SON in Lebanon. The third event took place on April 8, 2015 which was held in close collaboration with the Association of Arab Nursing Faculties (AANF). Deans of SON in the Middle East attended this meeting which aimed to explore possibilities for research collaboration at the regional level among research-active schools of nursing. Presentations were made by all attending deans and a summary of possible themes for research collaboration was presented. HSON will continue to coordinate this effort at the regional level.

To celebrate the 110th anniversary a 5’ promotional film was produced along with a history booklet on AUB School of Nursing.

The school continues to be proud of its achievements, which are detailed in this annual report.

Huda Abu-Saad Huijer RN, PhD, FEANS, FAAN
Professor and Director,
Rafic Hariri School of Nursing



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I. ORGANIZATION OF 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

Christine Abbyad, RN, PhD, Clinical Assistant Professor

Lina Abi Fakhr Kantar, RN, EdD, 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

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

Hala Darwish, RN, PhD, Assistant Professor

Nuhad Dumit, RN, MA, PhD, Assistant 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 effective September 1, 2015

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, Professor; Assistant Director for Academic Affairs

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

Visiting Faculty

Ibrahim Fakih, RN, MPH, Nursing Informatics Specialist

Adjunct Faculty

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 and Past Dean, 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

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

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

Academic Associates

Rana Abdel Malak, RN, MPH, Nursing Director, Bellevue Medical Center
Mona Nasrallah, MD, Associate Professor, AUBMC
Wafa Maalouf, Nursing Director, St. George Hospital
Salah Zein El-Dine, MD, Assistant Professor, Director Pulmonary Physiology Laboratory,
Director Graduate Medical Education, 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 Assistants

Julien Dirani, MA
Carmen Hamady, MA
Nadine Hamieh, MPH
Nora Kakati, MSN
Rachel Sabbagh, RN
Aida Zaaiteer, RN

Clinical Preceptors

Dania Abed, RN
Tracy Aghdamelian, RN
Ghina Arab, RN, MSN
Lamia Eid, RN, MSN
Abdelwahab Firkh, RN, MSN
Nayef Haidar, RN, MSN
Youssef Hajj Ali, RN, MSN
Samer Halabi, RN, MS
Shadi Halabi, RN
Aya Hammoud, RN
Mohammad Issa, RN, MSN
Bashir Itani, RN, MSN
Doaa Kamal, RN
Ahmad Kaskas, RN
Laila Kazan, RN, MSN
Ali Krayani, RN
Nisreen Kumberji, RN, MSN
Murielle Madi, RN
Hanadi Massalkhi, RN, MSN
Reine Nicodeme, RN
Myrna Saadeh, RN, MSN

Diana Wehbe, RN, MSN
Rafica Zaatari, RN, MSN

Graduate Assistants

Hana'a Abdul Salam
Aya El Khatib
Mohammad Hussein Haidar
Miray Harake
Nour Jabbour
Nora Kakati
Carole Maamari
Dina Mouzayen
Hanadi Saad
Rachelle Sabbagh
Hana Sahyoun
Reem Salem
Rola Shehadeh

B. STAFF

Ghassan Afram, BSN, TD, MPH, Executive Officer
Mira Abdallah, BS, Administrative Assistant effective August 18, 2015
Shereen Berjawi, BS, Administrative Assistant until May 6, 2015
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 effective November 15, 2015
Ilham Rustom, Secretary until October 30, 2015
Marwa Soubra, BS, MBA, IT Manager, Faculty of Medicine and Hariri School of Nursing
Jeanette Zeinati, Secretary

II. FACULTY ACTIVITIES

A. TEACHING ASSIGNMENTS 2014-15

Christine Abbyad

- Spring NURS 306A - Nursing Care of Children, Theory, 2cr., Coordinator
 NURS 306B - Nursing Care of Children, Practicum, 3 cr., 1.5cr., Clinical Coordinator
 NURS 306B - Nursing Care of Children, Simulation, 1 cr.
- Fall NURS 304A - Nursing Care of the Expectant Family, Theory, 1.cr., Co-coordinator
 NURS 304B - Nursing Care of the Expectant Family, Practicum 1.5cr., Clinical Coordinator
 NURS 304B - Nursing Care of the Expectant Family, Simulation, 1 cr.

Huda Abu-Saad Huijer

- Spring NURS 508 - Advanced Practice in Nursing Administration, Practicum, 2 cr., Coordinator
 NURS 598 - Project
 NURS 599 – Thesis
- Summer NURS 508 - Advanced Practice in Nursing Administration, Practicum, 2 cr., Coordinator
 NURS 598 – Project
- Fall NURS 508 - Advanced Practice in Nursing Administration, Practicum, 2 cr., Coordinator
 NURS 598 - Project

Marina Adra

- Spring NURS 302A - Nursing Care of Adults II, Theory, 1 cr., Coordinator
 NURS 302B - Nursing Care of Adults II, 1.5 cr., Clinical Coordinator
 NURS 302B - Nursing Care of Adults II, Practicum, 2 cr.
 NURS 302B - Nursing Care of Adults II, Simulation, 1 cr.
- Summer NURS 210 - Pathophysiology, Theory, 1 cr., Coordinator
- Fall NURS 300A - Nursing Care of Adults I, Theory, 1 cr., Coordinator
 NURS 300B - Nursing Care of Adults I, Practicum, 2 cr.
 NURS 300B - Nursing Care of Adults I, 1.5 cr., Clinical Coordinator
 NURS 300B - Nursing Care of Adults I, Simulation, 1 cr.

Mary Arevian

- Spring NURS 408A - Community Health Nursing, Theory, 2 cr., Coordinator
 NURS 408B - Community Health Nursing, Practicum, 3 cr.
- Summer NURS 524- Clinical Residency in Community/Public Health Nursing, 2 cr.

Fall NURS 408A - Community Health Nursing, Theory, 2 cr., Coordinator
 NURS 408B - Community Health Nursing, Practicum, 3 cr.
 NURS 528 - Advanced Practice in Community/Public Health Nursing, 1cr.

Tamar Avedissian

Spring NURS 408B - Community Health Nursing, Practicum, 3 cr.
 NURS 306B - Nursing Care of Children, Practicum, 2cr.
 NURS 306B - Nursing Care of Children, Simulation, 1cr.
 NURS 410 - Leadership and Management in Nursing, Practicum, 3cr.

Summer NURS 307 – Practicum 1

Fall NURS 408B - Community Health Nursing, Practicum, 3 cr.
 NURS 304B - Nursing Care of the Expectant Family, Practicum, 2 cr.
 NURS 304B - Nursing Care of the Expectant Family, Simulation, 1 cr.

Michael Clinton

Spring NURS 507 - Role Development in Nursing Administration, Theory, 3 cr., Coordinator
 NURS 598 – Project

Summer NURS 508 - Advanced Practice in Nursing Administration, 2 cr.
 NURS 598 – Project

Fall NURS 500 - Nursing Theory, 2 cr., Coordinator
 NURS 598 - Project

Hala Darwish

Spring NURS 502 - Advanced Nursing Research, Theory, 2 cr., Coordinator
 NURS 598 - Project
 NURS 599 - Thesis
 NURS 505 - Advanced Practice in Adult Care I, 1 cr. Co-coordinator

Fall NURS 406 - Nursing Research, Theory, 1.5 cr., Coordinator
 NURS 504 - Advanced Pathophysiology, Theory, 1 cr., Co-coordinator

Nuhad Dumit

Spring NURS 520 - Managing Quality with Teams, 3 cr.
 NURS 599 - Thesis
 NURS 598 – Project

Summer NURS 508 - Advanced Practice in Nursing Administration, 2 cr.
 NURS 598 – Project

Fall NURS 527 - Developing Health Services Programs, Theory, 3 cr., Coordinator

NURS 598 – Project

Souha Fares

Spring NURS 502 - Advanced Nursing Research, Theory, 2 cr., Co-coordinator
NURS 598 – Project

Summer NURS 203 - Biostatistics for Nurses, 3 cr.

Fall NURS 406 - Nursing Research, Theory, 1.5 cr., Co-coordinator
NURS 502 - Advanced Nursing Research, Theory, 4 cr., Coordinator
NURS 598 – Project

Laila F. Farhood

Spring NURS 402A - Mental Health and Psychiatric Nursing, Theory, 1 cr., Coordinator
NURS 518A - Group and Family Psychotherapy, Theory, 1 cr., Coordinator
NURS 518B - Group and Family Psychotherapy, Practicum, 2 cr., Coordinator
NURS 598 - Project

Fall NURS 402A - Mental Health and Psychiatric Nursing, Theory, 1 cr., Coordinator
NURS 501 - Foundations of Advanced Nursing Practice, Theory, 3 cr., Coordinator
NURS 519 - Clinical Residency in Acute Psychiatric Care, 2 cr., Coordinator
NURS 598 - Project

Taline Gulgulian

Spring NURS 202- Health Assessment, Practicum, 2cr.
NURS 306 – Nursing Care of the Children, Theory (1 section), 3cr.
NURS 306 – Nursing Care of the Children, Practicum (2 sections), 2cr.

Summer NURS 307- Practicum (2 sections)

Fall NURS 200 - Introduction to Nursing, (2 sections), 2cr.
NURS 304B - Nursing Care of the Expectant Family, Practicum, (2 sections), 4 cr.
NURS 304B - Nursing Care of the Expectant Family, Simulation, (2 sections), 2 cr.

Gladys Honein

Fall NURS 408A - Community Health Nursing, Theory, 1 cr.
NURS 408B - Community Health Nursing, Practicum, 3 cr.

Lina Kantar

Spring NURS 201A - Introduction to Nursing Practice, Theory, 1 cr., Coordinator
NURS 201B - Introduction to Nursing Practice, Practicum, 1 cr.
NURS 201B - Introduction to Nursing Practice, 1.5 cr., Clinical Coordinator
NURS 509 - Role Development in Nursing Education, Theory, 3cr., Coordinator

Fall NURS 300A - Nursing Care of Adults I, Theory, 2 cr., Coordinator
 NURS 300B - Nursing Care of Adults I, Simulation, 1 cr.
 NURS 300B - Nursing Care of Adults I, Practicum1, 2 cr.
 NURS 300B - Nursing Care of Adults I, 1 cr., Clinical Coordinator

May Khoury

Spring NURS 306A - Nursing Care of Children, Theory, 1 cr., Coordinator
 NURS 306B - Nursing Care of Children, Practicum, 3 cr.
 NURS 306B - Nursing Care of Children, 1.5 cr., Clinical Coordinator
 NURS 306B - Nursing Care of Children, Simulation, 1 cr.

Summer NURS 307 - Practicum I, (2 sections), 1 cr. Coordinator
 NURS 308V - Maternal and Child Nursing Theory and Practicum 0.5 cr. Coordinator

Fall NURS 304B - Nursing Care of the Expectant Family, Simulation, 1 cr.
 NURS 304B - Nursing Care of the Expectant Family, Practicum (2 sections), 6 cr.

Dina Madi

Spring NURS 202A - Health Assessment Course, Theory, 1 cr., Coordinator
 NURS 202B - Health Assessment Course, 1.5 cr., Clinical Coordinator
 NURS 306B - Nursing Care of Children, Practicum, 3 cr.

Fall NURS 304A - Nursing Care of the Expectant Family, Theory, 1 cr., Coordinator
 NURS 304B - Nursing Care of the Expectant Family, Practicum, 4 cr. (2 sections),
 Clinical Coordinator
 NURS 304B - Nursing Care of the Expectant Family, Simulation, 1 cr.

Hanadi Masalkhi

Spring NURS 402 Mental Health and Psychiatric Nursing, Theory, 1 cr., co-coordinator
 NURS 403B-Mental Health and Psychiatric Nursing, Clinical, 3 cr.
 Clinical Preceptor of NURS 201 Course-Introduction to Nursing Practice, 1 cr.

Summer NURS 307 Course-Practicum I

Fall NURS 402 Mental Health and Psychiatric Nursing, Theory, 1 cr., co-coordinator
 NURS 403B - Mental Health and Psychiatric Nursing, Clinical, 3 cr.

Angela Massouh

Spring NURS 410A - Leadership and Management, Theory, 1 cr., Coordinator
 NURS 410B - Leadership and Management, Practicum, 3 cr.
 NURS 410B - Leadership and Management, 1.5 cr., Clinical Coordinator
 NURS 411 - Leadership and Management, Practicum, 3 cr.

Summer NURS 210 - Pathophysiology, Theory, 1 cr., Co-coordinator

Fall NURS 400A - Critical Care Nursing, Theory, 2 cr., Coordinator
NURS 400B - Critical Care Nursing, Practicum, 3 cr.
NURS 400B - Critical Care Nursing, 1.5 cr., Clinical Coordinator

Samar Nouredine

Spring NURS 505A - Advanced Practice in Adult Care I, Theory, 2 cr., Coordinator
NURS 505B - Advanced Practice in Adult Care I, Clinical, 1 cr., Coordinator
NURS 598 – Project

Summer NURS 506 - Advanced Practice in Adult Care II, Practicum, 2 Cr., Coordinator
NURS 528 - Certification Practicum, 1 cr., Coordinator
NURS 598 – Project

Fall NURS 503A - Advanced Health Assessment, Theory, 2 cr., Coordinator
NURS 503B - Advanced Health Assessment, Practicum, 1 cr. Coordinator
NURS 504 - Advanced Pathophysiology, Theory, 2 cr., Coordinator
NURS 505 - Advanced Practice in Adult Care II, Theory, 2 cr., Coordinator
NURS 528 - Certification Practicum, 1 cr., Coordinator
NURS 598 – Project

Silva Salian

Spring NURS 302B - Nursing Care of Adults II, Practicum, (2 sections), 4 cr.
NURS 302B - Nursing Care of Adults II, Theory, 1 cr.

Summer NURS 302B - Nursing Care of Adults II, Theory, Tutoring 1cr.

Fall NURS 300B - Nursing Care of Adults I, Practicum, 3cr.
NURS 400B - Critical Care Nursing, Theory, 1 cr.
NURS 400B - Critical Care Nursing, Practicum, 2 cr.

Lina Younan

Spring NURS 200 - Introduction to Nursing, Theory, 2 cr., Coordinator
NURS 410 - Leadership and Management, Theory, 5 cr., Coordinator
NURS 411 - Leadership and Management, Practicum, 0 cr., Coordinator
NURS 598 – Project

Summer NURS 508 - Advanced Practice in Nursing Administration, Practicum, 2 cr.,
NURS 598 – Project

Fall NURS 200 - Introduction to Nursing, Theory, (2 sections), 4 cr., Coordinator
NURS 507 – Essentials of Nursing Administration & Management, Theory, 2cr.,
Coordinator
NURS 598 – Project

B. Winter NURSING INSTITUTE

Course Coordinator: Dr. Souha Fares

Course number and title: N530 Statistical Reasoning and Application in Nursing Research

Course Description: This class introduces students to the basic concepts and applications of statistics for Nursing research and how to carry these applications using SPSS. The emphasis is on interpretation and application rather than theoretical details. The course employs a variety of activities including lectures, computer lab sessions and critical appraisal of biostatistics in the health care literature. Topics include types of data, data management, descriptive statistics, and inferential statistics with a main focus on t-tests, ANOVA, chi-squared tests, Fisher's exact test and the assumptions underlying those tests. The primary objective of the course is to provide students with the skills necessary to understand basic statistical analyses and carry out those analyses using SPSS. The course does not require memorization of lengthy statistical formulae.

C. FACULTY RECRUITMENT/APPOINTMENTS

Recruitment:

HSOON advertised for regular faculty positions and for the Hariri Endowed Chair in Research 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), Minority Nurse, and at the Royal College of Nursing (RCN). Recruitment information was also mailed to leading schools of nursing, professional organizations, and to mailing lists in the United States and Europe.

Appointments:

- Gladys Honein, RN, PhD, Assistant Professor effective September 1, 2015

III. EDUCATIONAL ACTIVITIES

A. EDUCATIONAL PROGRAMS

BSN:

- Course descriptions, credit hours, and learning objectives did not change over the year as student evaluations were positive. However, because of the large class size, all BSN III courses were divided into two sections in the spring semester.
- NURS 304 (Nursing Care of the Expectant Family, Theory and Practicum). One section was team taught using a lecture format and modified team-based learning. Simulation activities used a combination of skill improvement and practice through scenarios.
- NURS 306 Nursing Care of Children (Theory and Practicum) was taught using audio enhanced PowerPoints for a team based learning approach.

MSN:

- A total of 60 students were enrolled October 2015 in the MSN program.
- Four tracks continue to be offered: Adult Care, Nursing Administration, Psychiatry and Mental Health Nursing, and Community Health Nursing.

- In light of the new essentials of Graduate Education by the Commission on Collegiate Nursing Education and the Advanced Practice Registered Nursing Model developed by the American Association of Colleges of Nursing, the Graduate Studies Committee revised its MSN program to be launched academic year 2015-2016.
- A number of students continue to do residencies abroad, namely at Johns Hopkins University and the University of Maryland.
- 23 students were inducted in the HSON Honor Society spring 2015.
- Town meetings were held to discuss student concerns, residencies, projects, and comprehensive exams. Information on the specific tracks is shown below.

Adult Care track:

A total of 4 students graduated in 2015.

A total of 17 students were enrolled October 2015.

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

One MSN student in the adult care track completed successfully the Scholars in Health Research Program (SHARP) summer 2015.

Administration track:

A total of 6 students graduated in 2015.

A total of 32 students were enrolled October 2015.

Students in the administration track have done 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 summer 2015.

Psychiatry and Mental Health Nursing track:

1 student graduated in 2015

4 students are enrolled as of October 2015

Community and Public Health Nursing track:

A total of 7 students were enrolled October 2015.

One student is doing a double major: MSN Community and Public Health Nursing and Psychiatry and Mental Health Nursing

Two students are doing double major community and public health nursing, and adult care nursing.

PhD Program:

HSON prepared & 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, critical analytical thinking, and the ability to communicate knowledge and ideas and to translate research findings into healthcare practice.

SIMULATION TECHNOLOGY at HSON:

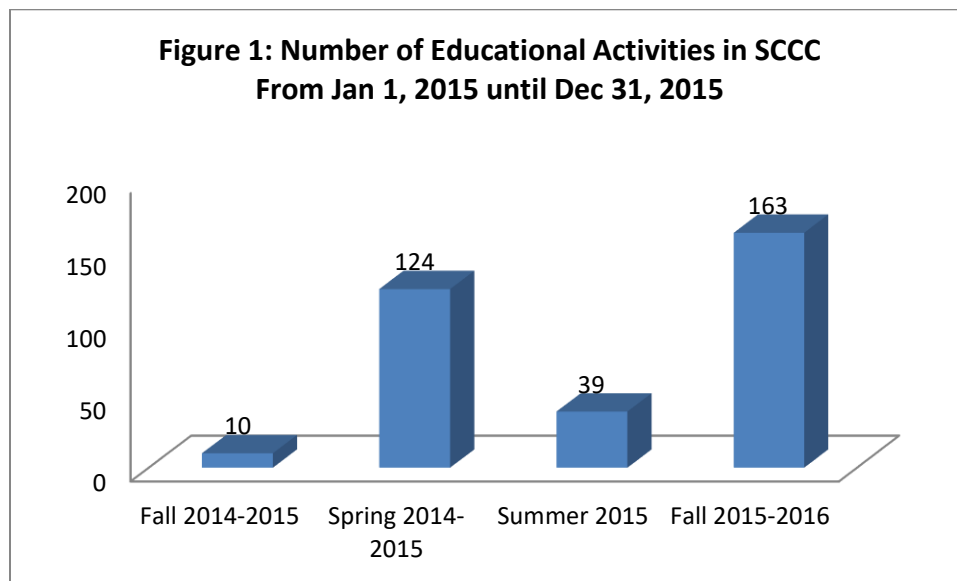
Summary of Activities:

From January 1 until December 31, 2015, the HSON Simulation and Clinical Competency Center (SCCC) supported 336 activities or simulation training experiences and 7,519 participants including HSON and Non-HSON users. HSON users are AUB nursing students enrolled in undergraduate or graduate nursing programs. Non-HSON users are students or professionals from the AUB community or from outside.

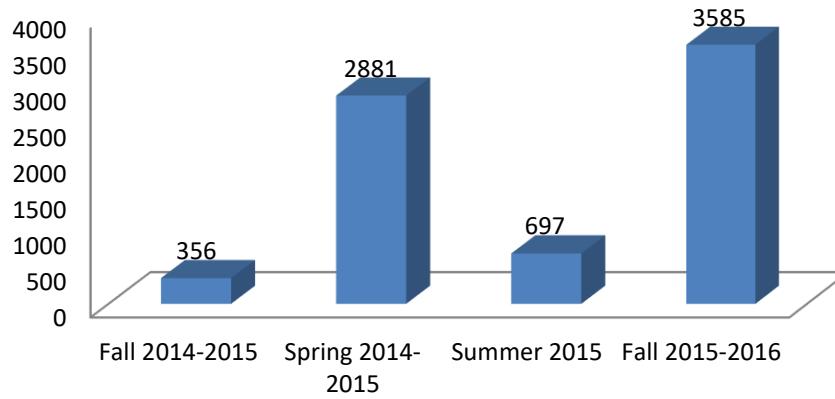
The SCCC has witnessed a 31.5 percent increase in the number of educational activities in the Fall 2015-2016 compared to Spring 2014-2015 (figure 1). An educational activity denotes the use of the lab regardless of the objectives or content of the learning/teaching encounter. Educational activities include a range from training sessions on basic skills to high fidelity simulation activities.

Similarly, the SCCC has witnessed a 24 percent increase in the number of participants in the Fall 2015-2016 compared to Spring 2014-2015 (figure 2). A participant is a person using the lab whether student, resident, nurse, or employee from the AUB/AUBMC community or outside.

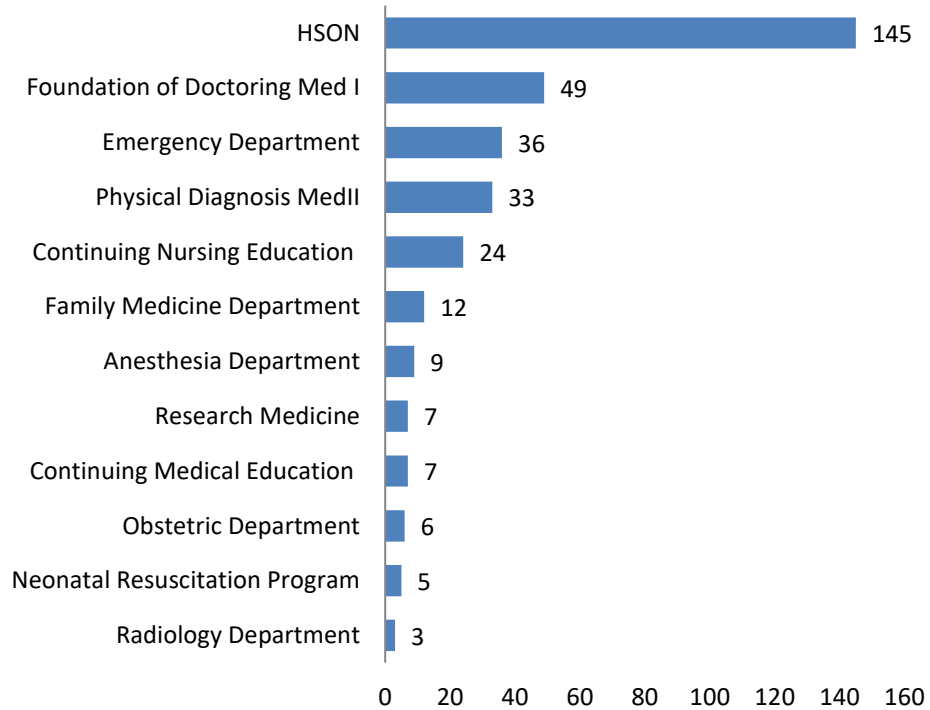
HSON ranked the second among the number of participants in the lab during 2015 (figure 4).



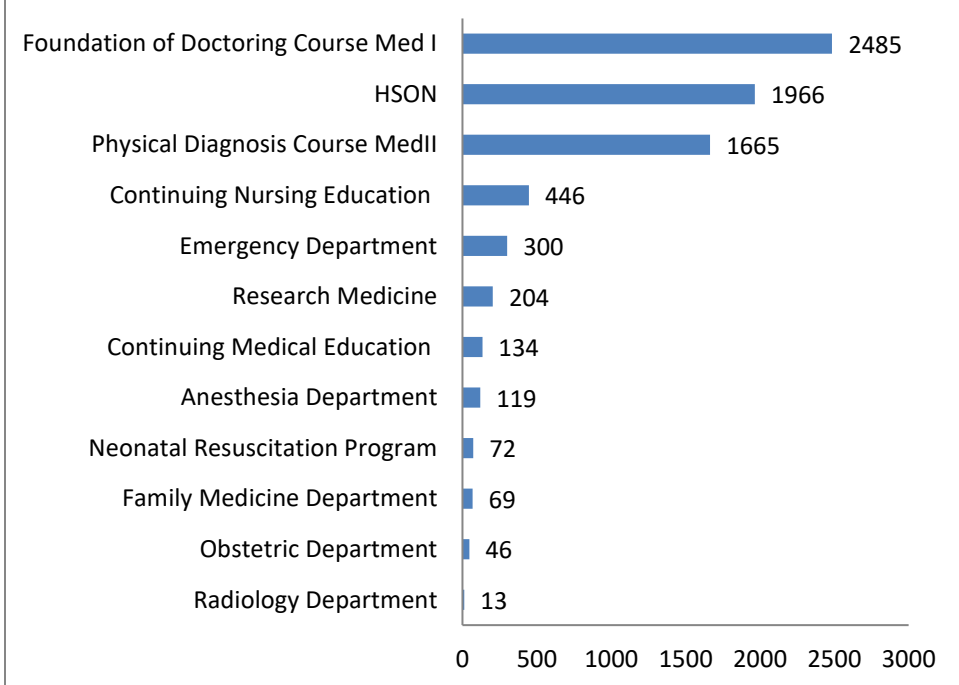
**Figure 2: Number of Participants in SCCC
From Jan 1, 2015 until Dec 31, 2015**



**Figure 3: Number of Activities by Department
From Jan 1, 2015 until Dec 31, 2015**



**Figure 4: Number of Participants by Department
From Jan 1, 2015 until Dec 31, 2015**



B. STUDENT ENROLLMENT/SCHOLARSHIPS

- The total number of applicants to the BSN program for 2015-16 was 341; the total number of accepted students was 186 and the total number who confirmed their enrollment is 55. This includes 2 early admissions, 5 transfers from outside AUB, 3 sponsored by USAID fund, and 1 working for a second degree.
- The total number of applicants to the MSN program for 2015-16 was 31; the total number of accepted students was 28 and the total number who confirmed their enrollment is 12.
- A total of **49** interviews were conducted with new BSN students, **41** were recommended for scholarships, and **23** enrolled. This scholarship is still attracting students who select nursing as their 3rd, 4th and 5th major choice in their application.
- The table below shows the student enrollment for the last five years:

Student Enrollment	BSN					MSN				
	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
Applied	232	287	285	349	341	46	40	38	47	31
Acceptance	146	151	141	179	186	40	38	33	42	28
New Enrolled	68	72	64	70	55	19	16	26	23	12
Yield	47%	48%	45%	39%	30%	48%	42%	79%	55%	43%
Committed	52	52	52	54	39	18	16	26	22	12

Total Enrollment	157	168	167	185	172	55	52	60	60	55
Female	80%	80%	81%	77%	72%	76%	77%	77%	75%	85%
Male	20%	20%	19%	23%	28%	24%	23%	23%	25%	15%
Lebanese	92%	90%	84%	81%	81%	87%	92%	93%	85%	93%
International	8%	10%	14%	19%	19%	13%	8%	7%	6%	7%

C. STUDENT RECRUITMENT AND MARKETING STRATEGY

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 in the Graduate Open House organized by the Graduate Council on February 4, 2015 to promote graduate programs. Similar to previous years, few applicants interested in the MSN program attended the open house.
- **AUB Annual School Fair:** HSON participated in the AUB Annual School Fair for undergraduate programs in April 2015.
- **AUBMC Open House:** On the 14th of May, HSON participated in the AUBMC open house to recruit nurses from all over Lebanon. SSO had a booth for the MSN program and Dr. Samar Nouredine presented the MSN program requirements.
- **Orientation for Palestinian students funded by the Unite Lebanon Youth Project (ULYP).** Upon the request of Mrs. Melek EL Nimer, Lynn Berbary and Tamar Avedissian gave presentations in August 2015 on the HSON nursing programs to potential candidates applying for ULYP funding.
- **Orientation for new nurses at AUBMC:** During the orientation for new nurses at AUBMC, Dr. Nouredine presented the MSN program requirements. This presentation became part of the orientation program organized by the CPDC.
- **School visits:** The HSON team visited eleven schools to recruit students. School counselors were contacted and a poster was sent to all schools inviting high school students to visit HSON simulation lab.
- **High School student's visits to HSON:** Interested students from St Joseph de L'apparition School and from Lycee Abdel Kader visited the school of Nursing. They visited the simulation lab, and Ms. Randa Farha presented a short scenario on the sim man. In addition, SSO provided information on the BSN program and FA/scholarships available.

D. STUDENT PROJECTS, THESES, RESIDENCIES, and ACTIVITIES

MSN STUDENT PROJECTS AND THESES

Name	Track	Project/Thesis	Project/Thesis Title	Project/Thesis Committee	Defense Date
Belal Al Rajoub	Adult Care Nursing	Project	The Prognostic Value of New Left Bundle Branch Block In Patients with Acute Myocardial Infraction: A systematic Review and Meta-Analysis	Dr. S. Nouredine Dr. E. Akl	16-Jan-15
Samar Al Chami	Adult Care Nursing	Project	Optimizing the Management of Patients Admitted with Acute Heart Failure	Dr. S. Nouredine Dr. H. Huijer	4-Feb-15
Salma Lameh	Nursing Administration	Project	Introducing a New Role in Nursing Administration at AUBMC: The Active Bed Manager	Dr. M. Clinton Dr. L. Younan	04-Feb-15
Sukaina Hijazie	Nursing Administration	Project	A Proposal to Restructure 6 North Pediatric Unit to Improve Bed Management	Dr. L. Younan Dr. M. Clinton	27-Apr-15
Bassam Itani	Nursing Administration	Project	The Feasibility of Implementing the Chronic Care Model in the Management of Diabetes at a Public Health Center in Lebanon	Dr. L. Younan Dr. H. Huijer	27-Apr-15
Zeinab Alfara	Adult Care	Project	Health Education Program for prevention of Coronary Artery Disease in Primary Health Care centers in Saudi Arabia.	Dr. S. Nouredine Mrs. M. Arevian	28-Apr-15
Elyse El Gharib	Nursing Administration	Project	Nurse Led Clinic for International Patients at AUBMC	Dr. N. Y. Dumit Dr. M. Clinton	29-Apr-15
Nora Kakati	Nursing Administration	Project	Exploratory Study of Collaborative perception: Physician-Nurse Communication and Stress in an Acute Hospital	Dr. M. Clinton Dr. S. Fares	29-Apr-15
Sandy Aziz	Nursing Administration	Project	Proposal to Implement a Quality and Safety Education for Nurses Initiative at AUBMC	Dr. N. Y. Dumit Dr. M. Clinton	30-Apr-15
Diana Wehbeh	Adult Care	Project	Educational Program for Liver Transplant Patients	Dr. S. Nouredine Dr. L. Kantar	30-Apr-15
Eva Tabarani	Nursing Administration	Project	Application of the Analytic Hierarchy Process to Student Decision Making: A Study of How Master of Science in Nursing Students Choose Topics for Capstone Projects	Dr. M. Clinton Dr. L. Younan	18-Nov-15
Bachir Itani	Adult Care	Project	Knowledge of Diabetes Mellitus, a Survey of Registered Nurses	Dr. S. Nouredine Dr. L. Kantar	16-Dec-15

Name	Track	Project/Thesis	Project/Thesis Title	Project/Thesis Committee	Defense Date
Ingrid Corbani	Adult Care	Project	Educational Program for Family Caregivers of Stroke Survivors	Dr. S. Nouredine Dr. L. Kantar	16-Dec-15

MSN STUDENT RESIDENCIES

Name	Track	Residency Term	Residency Supervisor	Residency Site	Preceptor	Preceptor Title
Zeinab Alfar	Adult Care	Spring 2014-2015	Samar Nouredine	AUBMC	Angela Massouh	Clinical Nurse Specialist
Hana'a Abd-ul-Salam	Nursing Administration	Spring 2014-2015	Michael Edward Clinton	AUBMC	Iman Kouatly	Nursing Director
Nora Kakati	Nursing Administration	Spring 2014-2015	Huda Abu-Saad Huijer	Johns Hopkins University	Myrna E. Mamaril	Nurse Manager Pediatrics
Mohammad Abbass	Nursing Administration	Summer 2014-2015	Lina Younan	AUBMC	Nada Nassar	Nurse Quality Manager
Nada Haidar	Nursing Administration	Summer 2014-2015	Nuhad Yazbik-Dumit	1st: AUBMC 2nd: Order of Nurses in Lebanon	Preceptor 1: Dr Lina Daouk Preceptor 2: Nathalie Richa	Preceptor 1: Director Preceptor 2: Director
Murielle Madi	Nursing Administration	Summer 2014-2015	Huda Abu-Saad Huijer	Johns Hopkins University	Mary Thomson	Nurse Manager
Farah Salhab	Nursing Administration	Summer 2014-2015	Huda Abu-Saad Huijer	John Hopkins University	Bobbie Tripp	Assistant Director
Eva Tabarani	Nursing Administration	Summer 2014-2015	Huda Abu-Saad Huijer	John Hopkins University	Preceptor 1: Eleni Flanagan Preceptor 2: Bobbie Tripp	Preceptor 1: Nurse Manager Preceptor 2: Assistant Director
Samar El Chami	Adult Care Nursing	Summer 2015	Samar Nouredine	AUBMC	Angela Massouh	Clinical Instructor
Joyce Abi Kharma	Adult Care	Fall 2015-2016	Samar Nouredine	University Of Maryland	Martha Francis	Nurse Practitioner
Mohamad Hussein Haidar	Adult Care	Fall 2015-2016	Samar Nouredine	University Of Maryland	Carla Arisco	CRNP
Nour Jabbour	Psychiatric Mental Health	Fall 2015-16	Laila Faris Farhoud	Ministry of Public Health	Dr. Rbih Chammai	Head of Mental Health

Name	Track	Residency Term	Residency Supervisor	Residency Site	Preceptor	Preceptor Title
Ali Krayany	Adult Care	Fall 2015-2016	Hala Darwish	AUBMC	Preceptor 1: Janane Hanna Preceptor 2: Dr. Johnny Salameh	Preceptor 1: Clinical Nurse Specialist Preceptor 2: Neurology Attending
Najla Moufarrej	Adult Care	Fall 2015-2016	Samar Nouredine	AUBMC	Rebecca El Asmar	Clinical Nurse Specialist
Dina Mouzayen	Psychaitric Mental Health	Fall 2015-16	Laila Faris Farhoud	Ministry of Public Health & WHO	Dr. Rabih Cahmmai	Head of Mental Health
Rachel Sabbagh	Psychiatric Mental Health	Fall 2015-2016	Laila Faris Farhoud	John Hopkins University	Mary Coper	Nurse Manager
Hana Sahyouni	Community and Public Health	Fall 2015-2016	Mary Arevian Bakalian	Araxy Blghourgian for the Socio Medical centers in collaboration with Ministry of Health	Virgin Khorshidian	Chair of the Public Health Department – Chair of the accreditation committee
Mariam Shatila	Community and Public Health and Adult Care	Fall 2015-2016	Mary Arevian Bakalian	Ministry Of Public Health	Dr. Rasha Hamra	Head of Health Education

STUDENT ACTIVITIES

Nursing students were involved in different community projects and activities in their Community Course during the 2014-15 academic year:

- **New Student Orientation:** Some undergraduate and graduate students provided testimonials and success stories on the nursing profession during the orientation of newly enrolled students.
- **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
- **Short film on the Hariri School of Nursing:** The Hariri school of Nursing produced a 5' film about the nursing programs at AUB. Some undergraduate and graduate students provided their testimonials and success stories about HSON which will be used for recruitment purposes.

- **Movie night:** Nursing students organized a movie night on April 24, 2015. The movie was "Fast & Furious 7". Refreshments were served during the movie
- **Graduation Gala Dinner:** Students, faculty, and staff celebrated the graduation of students at the end of May 2015 at Le Maillon restaurant. The Gala Dinner was animated by the nursing students, who shared their experience with the faculty and staff.
- **Simulation Lab Open House:** On Friday June 12, 2015, faculty, students and professionals participated in an open house organized by the Skills and Simulation Lab Coordinator Ms. Randa Farha, to celebrate the state-of-the-art simulation facility at the Hariri School of Nursing (HSN). HSN faculty and students led scenarios focused on key educational aspects of simulation as practiced at HSN.
- **NSS elections were held in October 2015:** The new cabinet consisted of the following:
 President: Ziad Karamah
 VP: Mohammed Taha
 Treasurer: Fatima Al – Dirani
 Secretary: Alison Haidar
 Class Representative (Junior): Mirna Hussein
 Class representative (Senior): Lara Kabalan
 Class representative (Graduate): Joelle Massouh
- **Bake Sale in November 2015:** Following the elections of the new NSS cabinet, NSS members organized a bake sale to raise money for the Allaeidine Droubi fund, victim of the November bombing. Students baked and wrapped cakes, biscuits, cookies and brownies to sell. They set a booth on campus, where they shared the cause with students, staff and the AUB community. The money raised through the bake sale and donations was donated to the family of the victim.
- **Christmas events during the month of December 2015:** Nursing students gathered in the lobby to set the HSN Christmas tree. With some crafting skills, they made their own ornaments from tongue depressors and syringes. They set two beautiful trees that brought a Christmas spirit to the lobby.
- **Donation in December 2015:** During the month of Christmas, the NSS collected money to give to a needy family. The chosen family consists of a woman with 4 children, a husband with cancer, and a mother-in-law who lives with them and undergoes hemodialysis. The family is in financial need which prompted NSS to collect donations to support them.

IV. ACCREDITATION AND STRATEGIC PLANNING

A. CCNE ACCREDITATION

- The BSN and MSN programs continue to be accredited by the Commission on Collegiate Nursing Education (<http://www.aacn.nche.edu/ccne-accreditation>) in the USA.
- The MSN program was revised based on the Masters Essentials and approved by the Board of Graduate Studies at AUB. The revised MSN program was submitted to CCNE and Department of Education in New York State for approval.
- HSON continues to be a regular member of the American Association of Colleges of Nursing.

B. STRATEGIC PLANNING; GOALS AND OBJECTIVES

The HSON strategic plan was recently revisited and consultations were held with HSON administrative and advisory committees for possible updates. The goals, objectives and strategic initiatives as well as key implementation steps were presented to the AUB administration at a retreat held on October 2-4, 2015. The HSON revised strategic plan and implementation steps are listed below.

Goal 1: To achieve status of free standing faculty

Objective 1.1: Increase the number of PhD prepared and research active faculty

Objective 1.2: Increase BSN and MSN student enrollment

Goal 2: To position HSON as the leading center for nursing education, research, & service in Lebanon and the region

Objective 2.1: Foster excellence in research

Objective 2.2: Foster excellence in teaching

Objective 2.3: Foster excellence in practice

Objective 2.4: Foster excellence in community service

Goal 3: To cultivate professional values of excellence, respect, tolerance, and Integrity

Goal 4: To achieve planned growth in high quality students and PhD prepared faculty

Objective 4.1: Publicize HSON Achievements

Objective 4.2: Recruit diversified high quality students

Objective 4.3: Recruit PhD prepared faculty

Goal 5: To maintain accreditation status

Goal 6: To continue fostering faculty and staff development

Objective 6.1: Foster faculty development

Objective 6.2: Foster staff development

Goal 7: To achieve Fiscal Balance

Objective 7.1: Increase BSN and MSN student enrollment

Objective 7.2: Increase HSON revenues

Strategic Initiatives

Goal 1: To achieve status of free standing faculty

Objective 1.1: Increase the number of PhD prepared and research active faculty

Initiatives:

- HSON11 01: Intensify recruitment of PhD prepared and research active faculty
- HSON11 02: Appoint endowed chair for research
- HSON11 03: Provide support for faculty development at PhD level
- HSON11 04: Increase extramural funding for research

Objective 1.2: Increase BSN and MSN student enrollment

Initiatives:

- HSON11 05: Intensify student recruitment strategies in Lebanon and internationally
- HSON11 06: Reactivate the MSN/MBA program with OSB.
- HSON11 07: Launch PhD program in collaboration with FM, FHS, & US university partners
- HSON11 08: Launch BA/BS-BSN second degree program
- HSON11 09: Develop interdisciplinary IPE courses in collaboration with FM and FHS.

Goal 2: To position HSON as a regional leader in nursing education, research, & service

Objective 2.1: Foster excellence in research

Initiatives:

- HSON11 01: Intensify recruitment of PhD prepared and research active faculty
- HSON11 10: Create opportunities to engage students in research
- HSON11 11: Allocate protected time for research
- HSON11 07: Launch PhD program in collaboration with FM, FHS, and US partners
- HSON11 12: Launch a Centre of Excellence in Nursing Research
- HSON11 13: Coordinate regional research initiatives through launching a WHO Collaborating Center for nursing research
- HSON11 14: Establish a network of Arab nurse researchers to promote research through the Association of Arab Nursing Faculties and Schools of Nursing in Lebanon

Objective 2.2: Foster excellence in teaching

Initiatives:

- HSON11 15: Apply innovative, state of the art evidence-based teaching methodologies

Objective 2.3: Foster excellence in practice

Initiatives:

- HSON11 16: Establish partnerships with AUBMC and other clinical facilities
- HSON11 17: Continue engaging graduate students and faculty in evidence-based practice projects

Objective 2.4: Foster excellence in community service

Initiatives:

- HSON11 18: Increase Interdisciplinary research with community organizations
- HSON11 19: Continue providing service to the community at the national and regional levels.

Goal 3: To cultivate professional values of excellence, respect, tolerance, and Integrity

Initiatives:

HSON11 20: Conduct concept mapping of professional and ethical content of the curriculum

HSON11 21: Organize regular workshops on ethics for all Levels of students.

Goal 4: To achieve planned growth in high quality students and PhD prepared faculty

Objective 4.1: Publicize HSON Achievements

Initiatives:

HSON11 22: Appoint a marketing consultant

Objective 4.2: Recruit diversified high quality students

Initiatives:

HSON11 05: Intensify student recruitment strategies in Lebanon and internationally

HSON11 23: Partner with mastersstudies.com to promote graduate student recruitment

HSON11 24: Continue to recruit international students through the American Association of Colleges of Nursing (AACN) Centralized Application System (CAS)

Objective 4.3: Recruit PhD prepared faculty

Initiatives:

HSON11 01: Intensify recruitment of PhD prepared and research active faculty

Goal 5: To maintain accreditation status

Initiatives:

HSON11 25: Continue quality improvement activities aligned with accreditation requirements

Goal 6: To continue fostering faculty and staff development

Objective 6.1: Foster faculty development

Initiatives:

HSON11 03: Provide support for faculty development at PhD level

HSON11 26: Support faculty exchange with partner universities.

Objective 6.2: Foster staff development

Initiatives:

HSON11 27: Continue to encourage staff to utilize AUB educational support programs

HSON11 28: Establish career ladder for staff

Goal 7: To achieve Fiscal Balance

Objective 7.1: Increase BSN and MSN student enrollment

Initiatives:

HSON11 05: Intensify student recruitment strategies in Lebanon & internationally

HSON11 29: Increase endowment funds for scholarships

Objective 7.2: Increase HSON revenues

Initiatives:

HSON11 30: Launch new degree programs

HSON11 31: Offer post basic certificates

HSO11 32: Continue to offer Summer Nursing Institute, workshops, courses, & consultancies.

Key Implementation Steps

1. Increase PhD holder & Research-Active faculty

- Recruit and appoint 2 new faculty annually. **Target of 2015-2016 achieved.** Currently HSON has 20 full time and 35 part-time.
- Recruit & appoint endowed chair for Nursing Research. **Recruitment is ongoing**
- Provide financial support to junior faculty to pursue their PhDs. **Four completed their PhDs and one is expected to finish in 2016.** Continue to support 2 junior faculty to improve capacity building.

2. Increase student enrollment

- Increase student enrollment. **Target of 165 UG students achieved;** new target of 200 conditional availability of bursaries & scholarships.
- Appoint a full time marketing and student recruitment officer to assist SSO in national, regional, and international student recruitment.
- Reinstate AUBMC bursaries and increase endowment for merit scholarships.
- Launch UG second degree programs; **BA/BS-BSN degree launched this year.**

3. Position HSON as a regional leader in nursing education, research, & service

- Launch new (interdisciplinary) Masters & PhD programs. **PhD proposal submitted for approvals.**
- Launch a Centre for Nursing Research; to be eventually designated as a WHO Collaborating Center.
- HSON to coordinate regional initiatives for research collaboration.
- Apply innovative state of the art curricular offerings using hybrid and distance learning to increase student enrollment. Install videoconferencing and state of the art facilities.
- Provide certificate and continuing nursing education programs nationally and regionally through REP. **Four certificates are offered and a good number will be offered in the region this year.**
- Increase academic space currently dedicated to the School of Nursing in the HSON building. Currently 40% of the space is occupied by AUBMC. In order to achieve the above activities short term, HSON will need to use the full space in the building.

V. RESEARCH AND SCHOLARLY ACTIVITIES

A. CURRENT HSON FACULTY RESEARCH

Principal Investigator: Chris Abbyad

Pregnant Women's Knowledge about Smoking, Breastfeeding, and Breast Cancer

The aim of the study was to determine pregnant women's knowledge about breastfeeding as a protection against breast cancer and about smoking as a risk factor for breast cancer.

Status: Data collection and analysis completed. Podium and poster presentations given.
Manuscript is being prepared for publication.

Principal Investigator: Chris Abbyad

The prevalence and risk factors for maternal postpartum depression at AUBMC.

The aim of the study is to ascertain prevalence and risk factors for postpartum women who have delivered at AUBMC.

Status: Data collection.

Principle 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 will follow the observational survey design. Data is being collected from three hospitals: AUBMC, St. George, and AinWezein. Face to face interviews are carried out using the Quality of Palliative Care Questionnaire-Adult (QPCQ-A) assembled 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: Ongoing

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: Manuscript accepted by the *International Journal of Older People Nursing*.

Principal Investigator: Muhieddine Al-Taki

American University of Beirut Medical Center Department of Surgery: Comparing Subacromial Injection of Platelet-Rich Plasma versus Methylprednisolone in Patients with Shoulder Subacromial Impingement Syndrome

The overall aim is to compare two treatments, platelet-rich plasma and corticosteroid injections into the subacromial space, with regards to symptomatic improvement, pain relief, and functional outcome in a randomized controlled clinical trial.

Coinvestigators: **Souha Fares**, Karim Masrouha, Robert Franjie

Funding: Intramural Funding AUBMC

Status: Data collection in progress.

Principal Investigator: Samir Atweh

The Effect of Aspirin and Clopidogrel on Bleeding, Platelet Aggregation, and Neuronal Damage after Moderate Brain Injury

The overall aims are to evaluate the effect of aspirin, clopidogrel, and both aspirin and clopidogrel on bleeding, platelet aggregation, and neuronal damage in rats after moderate brain injury.

Coinvestigators: **Hala Darwish**, Firas Koubaissy, Aida Habib

Funding: CNRS

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.

Coprincipal Investigators: Myrna Doumit, Sawsan Ezzeddine, Ursula Rizk

Coinvestigators: Nour Alayan and Leila Al-Ali

Design: Qualitative study using focus groups

Status: In progress. Data collection is complete. Transcription of focus group data is in progress.

Principal Investigator: Michael Clinton

Ethical Issues in Nursing: Validating the Ethical Issues Scale for Use in Lebanon

This study examined the cultural fit of the Ethical Issues Scale (EIS) and the Psychometric Characteristics of a 32 Item Modified Version of the Scale. Data were collected from 59 English speaking registered nurses at AUBMC. Data were analyzed using commercial software.

Disordered responses may be avoided in the future by using a five Likert scale. All EIS items need to be reworded if the EIS is to be used in studies in Lebanon because the scale is confusing. The dimensionality of the scale needs further exploration because principal component analyses (PCA) of residuals suggest the presence of additional dimensions. Additional EIS items are needed to improve targeting.

Coinvestigators: Nour Alayan and Leila El-Alti

Design: Pilot study

Status: Completed and a manuscript has been published.

Publication: **Clinton, M. E.**, Alayan, N., El-Alti, L. Rasch analysis of Lebanese nurses' responses to the EIS questionnaire. SAGE Open Aug 2014, 4(3) DOI:

10.1177/2158244014547182

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

Status: IRB application

Principal Investigator: Hala Darwish

The EBV Seropositivity, Vitamin D Level and Smoking Rate among Multiple Sclerosis patients compared to Healthy Individuals in Lebanon

The aims of this study are:

- To determine the prevalence of EBV infection in a sample of Lebanese MS and control adult subjects.
- To explore the relationship between viral capsid antigen (VCA) and Epstein-Barr nuclear antigen-1 (EBNA-1) titers with vitamin D levels and smoking among MS patients and controls.
- Examine the effect of vitamin D supplementation on EBNA and VCA titers in MS patients.

Co PIs: Samia Khoury

Funding: MPP- American University of Beirut

Status: ongoing

Principal Investigator: Myrna Doumit

Knowledge, Attitude, and Practice of Lebanese Women towards Breast Cancer, Breast Self-Examination, and Mammography

The overall aim is to assess the knowledge, practices, and attitudes of Lebanese women about breast self-examination (BSE), mammography, and breast cancer, and to identify potential barriers using Champion's Health Belief Model Scales.

Coinvestigators: **Souha Fares, Mary Arevian**

Funding: Lebanese American University

Status: Manuscript writing in process

Principal Investigator: Nuhad Dumit

Analyzing the Antecedents of Nurses in a Private and a Public Not-for-Profit 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 Oyry

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 for bedside nurses tailored to their needs. 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

Status: submitted for IRB approval

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

Status: 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 Nouredine**, 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. Three cohorts including two MSN students completed the SHARP summer certificate program.

Principal Investigator: Lina Kantar

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

The purpose of this study is 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 will be 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.

Coinvestigators: Angela Massouh and Silva Dakessian

Status: In progress

Principal Investigator: Lina Kantar

Case-based Instruction: A Framework from Experience

The intent of this research paper is primarily to determine the principles of teaching with case studies and to illuminate the significance of situated teaching in developing the health professionals of the future. Findings converged on four themes which highlight the principles of case-based teaching. The themes include: (1) motivating a dynamic learning environment, (2) realism, (3) prospects for synthesis, and (4) professional formation. An in-depth analysis of each

principle helped reveal directives to effectively structure case studies and to competently contextualize the teaching learning process.

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

Principal Investigator: Lina Kantar

Thinking Skills Developed from Case-based Instruction

The study aims at exploring the nature of thinking skills that can be developed from the case-based instructional approach. Data obtained from 16 nursing graduates who were exposed to case-based learning in two junior nursing courses and a senior course will be analyzed to identify the nature of thinking skills, currently perceived as the most essential skill in learning professional practice.

Status: In progress

Principal Investigator: Samia Khoury

American University of Beirut Medical Center Multiple Sclerosis Interdisciplinary Research (AMIR): A Comprehensive Multiple Sclerosis Database

The overall aims are to investigate the immunological regulatory and cognitive functions in multiple sclerosis and to develop database and bio-markers both to diagnose and follow the course of MS disease.

Coinvestigators: **Hala Darwish**, Bassem Yamout, Samir Atweh, Raja Sawaya

Funding: AUBMC MS Center Research Funds

Status: Ongoing

Principal Investigator: Samia Khoury

Immunological Pattern during Multiple Sclerosis Relapses and Response to Treatment (five years)

The overall aims are to investigate the immunological pattern during an MS relapse and response to treatment in order to follow the course of the disease.

Coinvestigators: **Hala Darwish**, Bassem Yamout, Samir Atweh, Raja Sawaya

Funding: AUBMC MS Center Research Funds

Status: Ongoing

Principal Investigator: Samia Khoury

Effect of Vitamin D Replacement on Immune Function and Cognition in MS Patients

The overall aims are to investigate the effect of Vitamin D on the immune system and cognitive performance in MS patients.

Coinvestigator: **Hala Darwish**

Funding: AUBMC MS Center Research Funds and Medical Practice Plan (MPP)

Status: Writing Report

Principal Investigator: Samia Khoury

Cerebrospinal Fluid, Urinary and Plasma Biomarker in Multiple Sclerosis (five years)

The overall aim of this study is to explore the cerebrospinal fluid, urine, and plasma of MS patients for biomarkers that will aid in the diagnosis and management of the disease progression.

Coinvestigator: **Hala Darwish**

Funding: Investigator start-up funds

Status: Ongoing

Principal Investigator: Samia Khoury

Correlation of Retinal Optical Coherence Tomography Findings with Cognitive Function in Patients with Multiple Sclerosis

The overall aim of this study is to explore the relationship between retinal GCIP and NFL findings and cognitive function, as well as clinical disability. To assess the change in the thickness of the retinal GCIP layer and macular volumes in patients starting on Fingolimod as compared to those started on Interferon.

Coinvestigator: **Hala Darwish**

Funding: Investigator initiated grant from Novartis

Status: Ongoing

Principal Investigator: Firas Koubeissy

Developing Sensitive and Specific Biosensor for Traumatic Brain Injury Biomarkers

The aims of this study are:

1. Develop and optimize an advanced conjugated capture TBI biosensor platform that is based on electrochemical techniques.
2. Develop and optimize a colorimetric sensor array based on gold nanoparticles to serve as a TBI biosensor platform
3. Validate the levels and presence of UCH-L1 and GFAP proteins via Western blotting technique. This sub aim serves as a quality control test confirming the correct setup of the above experiment
4. Establish the experimental rat TBI technique (CCI model). Bio fluids and tissue from TBI animals will be assessed using the biosensor assays developed in specific aim 1 and 2.

Co-PI: **Hala Darwish**

Funding: Farouk Jabre Award

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.

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

Status: Ongoing.

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: HSON Seed money

Status: Data entry in progress.

B. SCHOLARLY PUBLICATIONS 2015

- **Abu-Saad Huijer, H.**, Sagherian, K., Tamim, H. Validation of the Arabic version of the Memorial Symptom Assessment Scale among Lebanese Cancer Patients. *Journal of Pain and Symptom Management*. DOI:10.1016/j.jpainsymman.2014.08.014 50(1): 559–565
- **Abu-Saad Huijer, H.**, Saab, M. Hajjar, M. Palliative Care for Older Adults in Lebanon. *Lebanese Medical Journal*, In Press
- **Adra M. G.**, Hopton, J. & Keady J. (2015) Constructing the meaning of quality of life for residents in care homes in the Lebanon: perspectives of residents, staff and family. *International Journal of Older People Nursing*, published online on June 29, 2015.
- Al-Gharib RM, **Abu-Saad Huijer H**, Darwish H. Quality of care and relationships as reported by children with cancer and their parents. *Ann Palliat Med* 2015. doi: 10.3978/j.issn.2224-5820.2015.01.04
- Al-Gharib RM, **Abu-Saad Huijer H**, Darwish H. Evaluating quality of care , spirituality, and relationships among children with cancer and parents. *Lebanese Journal of Nursing* 2015, 4: 22-26.

- **Clinton, M.E.** Dumit, N.Y., El-Jardali, F. Rasch Measurement Analysis of a 25-Item Version of the Mueller/McCloskey Nurse Job Satisfaction Scale in a Sample of Nurses in Lebanon and Qatar. SAGE Open June 2015, DOI: 10.1177/2158244015592167
- Clinton, M., **Dumit, N. Y.**, & El Jardali, F. (2015). Rasch measurement analysis of a 25-item version of the Mueller/McCloskey Nurse Job Satisfaction Scale (MMSS-25) in a sample of nurses in Lebanon and Qatar. SAGE Open. DOI: 10.1177/2158244015592167
- Darwish H, Adra M, **Abu-Saad Huijer H.** Incorporating gerontological content in the nursing curriculum; the case of AUB School of Nursing. J Med Liban 2015; 63 (1): 21-26.
- **Darwish, H.** Zeinoun, P , Ghusn, P, Khoury, B, Tamim, H, Khoury, S.J. Serum 25-hydroxyvitamin D predicts cognitive performance in adults. Neuropsychiatric Disease and Treatment (2015) August:11 2217–2223
- Deek, H., Newton, P., Inglis, S., Kabbani, S., **Noureddine, S.**, MacDonald, P., Davidson, P. (2015). Heart health in Lebanon and considerations for addressing the burden of cardiovascular disease. Published on line in Collegian: The Australian Journal of Nursing Practice, Scholarship and Research, 22(3), 333-39.
- Deek, H., **Noureddine, S.**, Newton, P. J., Inglis, S. C., Peter S. MacDonald, P. S., & Davidson, P. M. (2015). A family-focused intervention for heart failure self-care: conceptual underpinnings of a culturally appropriate intervention. Journal of Advanced Nursing. Published online September 13, 2015. DOI: 10.1111/jan.12768
- **Dumit, N. Y.**, Magilvy, J. K., Afifi, R. (2015). The Cultural Meaning of Cardiac Illness and Self-care among Lebanese Patients with Coronary Artery Disease. Journal of Transcultural Nursing, in press. Published online before print February 17, 2015, doi: 10.1177/1043659615573080
- **Farhood, L;** Dimassi, H. (2015), Validation of an Arabic version of the GHQ-28 against the Beck Depression Inventory for Screening for depression in war-exposed civilians, psychological Reports: Measures & Statistics, 116, 2, 1-1\
- **Kantar, L.**, & Massouh, A. (2015). Case-based learning: What traditional curricula fail to teach. Nurse Education Today, 35(8), 8-14.
- Mouheidine, T, **Darwish, H.** Fawaz, L, Yamout, B, Tamim, H, Khoury, S.J. Risk factors of Multiple Sclerosis and associations with anti-EBV antibody titers: a retrospective case-control study in Lebanon. Clinical Immunology (2015) May: 158, Issue 1, 59–66.
- **Noureddine, S.**, Dumit, N.Y., Saab, M. (2015). Deciding to seek care for acute myocardial infarction in Lebanon. Clinical Nursing Research, 24(5), 487-503. DOI: 10.1177/1054773814548508

- Salloum, R.G., **Abbyad, C. W.**, Kohler, R.E., Kratka, A., Oh, L., Wood, K.A. (2015). Assessing preferences for a smoking cessation program in Lebanon: A discrete choice experiment. *Nicotine & Tobacco Research* DOI: 10.1093/ntr/ntu188
- Springer, R.A., **Clinton, M.E.** (2015) Doing Foucault: Inquiring into nursing knowledge with Foucauldian discourse analysis. *Nursing Philosophy*. 16,87-97. Article first published online : 12 FEB 2015, DOI: 10.1111/nup.12079

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. Sarah Abboud Title: Understanding Virginity from the Perspectives of Arab American Women; a Phenomenological Approach. **December 19, 2014**
- ✓ Dr. Houry Pouzantian: Title: Cardio-Vascular Investigations in Kidney Dysfunction, Hyperglycemia, and Aging. **January 7, 2015**
- ✓ In collaboration with FHS a joint seminar by Mr. Michael Villeneuve, title "A for spending, C for Results: the enduring paradox of Canada's health care system and lessons for Lebanon and other countries." **December 17, 2014**

C. EDITORIAL POSITIONS

Christine Abbyad

2012 Ongoing	Reviewer, <i>Journal of Transcultural Nursing</i>
2012 Ongoing	Abstract reviewer, International Conference on Cancer Nursing
2012 Ongoing	Abstract reviewer, Southern Nursing Research Society Annual Conference
2013 Ongoing	Reviewer, <i>Journal of Nursing and Health Sciences</i>

Huda Abu-Saad Huijer

1994 Ongoing	Associate editor and later member of Advisory Board, <i>International Journal of Nursing Studies</i>
1999 Ongoing	Member of Advisory Board, <i>Journal of Transcultural Nursing</i>
2000 Ongoing	Member of Editorial Board, <i>Scandinavian Journal of Caring Science</i>
2005 Ongoing	Member of Editorial Board, <i>Supportive and Palliative Cancer Care</i>
2005 Ongoing	Member of Editorial Board, <i>Journal of Nursing Scholarship</i>
2005 Ongoing	Reviewer, <i>European Journal of Pain</i>
2006 Ongoing	Member of 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
2010 Ongoing	Member of Editorial Board, <i>Lebanese Journal of Nursing</i>
2011 Ongoing	Reviewer, <i>Journal of Palliative Medicine</i>

2011 Ongoing	Member of Editorial Board, <i>IASP Insight Newsletter</i>
2011 Ongoing	Member of 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	Member of Editorial Board, <i>Annals of Palliative Medicine</i>
2014 Ongoing	Member of Editorial Board, <i>Alexandria Scientific Nursing Journal (ASNJ)</i>

Mary Arevian

2006 Ongoing	Reviewer, <i>Journal of Interprofessional Care</i>
2006 Ongoing	Reviewer, <i>Journal of Transcultural Nursing</i>
2008 Ongoing	Reviewer, <i>Journal of Women's Health</i>
2012 Ongoing	Reviewer, <i>The Japanese Journal of Nursing Sciences</i>
2012 Ongoing	Reviewer, <i>Journal of Health Promotion International</i>

Michael Clinton

2010 Ongoing	Editorial Board, <i>International Journal of Mental Health Nursing</i> , formerly the <i>Australian and New Zealand Journal of Mental Health Nursing</i>
2010 Ongoing	Editorial Board, <i>Journal of Psychosocial Nursing and Mental Health Services</i>
2010 Ongoing	Editorial Board, <i>Journal of Mental Health</i>
2010 Ongoing	Editorial Board, <i>Journal of Ethics in Mental Health</i>
2010 Ongoing	Editorial Board, <i>International Journal of Evidence-Based Healthcare</i>
2010 Ongoing	Review Panel, <i>Contemporary Nurse</i>
2010 Ongoing	Review Panel, <i>Infection Control and Hospital Epidemiology</i>
2010 Ongoing	Reviewer, <i>Journal of Adolescent Health</i>
2010 Ongoing	Reviewer, <i>Journal of Physical Activity and Health</i>
2010 Ongoing	Reviewer, <i>Infection Control and Hospital Epidemiology</i>

Hala Darwish

2011- Present	Editor, The Institute- The AUBMC Abu Haidar Neuroscience Institute Newsletter
2012 Ongoing	Reviewer, <i>Electrophoresis</i> (Peer Reviewed Journal)
2012 Ongoing	Reviewer, <i>Journal of Neurotrauma</i>
2012 Ongoing	Reviewer, <i>Journal of Clinical Immunology</i>
2013 Ongoing	Editorial Board, <i>Frontiers of Neurotrauma</i>

Nuhad Dumit

2008 Ongoing	Reviewer, <i>Journal of Nursing Management</i>
2009 Ongoing	Reviewer, <i>Journal of Interprofessional Care</i>
2011 Ongoing	Reviewer, <i>Avicenna Journal of Medicine</i>
2014 Ongoing	Reviewer, <i>Journal of Clinical Nursing Research</i>
2014 Ongoing	Editorial Board, <i>Nursing Management</i>

Laila Farhood

2006 Ongoing	Member of Editorial Board and Reviewer, <i>Journal of Transcultural Nursing</i>
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2007 Ongoing	Reviewer, <i>Journal of Social Science and Medicine</i>
2009 Ongoing	Reviewer, <i>Journal of Affective Disorders</i>
2010 Ongoing	Reviewer, <i>Journal of Traumatic Stress</i>
2010 Ongoing	Reviewer, <i>Journal of Social Psychiatry and Psychiatric Epidemiology</i>
2012 Ongoing	Reviewer, <i>International Journal of Mental Health Nursing</i>
2013 Ongoing	Reviewer, <i>Journal of Clinical Practice and Epidemiology in Mental Health</i>

Gladys Honein

2014 ongoing	Reviewer: British Medical Journal Open access
2015 ongoing	Reviewer: International Journal of Health Policy and Management

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 Noureddine

2008 Ongoing	Reviewer, <i>American Journal of Critical Care</i>
2008 Ongoing	Member of 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	Member, 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 & Lung: The Journal of Acute and Critical Care</i>
2013 Ongoing	Member, Editorial Board of the <i>European Journal of Cardiovascular Nursing</i>
2014 Ongoing	Reviewer, <i>Sultan Qaboos University Medical Journal</i>

Lina Younan

2014 Ongoing	Reviewer, <i>Journal of Nursing Management</i>
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D. SCIENTIFIC AND RESEARCH GRANT REVIEWS

Huda Abu-Saad Huijer

2010 Ongoing	External examiner, University of Jordan
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

Hala Darwish

2011-2015 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)

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 Noureddine

2013 Ongoing Supervisory panel member for doctoral student Hiba Deek, University of Technology, Sydney, Australia
 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, Faculty of Medicine Research Committee, AUB and University Review Board grants, AUB

E. SCHOLARLY LECTURES**Christine Abbyad**

- Abbyad, C., Ahmed, M., El Zein, J. “Pregnant Women's Knowledge about Smoking, Breastfeeding and Breast Cancer.” Poster presentation Sigma Theta Tau International, San Juan, Puerto Rico, July 24, 2015. Abbyad, C., “Lebanese University Smokers’

Huda Abu-Saad Huijer

- Abu-Saad Huijer, H. HSON 110th anniversary; Goals & Strategies. Presentation made to BOT on January 19, 2015. AUB HSON.
- Abu-Saad Huijer, H. Nursing Research at HSON. Presentation made at the roundtable discussion with deans of SON in Lebanon, February 25, 2015. HSON.
- Abu-Saad Huijer, H. Nursing Research at HSON. Presentation made at a meeting with deans of SON in region, April 8, 2015. HSON.
- Abu-Saad Huijer, H. Transformational Nursing Contributions to the Health Care Agenda, Jordanian Nursing Council, April 21-23, 2015. Amman, Jordan (Invited).

- Abu-Saad Huijer, H. Partnerships between Academia & Practice, WHO Regional Nursing Forum: The Future of Nursing and Midwifery in the Eastern Mediterranean Region, April 24, 2015. Amman, Jordan.
- Abu-Saad Huijer, H. Development of Nursing Scholarship at HSON. The First Asian Regional Conference. Global Nursing; Partnerships for Global Health. September 26, 2015. Yerevan, Armenia.
- Abu-Saad Huijer, H. Transformational Nursing Developments Impacting Health Care. Third International Nursing Congress, September 27-28, 2015. Yerevan, Armenia.
- Abu-Saad Huijer, H. Advancing the Nursing Research Agenda; Achievements & Challenges. Third International Nursing Congress, September 27-28, 2015. Armenia.
- Abu-Saad Huijer, H. Palliative Care and Palliative Care in Lebanon. Basics in Palliative and End-of-Life Care Course II; organized by HSON. September 18-19, AUB.
- Abu-Saad Huijer, H. Barriers & Misconceptions in Pain Relief & Palliative Care. Symposium on Pain Management, organized by National Committee for Pain Relief & Palliative Care, November 24, 2015, Beirut, Lebanon.

Nuhad Dumit

- Invited to speak on Leading and Managing others: Inspiring and Motivating People at the “Women’s Health across the Lifespan” symposium at Gefinor Rotana Hotel Beirut organized by AUB Medical Center, March 6-7, 2015
- Gave workshop on organizational communication and patient safety at Makassed General Hospital on June 12, 2015
- Gave workshop on organizational communication and patient safety to Rafic Hariri University Hospital on October 22, 2015

Souha Fares

- Grand round in the Research Education Sessions organized by the Clinical Research Institute at the American University of Beirut/AUBMC, January 2015, title: Descriptive data analysis.

Gladys Honein

- Introduction to qualitative research. SHARP –AUBMC- Research Education Unit- November 19, 2015.

May Khoury

- Presenter of the Interactive Techniques in Teaching Ethics to BSNIII students at HSON at AUB in the *Regional Ethics Teacher Training Course (ETTC) in the Arab States* , at the UNESCO Regional Bureau - Beirut ,June 8-11, 2015.

Lina Kantar

- Kantar, L. Situated Teaching: Principles and Directives. The 42nd Annual Professional Nurse Education Group (PNEG) Conference, October 23-25, 2015, Indianapolis, Indiana, USA.

Dina Madi

- “Health Assessment Workshop” at the United Arab Emirates, Sharjah - Sharjah University City, Maliha Road December 2015.

Angela Massouh

- Massouh, A. **introduction to Heart Failure**. Presentation at Updates in Heart Failure Care for Iraqi Nurses Workshop, Continuing Medical Education, AUB, Lebanon. April 2015.
- Massouh, A. **Management of Acute Heart Failure**. Presentation at Updates in Heart Failure Care for Iraqi Nurses Workshop, Continuing Medical Education, AUB, Lebanon. April 2015.
- Massouh, A. **Self-Care and Symptom Management in Heart Failure**. Presentation at Updates in Heart Failure Care for Iraqi Nurses Workshop, Continuing Medical Education, AUB, Lebanon. April 2015.

Samar Nouredine

- Nouredine, S. [Invited presentation]. Global challenges and barriers for nursing in CVD prevention. Presented at the American Heart Association Scientific Sessions, Orlando, Florida, USA. November 10, 2015
- Nouredine, S. Current state of attending to cardiac arrest in Lebanon at the third annual vascular medicine program retreat in Crowne Plaza hotel. December 12, 2015

Lina Younan

- Guest speaker on “Financial Planning” to senior BSN students at LAU, February 2015. As part of their Leadership & Management course (3 hrs).
- Guest speaker on “Handoff Communication” at (2hrs): at Makassed Hospital, June 2015.

VI. PROFESSIONAL PRACTICE/SERVICE

A. PROFESSIONAL PRACTICE

Christine Abbyad

- Breastfeeding Task Force, AUBMC
- Tobacco Control Research Group member
- Mayo Clinic certification as a tobacco treatment specialist
- Offered smoking cessation on an individual basis
- Offered prenatal childbirth classes to members of the AUB community
- Member, AUBMC OB Council

Huda Abu-Saad Huijer

- Member of the Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP).
- 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.
- Immediate past president Lebanese Society for the Study of Pain.

Marina Adra

- Hariri School of Nursing representative to the National Colloquium Committee, 2014.
- Consultation with the nursing director of Dar Al Ajaza Islamiyya Hospital to select nurse managers and supervisors and help develop leadership skills.

Nuhad Dumit

- Chairperson of the Continuing Education Committee of the Order of Nurses in Lebanon

Souha Fares

- Statistical Consultant. National survey of pupils with learning difficulties in Lebanese public schools

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)

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

- Faculty Learning Community on Integrating Higher Order Thinking in curriculum, AUB.
- Member, MEMA Taskforce, May 2015.

May Khoury

- Hariri School of Nursing representative to the National Colloquium Committee, 2015.
- 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.
- Attended the *Regional Ethics Teacher Training Course (ETTC) in the Arab States*, at the UNESCO Regional Bureau - Beirut, June 8-11, 2015.

- Coordinator and presenter in the workshop **BASICS IN PALLIATIVE AND END-OF-LIFE CARE -2** coordinated by The Hariri School of Nursing and the Faculty of Medicine in collaboration with the Continuing Medical Education Office at the American University of Beirut Medical Center (AUBMC) and Clinical and Professional Development Center (CPDC) to be held on September 18-19, 2015 at Hisham Jaroudi Auditorium, AUBMC.

Dina Madi

- Governance Committee, Chi Iota Chapter, Hariri School of Nursing Honor Society
- The Lebanese Health Association, Board Member

Angela Massouh

- Heart Failure Working Group, Lebanese Society of Cardiology, member.
- Leadership Succession Committee, AUB Honor Society, member.

Samar Nouredine

- Invited to present on 'Interdisciplinary approaches to Rehabilitation' at the Al Rahma Hospital conference on rehabilitation, Tripoli, Lebanon. October 10, 2015

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.
- Order of Nurses in Lebanon, MEMBER Disciplinary Board

B. HSON COMMITTEES

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
NSS Advisor, Ms. Angela Massouh

Other HSON Committees/Task Forces

- **HSON Search Committee**
Dr. Huda Abu-Saad Huijer (Chair)
Dr. Michael Clinton
Dr. Laila Farhood
Dr. Samar Nouredine
- **HSON Catalogue Committee**
Dr. Laila Farhood; Convener/Chair Master of Science in Nursing Program
Dr. Nuhad Dumit; Convener/Chair Baccalaureate Programs

➤ **HSON Newsletter Committee**

Dr. Christine Abbyad (Chair)
Dr. Marina Adra
Ms. Angela Massouh
Mrs. Lynn Berbary Najem
Mrs. Talin Gulgulian

➤ **HSON Social Committee:**

Dr. Lina Kantar, Chair
Mrs. May Khoury
Mrs. Lynn Berbary Najem
Mrs. Silva Dakessian
Ms. Randa Farha
Mrs. Taline Gulgulian

HSON Representatives on AUB, Faculty of Medicine, and AUBMC Nursing Service Committees:

AUB BOD: Dr. Huda Abu-Saad Huijer
AUB Budget Committee: Dr. Huda Abu-Saad Huijer
AUB REP Inter-Faculty Advisory Committee: Dr. Huda Abu-Saad Huijer
AUB Senate: Dr. Huda Abu-Saad Huijer, Dr. Michael Clinton
AUB Commencement Committee: Dr. Marina Adra
AUB Advising Website Committee: Dr. Dina Madi
AUB Unified Admissions Committee: Mrs. May Khoury
AUB GE Program: Dr. Marina Adra
AUB CTL Advisory Committee: Dr. Lina Kantar
AUB Board of Graduate Studies: Dr. Nuhad Dumit
AUB New Student Orientation Program Committee: Dr. Dina Madi
FM Research Committee: Dr. Samar Nouredine
FM Library Committee: Mrs. Mary Arevian
IRB: Dr. Michael Clinton, Dr. Hala Darwish
AUBMC NS Magnet Executive Board: Dr. Huda Abu-Saad Huijer
AUBMC NS Joint Committee HSON/Nursing Service: Mrs. May Khoury (Chair) & Dr. Dr. Chris Abbyad
AUBMC Critical Care Education Council: Dr. Lina Kantar
AUBMC Obs/Gyn Council: Dr. Dina Madi
AUBMC Pediatrics Council: Mrs. May Khoury

OTHER AUB COMMITTEES

Christine Abbyad

Tobacco Control Research Group, member

Huda Abu-Saad Huijer

Board of Deans, Ex-Officio member

AUB Strategic Planning Steering Committee, member
Expanded Advisory Committees, appointed member
REP Advisory Board, member
AUB Budget Committee, member

Marina Adra

Clearance Officer: School of Nursing
Faculty Learning Community on Blended Learning

Michael Clinton

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

Hala Darwish

Nurses Chapter President, WAAUB

Nuhad Dumit

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

Lina Abi Fakhr Kantar

Faculty Learning Community, AUB, member
Medical Education Council, AUB, member
Center for Teaching and Learning Advisory Committee, AUB, member
MEMA 2015 Taskforce, AUBMC, member

Dina Madi

AUB Traditional Orientation Program Committee (TOP)/School of Nursing representative

Angela Massouh

Nursing Student Society, adviser
Nurses Chapter, Vice President
Task Force on Heart Failure, member
Left Ventricular Assist Device Working group at AUBMC, member
Performance Improvement Committee at AUBMC, member
Leadership Succession Committee at the Sigma Theta Tau Chi Iota Chapter, member
Committee on Research in the Vascular Medicine Program at AUBMC, member
Committee on Academics and Continuing Medical Education in the Vascular Medicine Program at AUBMC, member

Samar Nouredine

Governance Committee, Hariri School of Nursing Honor Society since January 2013
AUB Ad Hoc Committee on Graduate Assistantships since Spring 2013
Advisory Board of the AUB Graduate Council

NATIONAL AND INTERNATIONAL COMMITTEES

Christine Abbyad

Sigma Theta Tau International, member
AUB School of Nursing Chi Iota Chapter, member
Lamaze International, member
Southern Nursing Research Society (SNRS), member
Association of Women's Health, Obstetrics, and Neonatal Nursing (AWHONN), member
Faculty United (local and USA chapters), member

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
Sigma Theta Tau International Chi Iota Chapter, AUB, 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
AUBMC Palliative Care Committee, member

Marina Adra

Order of Nurses in Lebanon, member
Armenian Relief Cross, member
Sigma Theta Tau International, Chi Iota Chapter, AUB, member

Nour Alayan

Order of Nurses in Lebanon, member
Academy of Medical-Surgical Nurses, member
Sigma Theta Tau International Chi Iota Chapter, AUB, member
International Nursing Association for Clinical Simulation and Learning, member

Mary Arevian

Sigma Theta Tau International Honor Society of Nursing, Lambda PI Chapter
Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, member
Armenian Relief Cross in Lebanon (ARCL) Advisory Board, secretary
Armenian Relief Cross in Lebanon (ARCL) Relations and Welfare Committee
Chair of the Health Committee of Armenian Relief Cross in Lebanon (ARCL)

Michael Clinton

Research Ethics Committee of University of Manchester, local adviser
College and Association of Registered Nurses of Alberta - Registered Nurse
Nurses Registration Board of Western Australia - Registered Nurse
Nurses Registration Board of Western Australia - Registered Psychiatric Nurse

Hala Darwish

Order of Nurses in Lebanon, member
Society for Neuroscience, member
Midwest Nursing Research Society, member

Nuhad Dumit

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

Souha Fares

United Nations Economic and Social Commission for Western Asia (UN-ESCWA), statistical consultant
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
Arab Forum for Social Sciences and Health, 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
Order of Nurses in Lebanon, member

Gladys Honein

College of Nurses of Ontario; Professional affiliation- Registration Number: 03- 0138 2 (non-practicing)

Lina Abi Fakhr Kantar

Alliance of Universities for Democracy, member (October 2011)
Sigma Theta Tau International Chi Iota Chapter, AUB, member

May Khoury

Order of Nurses in Lebanon, member
Sigma Theta Tau International Chi Iota Chapter, AUB, member

Angela Massouh

Order of Nurses in Lebanon, member
American Association of Critical Care Nurses, member
Lebanese Task Force on Heart Failure at the Order of Physicians in Lebanon, 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 Website Translation Committee at the European Society of Cardiology, member
Plenary Committee for the First Middle Eastern Heart Failure Conference, member
Examining Committee member for an applicant to the MBA program at St. Joseph University,
June 2013.

Dina Madi

Order of Nurses in Lebanon, member
The Lebanese Health Association, board member
Sigma Theta Tau International, XiPi Chapter, member

Samar Nouredine

Order of Nurses in Lebanon, member
Sigma Theta Tau International, RhO Chapter and Chi Iota Chapter, member
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

Lina Younan

Order of Nurses in Lebanon, member
Sigma Theta Tau International, Chi Iota Chapter, AUB, member

VII. 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, roundtable discussions with deans and directors of schools of nursing from Lebanon and the region to discuss possible research collaboration based on the WHO established research priorities, and a meeting with directors of hospitals and nursing services in Lebanon to promote and enhance the position of advanced practice nurses in Lebanon. The meeting, which took place on January 30, 2015, began with a welcome by Dr. Huijer stressing the important role education plays in the preparation of nursing students and nursing leaders for service in Lebanon, the Middle East, and beyond. This was followed by testimonials from nursing leaders in Lebanon about the importance of their education at AUB and the role that the school had played in their professional and personal lives. During the panel discussion that followed, HSON master’s program graduates gave moving presentations about how their education had enabled them to develop their individual specialized nursing roles. The afternoon concluded with a public lecture by Dr. Naeema Al-Gasseer, an alumna of the school and WHO representative for Sudan. Al-Gasseer spoke with great emotion of the deep and lasting effect that AUB, HSON, and Lebanon had had in shaping her thinking and in influencing her career path in nursing.

The meetings with deans and directors of schools of nursing in Lebanon and the region on February 25 and April 8 were equally compelling. Deans and directors presented their schools' programs of research and discussed ways they might work together. HSON will be coordinating this important effort.

AUB has prepared a short film about HSON that will be used to promote the school and its academic programs, and a video featuring students and graduates reflecting on the impact HSON has had on their personal and professional lives. The school will be hosting an international conference in October 2016 as part of the University's 150th anniversary celebrations.

VIII. REGIONAL EXTERNAL PROGRAMS/GULF ACTIVITIES

- HSON is involved in a number of regional consultancy projects coordinated by AUB's Office of Regional External Programs.
- 1. HSON developed a number of continuing nursing education workshops and short courses for the Ministry of health UAE through AUB REP agreement with the Ministry.
- 2. HSON started the continuing nursing education workshops and short courses for training nurses from UAE in December 2015 based on the above agreement. The courses/workshops offered so far include health assessment, pediatrics update, and critical care. Except for critical care which is a short course, the other two offerings were given twice to two different groups of nurses. The offering will continue through 2016.
- HSON is collaborating with REP to market its nursing certificate programs to corporate and individual clients nationally and regionally.

In collaboration with the Continuing Medical Education (CME) Office, HSON faculty members offered a full day seminar on palliative care to nurses from Lebanon with CE credits from the Order of Nurses in Lebanon.

IX. HONORS, AWARDS, AND RECOGNITIONS

AUB HSON won three awards offered by the Scientific Society of Arab Nursing Faculties and the awards were given on April 8, 2015.

1. HSON won the award for distinguished academic institution.
2. Dr. Huda Abu-Saad Huijer won the award for distinguished faculty member.
3. Mohamad Saab won the Master's Thesis Award. The thesis committee included Dr. Samar Nouredine (chair) and Dr. Huda Huijer from the school of nursing, and Dr. Jocelyn DeJong from the Faculty of Health Sciences.
4. Dr. Nuha Dumit was elected president of the Lebanese Order of Nurses, June 2015.
5. Dr. Samar Nouredine was inducted as fellow in the American Academy of Nursing, October 17, 2015
6. Dr. Samar Nouredine was elected as President of the Nurses' Chapter, Worldwide Alumni Association American University of Beirut, January 2015.

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). The second meeting took place in May 22-24, 2015 at Harvard University, Boston, USA.

X. 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

XI. 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 43rd Biennial Convention of STTI November 7-11, 2015 in Las Vegas, USA.

The Chi Iota chapter currently has 154 members; 131 were inducted during the chartering ceremony in September 2014 and 23 were inducted in May 2015. 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 : Dr. Huda Abu-Saad Huijer
- B. President- elect: Dr. Chris Abbyad
- C. Vice president : Mrs. Mary Arevian
- D. Treasurer: Mr. Ghassan Afram
- E. Secretary: Dr. Myrna Doumit
- F. Counselor: Dr. Dina Madi

XII. 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.

The inaugural meeting of the EAB took place on Monday, September 15, 2014, during which Dr. Martha Hill was elected as chair. Current and future developments at HSON as well as information on current and future academic programs were discussed. The Terms of Reference were revised and future plans for meetings approved.

The second meeting was held by teleconference on October 5, 2015. The agenda included HSON PhD proposal, HSON Centre for Nursing Research with the aim of becoming a WHO Collaborating Centre, BSN & MSN curricular developments, faculty recruitment including the endowed chair for nursing research, and possibilities for fundraising.

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, 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, 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. Nuhad Dumit

XIII. HSON NEWSLETTER

HSON published its Fall newsletter “2015: The Year in Review”. The newsletter includes faculty and school news, student activities, awards received as well as personal news about faculty and staff.

XIV. ACHIEVING FACULTY STATUS FOR HSON

HSON currently functions semi-autonomously:

- Dr. Huda Abu-Saad Huijer is an ex-officio member of the AUB Board of Deans.
- HSON processes all HSON appointments, reappointments, and promotions.
- HSON manages its own budget and continues to use surplus monies for HSON scholarships.
- HSON has a new organizational structure with two divisions.
- HSON currently has representatives on a number of task forces and AUB committees including the AUB Board of Graduate Studies Senate Committee.
- HSON faculty members were moved from 11-months to 9-month contracts
- Achieving full faculty status remains an important strategic goal for HSON.

XV. LOOKING AHEAD

HSON plans to launch a number of new academic programs:

- Accelerated BA/BS-BSN (second degree) program. A promotional campaign using the American Association of Colleges of Nursing Centralized Application Service for Nursing Schools (AACN NURSING CAS) along with national campaigns will continue to be used to recruit students for the program.
- Postgraduate certificates in community nursing, critical care nursing, leadership and management, and nursing informatics are currently being launched by REP.
- A PhD proposal was submitted to AUB for approvals. It will be launched in close collaboration with the Faculty of Health Sciences, the Faculty of Medicine, the Johns Hopkins University School of Nursing, and the University of Michigan School of Nursing.
- HSON is currently exploring the possibility of offering a nurse executive track.
- Summer and Winter 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 awarded 25 merit scholarships this year and will continue to work on securing 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. A number of joint appointments have already been approved.