

American University of Beirut
Rafic Hariri School of Nursing

Annual Report 2017

PREFACE

In 2017, the Rafic Hariri School of Nursing (HSON) PhD in Nursing Science proposal was approved by the Board of Graduate Studies, the AUB Senate, the Board of Trustees, and the New York State Education Department (NYSED). It will be launched AY 2018-19 in close collaboration with Johns Hopkins University and University of Michigan Schools of Nursing and with the Faculty of Medicine and the Faculty of Health Sciences at AUB.

We are proud to report that HSON has the highest number of PhD-holder nursing faculty in Lebanon and that its faculty has authored the highest number of scientific publications. On research productivity, we are proud to report that HSON accounts for 85 percent of Lebanon's and nearly 10 percent of the Arab world's nursing research output; its faculty are among the most productive and impactful nurse researchers in the Arab world.

In 2017, HSON ranked 147 out of 503 schools of nursing that offer graduate programs in the U.S. News & World Report Ranking.

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

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

Professor and Director,

Rafic Hariri School of Nursing

TABLE OF CONTENTS

	Page
I. The School of Nursing	
A. Faculty	4
B. Staff	7
C. Recruitment	7
D. CCNE Accreditation	8
E. Honors, Awards, and Recognitions	8
F. International Partnerships	15
G. HSON External Advisory Board (EAB)	16
H. Sigma Theta Tau International (STTI) Honor Society	17
I. HSON Newsletter	20
J. HSON Regional External Program	21
II. Faculty Activities	
A. Educational Programs	24
B. Faculty Teaching	27
C. Simulation Technology at HSON	30
D. Student Projects, Theses, Residencies	34
III. Student-Related Activities	
A. Student Enrollment/Scholarships	40
B. Student Recruitment and Marketing	43
C. Student Activities	44
D. Other Student Services and Resources	47
IV. Research and Scholarly Activities	
A. Current HSON Faculty Research	49
B. Scholarly Publications	63
C. Editorial Positions	67
D. Scientific Contributions and Research Grant Reviews	71
E. Scholarly Lectures	73
V. Professional Practice/Service	
A. Professional Practice	78
B. Service	82
VI. Looking Ahead	94

I. The School of Nursing

A. FACULTY

Director of the School of Nursing – 2003 to present

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

Faculty Members

Lina AbiFakhrKantar, RN, EdD, Clinical Assistant Professor

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

Coordinator

Nour Aayan, RN, MSN, Clinical Instructor, PhD; Promoted to Assistant Professor effective September 1, 2017

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, with FM Institutional Review Board (IRB) Office as Vice-Chair of the Social and Behavioral Sciences Institution Review Boards

Silva Dakessian Sallian RN, MPH, Clinical Instructor

Danielle Damianos, RN, MSN, Clinical Instructor

Hala Dawish, RN, PhD, Associate Professor, with FM /AUBMC as Managing Director, Abu-Haidar Neuroscience Institute

Nuhad Dumit, RN, MA, PhD, Associate Professor, CE/Offshore Program

Coordinator; Undergraduate Division Convener

Souha Fares, PhD, Assistant Professor

Laila Fairhood, 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

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

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

Angela M. Assouh, PhD, M.S.N., CNS; Promoted to Assistant Professor effective September 1, 2017 and Cardiology Clinical Nurse Specialist

Samir Noureddine, RN, PhD, FAHA, FAAN, Professor; Assistant Director for Academic Affairs

Hera Tashjian, RN, M.S.N., Clinical Instructor

Lina Younan, RN, M.S.N., DNP, Clinical Assistant Professor

New Faculty

Suzanne Dhaini, RN, Master in Child Studies, PhD, Assistant Professor effective September 1, 2017

Ghada Najjar Assaf, M.H.S. (Mental Health), PhD, Visiting Clinical Assistant Professor effective September 1, 2017

Part-Time

Ibrahim Fakh, BS, M.P.H., Nursing Informatics Post Graduate, Instructor; effective August 2017

Hanadi Masalkhi, RN, M.S.N., Clinical Instructor

Mymna Saadeh, BS, M.S.N., Clinical Instructor; effective January 2017

Adjunct Faculty

Continuing

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

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

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

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

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

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

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

Jason E. Farley, PhD, MPH, ANP-BC, FAAN, AACRN

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

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

Martha Hill, PhD, RN, FAAN, Dean Emerita & Professor, Johns Hopkins University School of Nursing, USA

Janean Holden, PhD, RN, FAAN, Collegiate Professor, Associate Dean for Research and Rachkham Graduate Studies, University of Michigan School of Nursing

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

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

Jody Rae Lori PhD, CNM, FACNM, FAAN

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

Fadia Shaya, PhD, MPH, Tenured Professor, University of Maryland School of Pharmacy; Assistant Professor, University of Maryland School of Medicine

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

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

Academic Associates

Continuing

Rana AbdelMalak, RN, MPH, NEA-BC, PhD, Director of Nursing, Bellevue Medical Center

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

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

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

Mona Nasrallah, MD, Associate Professor, AUBMC

Salah Zein El-Dine, M D , 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 Dawish with FM /AUBMC as Managing Director of the Abu-Haidar Neuroscience Institute

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

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

Research Associates and Assistants

Zepur Ahanorian, BS, M SN Student

Mariam Bayram , BA

Rachele Bejjani, BS, M SN

Lara Chamaa, BS, M PH

Suzanne Dhaini, PhD

Elizabeth Dyer, M SN

Caroline El-Rayes, M PH

Natalie Faran, BS, BA

Caroline Hamadi, PhD Student

Sani Hlais, M D , M PH

Nagibeh Khalil, BS

Leila Nasrallah, M S Student

Houry Nazaretian, M SN

Naify Ramadan, M S

Hanadi Saad, M SN Student

Siham Safa, TS

Batoul Safieddine, BA

Aida Zaiter, BS, M SN

Clinical Preceptors

Mohammad Abbas, RN , M SN
Dania Abed, RN , M SN
Joyce AbiKhamra, RN , M SN
Zepur Aharonian, RN , M SN Student
Samer AlHabibi, M SN Rachele
Bejjani, RN , M SN Hassan
Charafeddine, RN , M SN Hala
Dagher, RN
Lamia Eid, RN , M SN
Randa ELandari, RN
Nay Ezzeddine, RN , M SN Student
Aya Hammoud, RN , M PH
Lynda Hashem , RN , M SN
Yara Hazouri, RN , M SN Student
Mohammad Issa, RN , M SN
Zeinab Jammoul, RN , M PH Student
Doaa Kamal, RN , M PH
Ahmad Kaskas, RN
Murielle Madi, RN , M SN
Sarine Malkdjan, RN , M SN Student
Mira Obeid, RN Mireille
Shehadeh, RN Rafika
Zaatari, RN , M SN

Graduate Assistants and Research Assistants

Zepur Aharonian
Mariam Assaf
Nay Ezzeddine
Dounia Iskandarani
Cynthia Rizkallah

B. STAFF

Mira Abdallah, BS, Administrative & Student Services Assistant

Patricia Assaf Chedid, BA, M BA, Executive Officer/Financial Officer

Lynn Barbary Najm, BBA, M BA, Student Services and Recruitment Officer

Ibrahim Bkdashi, BS, IT Field Support Technician; effective March 2017

Rabih Daher, Junior Clerk

Aba Fawzi Dika, BS, IT Field Support Technician until February 2017

Randa Farha, BSN, M SN, M PH, Simulation and Clinical Competency Center
Coordinator

Nisrine Ghalyini, BA, Graduate Division Administrative Assistant

Maher Itani, IT Manager, Masters in Engineering, CCE; effective October 2017.

Mawa Soubra, IT Manager BS, M BA, Faculty of Medicine and Hariri School of
Nursing until October 2017.

Jeanette Zeinati, Secretary

C. RECRUITMENT

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

D. CCNE ACCREDITATION

- The BSN and M SN program s continue to be accredited by the Commission on Collegiate Nursing Education (CCNE) (<http://www.aacn.nche.edu/ccne-accreditation>) in the USA.
- The revised M SN program based on the Master's Essentials was approved by CCNE in August 2017 and by the Department of Education in New York State.
- HSON submitted the Continuous Improvement Progress Report (CIPR) to CCNE on December 1, 2017. The CIPR is required for accreditation.
- HSON continues to be a regular member of the American Association of Colleges of Nursing.

E. HONORS, AWARDS, AND RECOGNITIONS

Huda Abu-Saad Huijer

Received the Princess Mona Regional Award for Excellence in Nursing for 2017 in recognition of significant contributions to healthcare across borders and dedication and leadership in nursing at the regional level.

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

Hala Darwish

Received the International Organization of Multiple Sclerosis Nurses Award (IOMSN).

Nuhad Dumit

Received the Maha Khoury Award granted by the Faculty of Nursing, Université Saint Joseph (USJ). Received a Recognition of Achievement award by the Ambassador/Embassy of Kingdom of Saudi Arabia, May 13, 2017

Laila Farhood

Elected as a board member for the International Association for Women's Mental Health regional section.

Received the Distinguished Nursing Research Award by the Scientific Society of Arab Nursing Faculties.

F. INTERNATIONAL PARTNERSHIPS

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

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

G. HSON EXTERNAL ADVISORY BOARD (EAB)

Mandate and Purpose of the EAB

The External Advisory Board of the Rafic Hariri School of Nursing includes invited members from leading universities engaged in baccalaureate and graduate nursing education and research, leaders of nursing and healthcare 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 Advisory Board has approved the PhD in Nursing Science proposal and the proposal on achieving full Faculty status for HSON. EAB is consulted on a regular basis on important academic developments at HSON.

H . SIGMA THETA TAU INTERNATIONAL (STTI) HONOR SOCIETY

The board of the Chi Iota Chapter is as follows:

- A. President: Dr. Dina Madi
- B. President- elect: Dr. Lina Kantar
- C. Vice president: M rs. Ursula Rizk
- D. Treasurer: Dr. Hiba Deek
- E. Secretary: M rs. Bahía Abdallah El-Moufti
- F. Counselor: Dr. Angela M assouh
- G. Founding President: Dr. Huda Abu-Saad Hujjer
- H. Immediate Past President: M rs. M ary Arevian

Chi Iota Committees:

Leadership Succession Committee:

- 1. M rs. Helen Nuwayhid; Chair
- 2. Dr. Nour Akyan
- 3. M rs. Tam ar Avedissian

Governance Committee:

- 1. Dr. Sam ar Noureddine; Chair
- 2. M rs. Danielle Damianos; Member
- 3. M s. Roula Awwad

ACTIVITIES:

Induction Ceremony in May 2017 during which Dr. Myrna Doumit, the regional STTI representative, addressed the members.

Business meeting planned for November was postponed until January 2018 for logistical reasons.

Created a Facebook account for the Chi Iota Chapter.

I. HSON NEWSLETTER

HSON issue Number 6 was circulated in March 2017. The newsletter included: a message from the HSON Director, important HSON and faculty news, Chi Tota Chapter Activities, and interviews with new faculty..

J. HSON REGIONAL EXTERNAL PROGRAMS

Continuing Education in UAE

The Hariri School of Nursing (HSON) in collaboration with the Continuing Education Center of the office of Regional External Programs (REP) provided a number of courses to Registered Nurses and Nurse Leaders in the United Arab Emirates in 2017. These offerings are part of an agreement that was signed and renewed between AUB REP and "The United Arab Emirates Ministry of Health" to support nursing training and education.

In 2017, 210 participants from different hospitals and centers in Dubai attended the following courses:

- "Pain Assessment and Management" provided by Dr. Dina Madi and Mrs. Janane Hanna in February 2017 and then again in October 2017.
- "Medication Management Principles and Practice" provided by Dr. Lina Kantar and Mrs. Danielle Damianos in February 2017 and by Dr. Nour Alayan and Mrs. Danielle Damianos in September 2017.
- "Clinical Leadership Course Part I" provided by Dr. Rana AbdelMalak and Dr. Gladys Honein in March 2017.
- "Oncology Course" provided by Mrs. Danielle Damianos and Mrs. Rebecca Al Asmar in September 2017.
- "Clinical Leadership Course Part II" provided by Dr. Rana AbdelMalak and Mrs. Hera Artinian in October 2017.

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

Mohammad AlM ana' College for Health Sciences (MACHS)

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

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

HSON faculty were involved in the following consultations in 2017:

- In April 2017, HSON faculty met the MACHS team and started the planning phase. They also worked with students to demonstrate several case scenarios of different specialties in the simulation lab thereby providing MACHS with an introduction to how simulation technology can be used in teaching.
- In October 2017, the faculty reviewed more than 40 MACHS documents that addressed accreditation readiness, curriculum, and courses and provided appropriate recommendations.

HSON will be involved in future MACHS-related projects such as providing workshops and training on nursing simulation, assisting MACHS in setting up their own simulation lab, reviewing MACHS post-graduate programs, and assisting MACHS in the recruitment of key administrative and teaching positions.

II. FACULTY ACTIVITIES

A. EDUCATIONAL PROGRAMS

Bachelor of Science in Nursing (BSN):

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

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

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

Master of Science in Nursing (MSN):

A total of 45 students enrolled in the MSN program in October 2017.

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

A number of students undertook residencies at Johns Hopkins University, the University of Maryland, Partners MS Center at Brigham and Women Hospital in Boston, and the Cleveland Clinic in Dubai.

Nine students were inducted in the HSON Chi Iota Chapter spring 2017. Town meetings were held to discuss student concerns, residencies, projects, and comprehensive exams.

Information on the specific tracks is detailed below.

Adult Gerontology Clinical Nurse Specialist track:

Three students graduated in 2017.

A total of 17 students were enrolled October 2017.

Students in the Adult Gerontology Clinical Nurse Specialist track completed residencies at the Partners M S Center at Brigham and Women Hospital in Boston (1) and at AUBMC (4).

Nursing Administration and Management track:

A total of 7 students graduated in 2017.

A total of 15 students were enrolled October 2017.

Students in the Nursing Administration and Management track completed residencies at Johns Hopkins University (1), AUBMC (2), and Cleveland Clinic Dubai (1).

Psychiatry and Mental Health Clinical Nurse Specialist track:

A total of 6 students were enrolled October 2017.

Community and Public Health Nursing track:

One student graduated in 2017.

A total of 11 students were enrolled October 2017.

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

One student is doing a double major in Community and Public Health Nursing and Adult Care Nursing.

PhD Program :

HSON prepared and submitted a PhD proposal in close collaboration with the Faculties of Health Sciences and Medicine and with international partners, namely, Johns Hopkins University School of Nursing and the University of Michigan School of Nursing. The doctoral program aims to provide rigorous training for research careers in nursing and the healthcare arena. It will provide students with the opportunity to develop their capacity for scholarly and independent work, improve critical analytical thinking, refine their ability to communicate knowledge and ideas, and to be able to translate research findings into healthcare practice.

The PhD proposal was approved by HSON Graduate Division, Graduate Studies Committee, HSON External Advisory Board, Board of Graduate Studies, AUB Senate, Board of Trustees, and the New York State Education Department (NYSED) and will be launched AY 2018-19.

B. FACULTY TEACHING

Spring semester 2016-2017

Course Number	Course name	Credits	Faculty
NURS 200	Introduction to Nursing	2	L. Younan
NURS 201	Introduction to Nursing Practice	2	L. Kantar, S. Dakessian Sallian
NURS 202	Health Assessment	2	D. Madi, T. Gulgulian
NURS 203	Biostatistics for Nurses	3	S. Fares
NURS 302	Nursing Care of Adults II	5	M. Adra, A. Massouh, N. Akayan, S. Dakessian Sallian
NURS 306	Nursing Care of the Children	5	M. Khoury, D. Madi, T. Gulgulian, D. Damianos
NURS 402/312	Mental Health and Psychiatric Nursing	5	L. Farhood, H. Masalkhi, M. Saadeh

NURS 408	Community Health Nursing	5	M .Arevian, G .Honein, T.Avedissian
NURS 410/313	Leadership & Management Theory	5	L. Younan, T. Avedissian, H .Tashjian, D .Damianos, S. Dakessian
NURS 411	Leadership & Management Practicum	0	L. Younan, T. Avedissian, S. Dakessian Sallian
IPEC 300	Inter-professional Education		M .Adra, N .Dumit, S.Noureddine, G .Honein
NURS 502	Advanced Nursing Research	3	H .Dawish, S. Fares
NURS 503	Advanced Health Assessment	3	S.Noureddine
NURS 503A	Advanced Health Assessment	1	S.Noureddine
NURS 505B	Advanced Practice in Adult Gerontology	4	S.Noureddine, H . Dawish
NURS 506	Residency-Advanced Practice in Adult Gerontology	4	S.Noureddine
NURS 508	Residency-Advanced Practice in Nursing Administration	4	M .Clinton, N .Dumit, H . Huijjer, L. Younan
NURS 509	Role Development in Nursing Education	3	L. Kantar
NURS 512	Advanced Psychiatric and Mental Health Assessment	2	L. Farhood
NURS 516	Psychopathology and Human Behavior	3	L. Farhood
NURS 520	Managing Quality with Teams	3	N .Dumit
NURS 522	Principles and Practice of Community/Public Health Nursing	3	M .Arevian, G .Honein
NURS 524	Residency in Community Health Nursing	4	M .Arevian, G .Honein
NURS 525	Transformational Leadership for Nursing Practice	3	M .Clinton
NURS 526	Comprehensive exam	0	L. Farhood

NURS 598	Project	3	M .Arevian, M .Clinton, n .Dum it, L. Farhood, H . Daw ish, G .Honein, H . Huijer, S.Noureddine, L. Younan
NURS 598A	Project	3	M .Arevian, M .Clinton, n .Dum it, L. Farhood, H . Daw ish, G .Honein, H . Huijer, S.Noureddine, L. Younan
NURS 599	Thesis	6	M .Arevian, M .Clinton, n .Dum it, L. Farhood, H . Daw ish, G .Honein, H . Huijer, S.Noureddine, L. Younan

Sum m er sem ester 2016–2017

Course num ber	Course nam e	Credits	Faculty
NURS 210	Pathophysiology	2	A M assouh
NURS 307	Practicum I	0	T.Gulgulian, T. Avedissian, D.Dam ianos, S.Dakessian, H .Tashjian, H .M asalkhi
NURS 506	Residency-Advanced Practice in Adult Gerontology	4	H .Daw ish, S.Noureddine
NURS 508	Residency-Advanced Practice in Nursing Adm inistration	4	L. Younan
NURS 524	Residency in Com m unity Health Nursing	4	M Arevian, G Honein
NURS 598	Project	3	H .Huijer
NURS 598A	Project	3	N Dum it, G Honein
NURS 598B	Project	3	M .Clinton, H .Daw ish, N .Dum it, S. , G .Honein, Noureddine

NURS 599	Thesis	6	H. Huijjer
NURS 599A	Thesis	6	M. Clinton, H. Dawish, N. Dumit

Fall semester 2017–2018

Course number	Course name	Credits	Faculty
NURS 200	Introduction to Nursing	2	L. Younan, T. Gugulian, M. Khoury
NURS 300	Nursing Care of Adults I	5	M. Adha, L. Kantar, N. Alyan, S. Dakessian Saïlan
NURS 304	Nursing Care of the Expectant Family	5	D. Madi, M. Khoury, T. Avedissian, D. Damianos, T. Gugulian, S. Dhaini
NURS 406	Nursing Research	3	G. Honein, S. Dhaini
NURS 404	Nursing Informatics	2	I. Fakh
NURS 400	Critical Care Nursing	4	A. M. Assouh, H. Tashjan
NURS 402	Mental Health and Psychiatric Nursing	5	G. Assaf, L. Fairhood, H. Masalkhi, M. Saadeh
NURS 408	Community Health Nursing	5	M. Arevian, G. Honein, T. Avedissian
IPEC 300	Inter-professional Education	1	M. Adha, N. Dumit, A. M. Assouh, N. Alyan
NURS 500	Theories, Concepts and Ethical Frameworks for Advanced Nursing Practice	2	M. Clinton
NURS 501	Advanced Nursing Practice: Scope and Roles	2	L. Fairhood
NURS 504	Advanced Pathophysiology	3	H. Dawish, S. Nouredine
NURS 505A	Advanced Practice in Adult Gerontology I	4	H. Dawish, S. Nouredine

NURS 506	Residency-Advanced Practice in Adult Care II	4	S.Noureddine
NURS 507	Essentials of Nursing Administration and Management	2	L. Younan
NURS 508	Residency in Nursing Administration	4	M .Clinton, N .Dum it, L. Younan
NURS 517	Models of Treatment- Psychotherapy (Bio-behavioral Nursing Interventions)	3	L. Farhood
NURS 523	Advanced Community Assessment and Interventions	3	M .Arevian, G .Honein
NURS 524	Residency in Community Health Nursing	4	M .Arevian, G .Honein
NURS 526	Comprehensive exam	0	L. Farhood
NURS 527	Developing Health Services Programs	3	N .Dum it
NURS530	Statistical Reasoning and Applications in Nursing Research	2	S. Fares
NURS531	Practical Applications of Budgeting in Nursing	1	L. Younan
NURS 533	Digital Tools for Connected Health	3	L. Younan
NURS 598	Project	3	M .Arevian, M .Clinton, n .Dum it, L. Farhood, H . Daw ish, G .Honein, H . Huijer, S.Noureddine, L. Younan
NURS 598A	Project	3	M .Clinton
IPEC 300	Inter-professional Education	1	Drs. Adra, Dum it, Alayan, M assouh

NURS 599	Thesis	6	M . Clinton, H . Daw ish , N . Dum it, L. Farhood, S. Noueddine
NURS 599A	Thesis	6	M . Clinton, N . Dum it, H . Daw ish
NURS 599B	Thesis	6	M . Clinton, N . Dum it, H . Daw ish

C. SIMULATION TECHNOLOGY at HSON

In 2017, the SCCC provided activities/services – for both AUB and non-AUB users – in line with its mission statement. Users included HSON students enrolled in undergraduate and graduate programs (HSON users), nutrition and dietetics students, medical students, residents, faculty members and nurses from AUB, and elsewhere (non-HSON users).

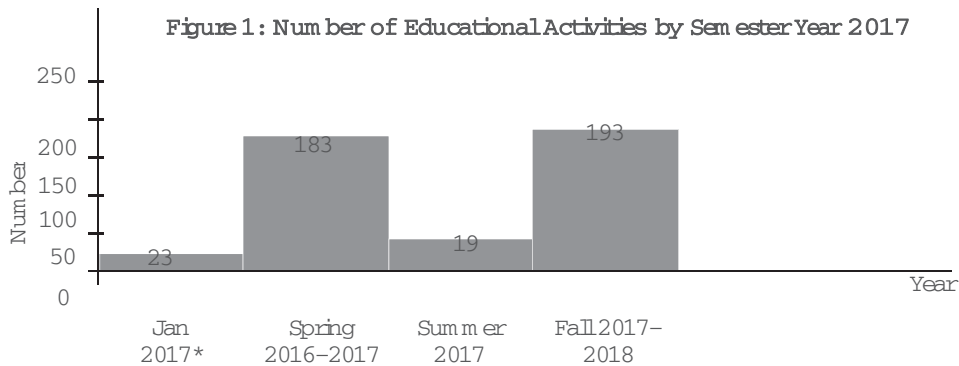
This year all undergraduate nursing courses integrated simulation in their training and included an objective structured clinical examination (OSCE) as part of the course assessment. In addition, more simulation scenarios were developed in-house using all simulation modalities.

The SCCC continued to support non-nursing AUB/AUBMC users. For the first time, the Department of Nutrition & Food Sciences has included a simulation component in its medical nutrition therapy courses. The experience was very much appreciated by both students and faculty.

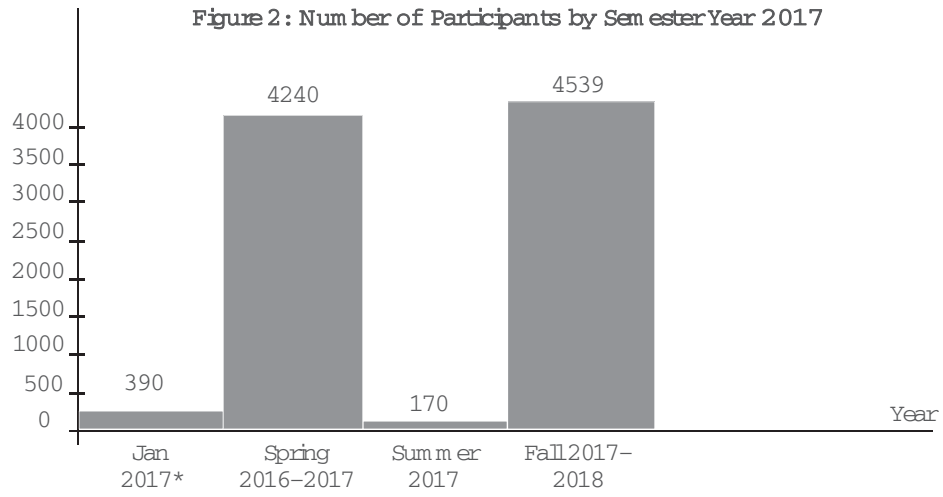
More residents from AUBMC specialties like emergency and obstetrics came in for high-fidelity and skill training this year. There was an increase in use of the simulation facility by AUBMC to address clinical performance issues. The two "In situ simulation" programs, or simulation that is physically integrated into the clinical environment, continued to serve as adjuncts to the quality and system improvements initiatives at the AUBMC Obstetrics and Emergency Departments. Around 24 in-situ simulation sessions were conducted this year in the Emergency Department and two in the Obstetrics Department.

The figures below summarize activities that took place at the SCCC by semester

In 2017, SCCC supported 418 simulation training activities/ experiences and 9,339 participants, including HSON and non-HSON users. This shows a 24% increase in activity and a 21% increase in number of participants since 2016. The fall semester had the highest number of activities (46%) and the highest number of users (49%) (Figure 1 and Figure 2 respectively).



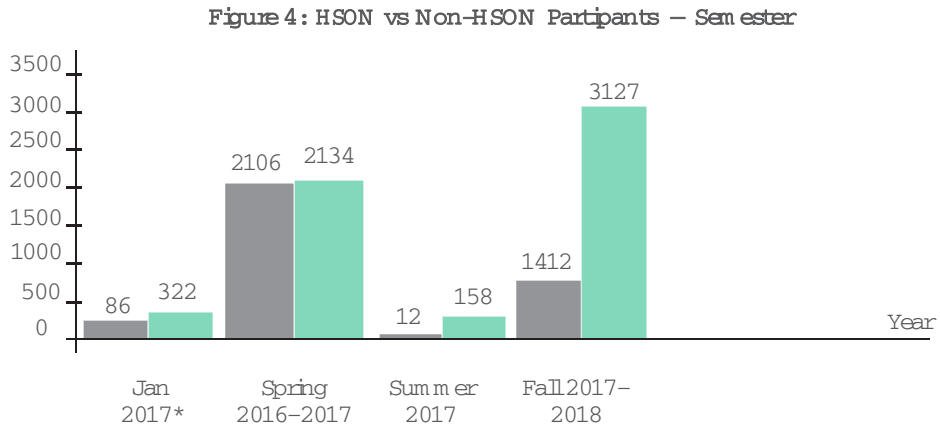
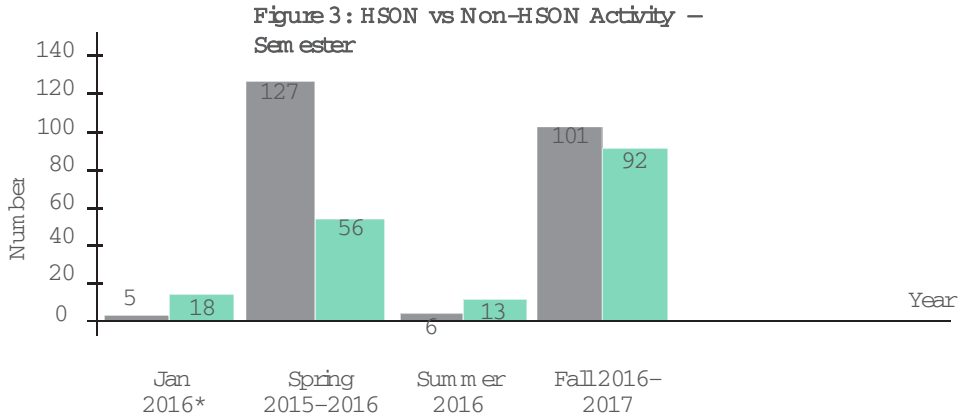
Educational Activity defined as each time the lab is utilized regardless of the objectives or content of the learning/teaching that is occurring.



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

* (before the start of Spring 2016 - 2017)

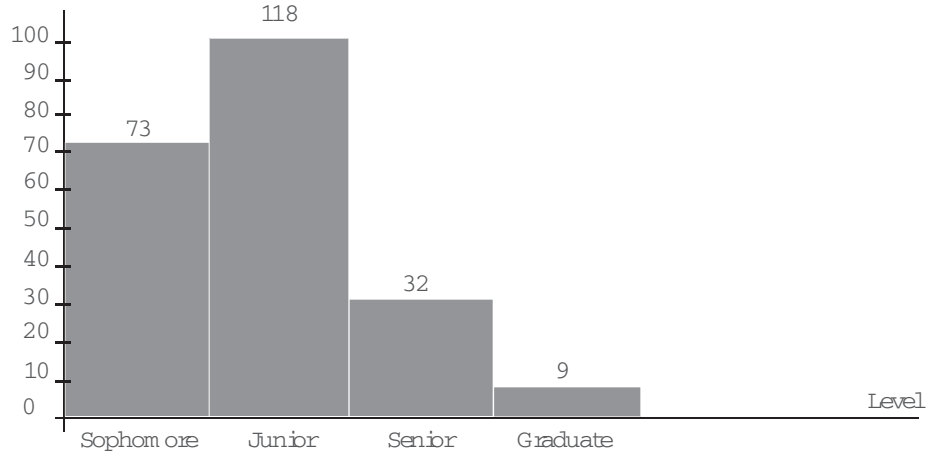
During the spring and fall semesters, HSON activities outnumbered non-HSON activities with 69% of all activities conducted in the spring. During this summer, the lab received more non-HSON users, as the Faculty of Medicine finish its semester much later than nursing (see Figure 4). During the spring, an equal number of HSON and non-HSON participants used the lab. A decline in numbers is noted in the fall as HSON users accounted for 31% of total users.



Non-HSON ■ HSON

The use of the facility by HSON, which peaks in students' junior year, doubled the number of activities in 2016. In the M SN program, the SCCC is only used in the advanced assessment course (N503). There were a total of 9 activities in this course this past year, as shown in Figure 5 below.

Figure 5: Activity HSON Users by Level



Sophomore: Includes N201 Fundamentals of Nursing Practice and N202 Health Assessment

Junior: Includes N300 Nursing Care Of Adults I, N302 Nursing Care Of Adults II, N304 Nursing Care of the Expectant Family, N306 Nursing Care of Children, and N307 Practicum I

Senior: Includes N400 Critical Care Nursing, N402 Mental Health and Psychiatric Nursing, N408 Community Health Nursing, and N410 Leadership and Management in Nursing

D. STUDENT PROJECTS, THESES, RESIDENCIES

M.S.N STUDENT PROJECTS AND THESES

Name	Track	Defense Date	Project	Project Title	Project/Thesis Committee
Mariam Al Sabae	Admission	March 29, 2017	Project	Applying Healthcare Failure Mode Effect Analysis to Improve the Process of Chemotherapy Administration at AUBMC - Outpatient Infusion Center	Dr. Honein, Dr. Dumit
Wafaa Skaf	Admission	April 10, 2017	Project	A Protocol For A Nurse-Led Navigator Program For Newly Referred Patients For Colorectal Cancer Investigation In Oncology Clinic Based On A Systematic Integrative Review of Literature	Dr. Honein, Dr. Clinton
Lina Ahmadih	Admission	April 25, 2017	Project	Policy for Pregnant Nurses at AUBMC	Dr. Clinton, Dr. Younan
Fatina Chreif	Admission	April 26, 2017	Project	Barriers of Continuing Education for Nurses in Lebanon	Dr. Dumit, Dr. Fares
Ala'a Awwad	Adult Care	April 28, 2017	Project	Non convulsive Status Epilepticus Management: Evidence Based Clinical Pathway For AUBMC	Dr. Dawish, Dr. Wassim Nasseddine
Lynda Hashem	Admission	April 28, 2017	Project	The Role of an Advanced Practice Nurse in Coaching Pediatric Congenital Heart Disease Patients Transitioning into Young Adulthood: A proposed program for AUBMC - Children's Heart Center	Dr. Honein, Dr. Clinton

Name	Track	Defense Date	Project	Project Title	Project/Thesis Committee
Victoria Samaan	Adult Care	April 28, 2017	Project	Prevalence of Depression and Anxiety in End Stage Renal Disease Patients Undergoing Hemodialysis at AUBMC	Dr. Noureddine, Dr. Fahood
Ahmad Ghaddar	Administration	August 30, 2017	Project	Proposal for establishing an outpatient nurse-led international normalized ratio clinic at AUBMC	Dr. Honein, Dr. Clinton
Mona Shorba	Administration	September 11, 2017	Project	Exploratory Study of Registered Nurses' Turnover in a Private Medical Center in Lebanon	Dr. Dumit, Dr. Clinton

M.S.N STUDENT RESIDENCIES

Name	Track	Residency Term	Residency Supervisor	Residency Site	Preceptor	Preceptor title
Hind Abdel Massih	Adult Care Nursing	Summer 2016-2017	Samir Noureddine	AUBMC, St. Jude	Rima Saad	Clinical Nurse Specialist
Mawa	Community and	Spring	Bakalian	Howard Karagheusian Health		
Ahmad	Public Health Nursing	2016-2017	Mary Azevian	Center-Burj Hammoud-Beirut	Nayiri Injean	Nurse Supervisor
Lina Al	Nursing	Summer		Cleveland Clin-		Senior Nurse
Wattar	Administration	2016-2017	Younan Lina	ics, Abu Dhabi	Zeina Kassar	Manager
Joelle Bassila	Nursing	Summer		AUBMC,		Executive Assistant, Nursing
	Administration	2016-2017	Younan Lina	general nursing	Maya Nizam	Administration, AUBMC

Name	Track	Residency Term	Residency Supervisor	Residency Site	Preceptor	Preceptor title
May Dassouki	Nursing Administration	Summer 2016-2017	Younan Lina	EHM U, AUBMC	Nour Hassan	Unit Coordinator Evidence-Based Healthcare Management Unit -AUBMC
Lana Iskandari	Nursing Administration	Summer 2016-2017	Younan Lina	John Hopkins	Christine Gonzalez	Nurse Manager
Yvonne Jleilaty	Nursing Administration	Summer 2015-2016	Honein Gladys	AUBMC Private clinic administration	Diala Abu Daher	Administrator
Grace	Adult Care	Fall	Samir	University of Maryland		Nurse practitioner,
Hakin	Nursing	2016-2017	Noureddine	Shock and Trauma center	Carla A Aresco	Senior Clinical Program Manager
Lynda Hashem	Nursing Administration	Summer 2016-2017	Younan Lina	AUBMC, general nursing	Maya Nizam	Executive Assistant, Nursing Administration, AUBMC
Joelle	Adult Care	Summer		Partners Multiple Sclerosis Center, Brigham and Women's		
M. Assouh	Nursing	2016-2017	Dawish Hala	Hospital, Harvard Medical School, Boston, Massachusetts	Lynn Stazzone	Nurse Practitioner
Hanadi Saad	Community and Public Health	Wafaa	Nursing Nursing	Columbia Spring 2016- 2017	Spring	1-Assistant Bakalian Mary Arevian

Michael	University, New York- HSON, AUB AUB MC	Elizabeth Hall; Mary Arevian	Professor 2- Clinical Associate Professor			
Skaf	Administration	2015- 2016	Clinton	nursing quality department	M sNada Nassar	Quality manager



III. STUDENT-RELATED ACTIVITIES

A. STUDENT ENROLLMENT/SCHOLARSHIPS

- The total number of applicants to the BSN program for 2017-18 was 490 including applicants sponsored by USAID and by the MasterCard Foundation. The total number of accepted students was 165 and the total number who confirmed their enrollment was 61. This includes 1 student accepted as early admission, 4 transfer students from outside AUB, 1 transfer student from within AUB, 2 students sponsored by USAID, 1 working for a second degree, and 1 sponsored by the MasterCard Foundation.
- The total number of applicants to the MSN program for 2017-18 was 32; the total number of accepted students was 26 and the total number who confirmed their enrollment was 9.
- A total of 65 interviews were conducted with new and currently registered BSN students; 52 were recommended for scholarships, and 32 were enrolled. This scholarship is still attracting students who select a nursing major as their 3rd, 4th, or 5th choice when they apply.

	Total
Interviewed	65
Recommended	52
Enrolled with scholarships	32
Total new scholarships offered to new and current students	36
New students recipients of Samira Fadli Scholarship	2

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

Student Enrollment	BSN				
	2013-14	2014-15	2015-16	2016-17	2017-18
Applied	285	349	341	356	490
Accepted	141	179	186	182	165
Enrolled	64	70	55	65	61
Yield	45%	39%	30%	36%	37%
Committed	52	54	39	55	55
Total Enrollment	167	185	172	163	160
Female	81%	77%	72%	68%	68%
Male	19%	23%	28%	32%	37%
Lebanese	84%	81%	81%	79%	80%
International	14%	19%	19%	21%	23%
BSN / M SN Graduates	35	40	40	34	

Student Enrollment	M SN				
	2013-14	2014-15	2015-16	2016-17	2017-18
Applied	38	47	31	38	32
Accepted	33	42	28	35	26
Enrolled	26	23	12	19	9
Yield	79%	55%	43%	54%	35%
Committed	26	22	12	18	9
Total Enrollment	60	60	55	51	44
Female	77%	75%	85%	88%	86%
Male	23%	25%	15%	12%	14%
Lebanese	93%	85%	93%	90%	89%
International	7%	6%	7%	10%	11%
BSN /M SN Graduates	10	17	16	12	

B. STUDENT RECRUITMENT AND MARKETING

Student recruitment and marketing of the BSN and MSN programs remain a priority at HSON. The marketing strategy for student recruitment in 2017 included various activities:

- **Graduate Open House:** HSON participated in the Graduate Open House organized by the Graduate Council to promote graduate programs on February 22, 2017. Similar to previous years, only a very few applicants interested in the MSN program attended the open house.
- **School visits:** The HSON team visited 13 high schools to recruit students. School counselors were contacted and a poster was sent to all schools inviting high school students to visit the simulation lab at HSON. The SSO will continue to visit schools during the Spring 2017-18 semester.
- **AUB Annual School Fair:** HSON participated in the AUB Annual School Fair for undergraduate programs in April 2017.
- **AUBMC Open House:** On May 17, 2017, HSON participated in the AUBMC Open House to recruit nurses from all over Lebanon. The Student Services Office (SSO) had a booth for the MSN program.
- **Orientation for new nurses at AUBMC:** During the orientation for new nurses at AUBMC in February, March, May, August, October, and December 2017, the SSO presented the MSN program requirements. This presentation became part of the orientation program organized by AUBMC CPDC.
- **Marketing and promotion of HSON academic programs** is done also through:
 - Social media: Facebook, LinkedIn, YouTube, and on the website

- Nursing Centralized Application System (CAS) portal: to recruit students from North America for the M SN program and for the BA/BS-BSN second degree accelerated program . In 2017, we enhanced the features of the HSON program s display on Nursing CAS to become more attractive and provided applicants/potential students with a link to a webinar on HSON academic program s.
- Big choice portal: to recruit students from Asia, Africa, and South America, for undergraduate and graduate program s.

C. STUDENT ACTIVITIES

Nursing students were involved in various community projects and activities in their Community Course and in events organized by the Nursing Students Society (NSS) in 2017:

- **New Student Orientation:** During the orientation of newly enrolled students, some undergraduate and graduate students provided testimonials and success stories about the nursing profession .
- **AM IN:** A new initiative at HSON was the AUB Mentorship in Nursing (AM IN) program that provides new students with mentors to help and guide them as needed. AM IN is headed by M s. Elizabeth Cantrell and will be one of the responsibilities of the NSS. AM IN reports to the NSS advisor, Dr. Angela Massouh .

The following mentors were selected for Fall 2017-18 :

Mentors at AM IN
NourAbduIlah
Elizabeth Cantrell
Oday Hamade
Michael Kassis
Amr Kayali
Dayana Traboulsi

- **Student recruitment:** Some BSN students participated in school visits with the student services officer.
- **LebMASH Seminar:** A seminar was held on January 25, 2017 at the Hisham Jaroudi Auditorium about the "ethics of treating homosexual patients" by LebMASH, the Lebanese Medical Association for Sexual Health. Questions ranging from confidentiality to specific healthcare needs were addressed.
- **School Fair:** Students from the BSN and MSN programs participated in the AUB School Fair that was open to students from different high schools. HSON had a stand at the Olayan School of Business to inform visitors about the BSN program at AUB.
- **The Middle East Student Ambassador Program by Elsevier:** Elsevier has launched the Middle East Student Ambassador Program to be able to connect with the University and to support students throughout their careers. One of the nursing students was selected as a Student Ambassador to help Elsevier engage with other students on campus. The main goal of the ambassador is to help Elsevier in writing book reviews whenever they want to promote titles, increase the visibility of Elsevier through social media, and to conduct surveys for market research.
- **Medical Research Volunteer Program (MRVP):** Occasionally, undergraduate nursing students volunteer to participate in the Medical Research Volunteer Program (MRVP) organized by AUB.
- **AUB Outdoors:** Nursing students participated in the AUB Outdoors activities in May 2017.
- **NSS elections:** Elections for the Nursing Student Society were held in September 2017 and the cabinet was formed as follows:
 - President: Dayana Traboulsi
 - Vice President: Elizabeth Cantrell
 - Treasurer: Michael Kassis
 - Secretary: Amr Kayali
 - Member at Large: Ramia AlChami

- **SRC and USFC elections:** Elections for the SRC and USFC were held in October 2017 and the results were as follows:

Department	Election Pool	Seats
NU	NURSING IV and GR	NourAbdallah
NU	NURSING II and III	JaafarHoteit

- **NSS coffee hour:** the coffee hour was on November 28, 2017. It was an in-depth open discussion about a wide range of topics focused primarily on:
 - o Instructor Course Evaluation (ICEs) and the concept of objectivity.
 - o Loss and Grief in the Clinical Setting.
- **Bake Sale:** As an annual fundraising activity, NSS organized a bake sale in December 2017.
- **AIDS Awareness Day:** The NSS was active on campus in December 2017 to raise awareness about AIDS.

D. OTHER STUDENT SERVICES AND RESOURCES

- **Credentialing Requests of Nursing Graduates:**

With the great demand for certification in different areas of nursing, the number of requests for credentials from graduates has increased. In 2017, HSON received 21 requests by foreign institutions to complete students' credentials; the majority were submitted to the Commission on Graduates of Foreign Nursing Schools (CGFNS) in the USA.

- **Online Petition Form System :**

A total of 110 petitions were processed in 2017. The majority were related to underbad credits and late course withdrawal. Ongoing enhancements were done to improve the Online Petition Form System .

- **Students Evaluation and Scholarship Database:**

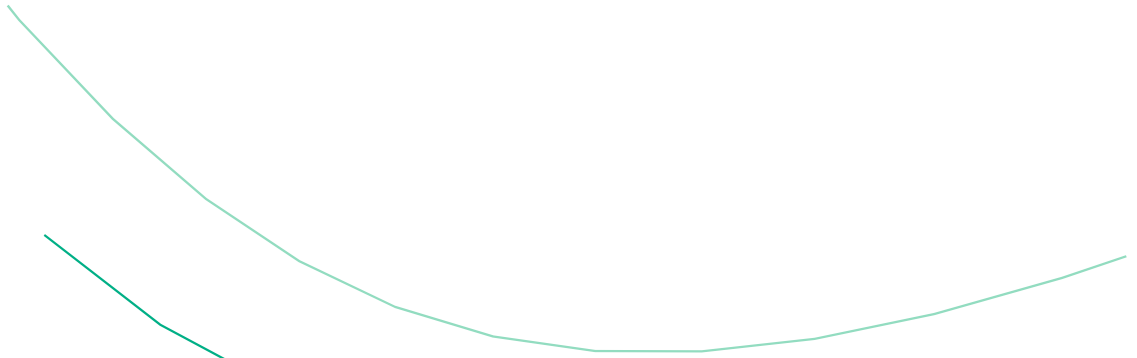
The project has been initiated by the SSO to automate the student evaluation and scholarship process. It is a major project that involves other parties at AUB, such as the Office of Admissions and Financial Aid. It is ongoing and expected to be completed by the end of spring 2017-18.

- **Student Surveys:**

Student Exit Surveys are now part of the Clearance process. This has improved the response rate.

- **Electronic Archiving System :**

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



IV. RESEARCH AND SCHOLARLY ACTIVITIES

A. CURRENT HSON FACULTY RESEARCH

Principal Investigator: Huda Abu-Saad Huijjer

Palliative Care in Older Adults in Lebanon

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

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

Co-Investigators: Marina Adra, Hala Dawish, Souha Fares, Hussam Ghusn, Ramzi Hajjar, George Karam, Samir Nouredine

Funding: CNRS

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

Principal Investigator: Huda Abu-Saad Huijjer

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.

Co-investigators: Dr. Douglas French, Professor of Psychology, University of Moncton, Canada

Funding: Pfizer

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

Principal Investigator: Wassim Abou Kheir

Young versus Old: A Potential Role for Vitamin D Supplementation in Modulating Adult Neurogenesis and Hippocampal-Related Functions

The overall aim of this study is to examine the effect of the supplementation with the active metabolite of Vitamin D on hippocampal neurogenesis and hippocampal-related functions in 2-3 months young as well as 24-25 months older adult mice. Our current hypothesis is that Vitamin D3 supplementation will increase the rate of hippocampal neurogenesis and will enhance the hippocampal-related functions, especially in the older adult mice group that is subjected to continuous supplementation. This work will show the importance of Vitamin D in protecting cognitive functions and in inducing adult neurogenesis.

Co PI: Hala Darwish and Noel Ghanem

Funding: Farouk Jabre Award

Status: Ongoing.

Principle Investigator: Marina Gharibian Adra

Exploring Resident staff relationships in nursing homes in the Lebanon

To explore the prevailing relationships between nursing home residents and staff and to elicit the factors that influence these relationships.

Co-investigators: Zepur Aharonian, Abla Sibai

Funding: MPP

Status: Ongoing.

Principal Investigator: Elie Akl

Exploring the factors impacting the trust of the Lebanese public in physicians:

a qualitative study

The aim of this qualitative study is to explore the factors that impact the trust of the Lebanese public in physicians.

Co-investigators: Gladys Honein, Bashir Shaya, Ali Khalil, Nadine AlHomsi, Kevin Eidi, Zeinab Haidar, Kelly Merheb.

Funding: None

Status: Manuscript in preparation.

Principal Investigator: Elie Akl

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

qualitative study

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

Co-investigators: Gladys Honein, Rina Hajar, Mohammed Cheaito, Aya Bassatne

Funding: None

Status: Accepted for publication in PLOS ONE on August 30, 2017.

Principal Investigator: Elie Akl

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

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

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

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

Status: Published in Implementation Science, July 2017.

Principal Investigator: M onique Chaaya**Dementia in Lebanon: a follow-up study**

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

Co- PI: Hala Darwish, Ram ziHajjar

Funding: CNRS

Status: Ongoing.

Principal Investigator: M onique Chaaya**Building the cohort of older adults in Lebanon: Establishing the baseline in Beqaa**

This proposed study aims to build a larger community cohort by expanding to other areas of Lebanon, specifically the Beqaa area, collecting comprehensive baseline data from older adults aged 65 years and above. Beqaa represents 13% of the elderly population and is chosen because of its unique socio-demographic profile with high consanguinity and high exposure to pesticides due to the reliance on agricultural activities.

Co PI: Hala Darwish and Ram ziHajjar

Funding: URB

Status: Ongoing.

Principal Investigator: M arlene Chakhtoura**Research Fellowship Program at AUB-MC**

The aim of this qualitative study is to explore research fellows' and mentors' views about research training at AUBMC and the challenges they face. Taking into consideration the currently available models in the US, and based on the suggestions and needs identified locally, we will establish a formal training program for research fellows.

Co-investigators: Gladys Honein, Rola Rassi, Elie Akl

Funding: AUBMC

Status: Data analysis in progress.

Principal Investigator: Michael Clinton

From Education to Practice: The Challenges that Nursing Students and Novice

Nurses Face in Lebanon

This qualitative study involves three university sites and three hospitals in Lebanon. The study is designed to investigate from the point of view of students and registered nurses (RNs) in the first year of practice the challenges they face as they engage in clinical nursing practice. The study focuses on challenges that are unique to Lebanon. Separate focus groups will be formed at the three universities. The three focus groups will explore the challenges students face as they transition to the clinical experience in BSN IV. Separate focus groups will be established at three hospitals in Beirut. The hospitals will be those that generally recruit the most graduates from the respective universities. The three focus groups will focus on the challenges RNs face in their first year of practice in Lebanon. Thematic analysis and the constant comparative method will be used to analyze the data. The study findings may suggest strategies for reducing attrition in BSN programs in Lebanon and may assist hospital administrations to reduce attrition of RNs in their first year of practice.

Co-principal Investigators: Myrna Doumit, Sawan Ezzeddine, Ursula Rizk

Design: Qualitative study using focus groups

Funding: None

Status: Manuscript is in press.

Principal Investigator: Michael Clinton

Comparison of organizational research climates in universities in Lebanon, Canada and Australia: An initial study

The strategic purpose of this initial study is to establish an international program of research focused on the regulation of human subject research. In this initial study the organizational research climates of selected universities in Lebanon,

Canada and Australia will be described and compared. Subject to ethical and institutional approval the study will be conducted at the American University of Beirut, the Lebanese American University, the University of Saskatchewan, and the University of Newcastle, New South Wales. This survey is the first of its kind to assess from the perspective of investigators and graduate students the organizational research climate in three countries. The results will provide a basis for expanding the survey to other universities in Lebanon and the wider region, Canada and Australia.

Funding: None

Status: In progress.

Principal Investigator: Hala Darwish

Brief International cognitive assessment for M S (BICAM S)-Arabic

The aim of this study is to validate the well-established Brief International Cognitive Assessment for Multiple Sclerosis (BICAM S) 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 Bassam Yamout

Funding: Novartis / MENACTRIMS

Status: Ongoing.

Principal Investigator: Hala Darwish

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

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

Co-PI: Elie Al-Chaer

Funding: MPP-RFA

Status: Ongoing.

Principal Investigator: Hala Darwish

Longitudinal effect of Vitamin D3 replacement on cognitive performance and MRI markers in Multiple Sclerosis patients: A single-Blind Randomized Clinical Trial

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

Co-PI: Samia Khoury, Nabil ElAyoubi, Salem Hannoun

Funding: MPP

Status: IRB review.

Principal Investigator: Hala Darwish

Environmental Enrichment and Exercise (EE+Ex) affects object recognition, spatial learning and memory, and epigenetic events post severe traumatic brain injury

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

Co-investigator: Firas Kobeissy

Funding: CNRS

Status: Pending funding from CNRS.

Principal Investigator: Hassan Dhaini

N-Acetylation Traits as Effect Modifiers of the Association between Smoking-based Arylamine Exposure and Tumorigenic Outcome in Lebanese Urothelial Bladder Cancer Patients

The study aims to investigate a potential association between smoking and tumorigenic outcome in urothelial bladder cancer patients, as well as to examine the modifying effect of metabolic N-acetylation traits. This study is expected to improve our understanding of the etiology of bladder cancer. We anticipate providing evidence in support of a gene-environment interaction that may underlie the unusually high incidence of bladder cancer in Lebanon.

Co-investigator: Souha Fares

Funding: URB

Status: Data collection in progress.

Principal Investigator: Suzanne R. Dhaini

Implicit Rationing of Nursing Care among Lebanese Patients (Rational) – A Longitudinal Study on the Variations, Trends, Predictors, and Outcomes of Rationed Nursing Care

The purpose of this study is to investigate the variations and trends of rationing of nursing care on a shift-level basis over time on medical, surgical and pediatric units in a Lebanese university affiliated hospital and its association with work environment factors, as well as nurse and patient outcomes.

Co-investigator: Michael Simon, Dietmar Auserhofer, Nuhad Dumit, Huda Abu-Saad Huijer

Funding: MPP

Status: Data Collection.

Principal Investigator: Nuhad Dumit

Analyzing the Antecedents of Nurses Absenteeism in Medical Centers in Lebanon

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

Co-investigator: Lina Daouk Oryy

Funding: Evidence-based Healthcare Management Unit, AUB

Status: Ongoing.

Principal Investigator: Nuhad Dumit

Assessing Basic and Continuing Education Learning Needs of Nurses in Lebanon

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

Co-investigators: Souha Fares, Marie Therese Sabbagh, Mireille Najjar, Gisela Hajal, Vicky Jubran

Funding: In-kind support from the Order of Nurses in Lebanon

Status: Data analysis in progress.

Principal Investigator: Nuhad Dumit

Exploring continuing education learning needs of nurse managers in Lebanon

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

Co-investigator: Souha Fares

Funding: URB

Status: Data analysis in progress.

Principal Investigator: Nuhad Dumit

The Impact of the Syrian Refugee Crisis on Nurses and the healthcare system in Lebanon

The main purpose of this study was to assess the impact of the Syrian refugee crisis on the healthcare system and on nurses in particular as voiced by nurses themselves.

Co-Investigators: Gladys Honein, Suzanne Dhaini, Nathalie Richa

Funding: None

Status: Qualitative data collection completed; quantitative data collection method and instrument is being planned.

Principle Investigator: Souha Fares

The first Arabic version of the Actual Scope of Nursing Practice

Scale: Psychometric Evaluation

The purpose of this study was to review the psychometric properties of the Arabic version of the Actual Scope of Nursing Practice Questionnaire (A-ASCOP).

Co-investigators: Lina Younan, Michael Clinton.

Funding: no funding

Status: Article submitted for publication.

Principle Investigator: Souha Fares

Abnormal Blood Pressure Complexity and Fluctuation: An Indicator of Vascular Disease Independent of Blood Pressure

The research proposal is focused on the use of non-conventional blood pressure variability (BPV) metrics (complexity measures and detrended fluctuation analysis exponents) to examine the potential role of this novel cardiovascular risk factor in the

adult Lebanese population. Our primary objective is to determine the effect of weight loss through bariatric surgery on blood pressure dynamics in obese and morbidly obese normotensives (No-HTN), pre-hypertensive (pre-HTN) and hypertensive patients (HTN). We also aim to show that beat-to-beat BP complexity and fluctuation metrics will provide superior discrimination between No-HTN, pre-HTN and HTN subjects, and will differ for demographic sub-cohorts. Another objective is to quantify the impact of BPV on the normal and shear stresses at the walls of the blood vessels.

Co-investigators: Kamal Badr, Bassam Safadi and Issam Lakkis

Funding: MPP

Status: IRB approval.

Principal Investigator: Laila Farhood

Promoting Psychosocial and Mental Healthcare through Community-based Educational Workshops for Teachers and Parents: A Follow-up to Mental Health Assessments in Civilians Exposed to Traumatic Events of War in the South of Lebanon

This intervention study employs a quantitative, quasi-experimental pre-post design in which community-based educational programs with teachers and parents were implemented in two schools in South Lebanon. The study consisted of two phases. In the first phase audio taped focus groups with teachers and parents were conducted in order to identify their attitudes and beliefs towards mental illness, symptoms and treatment (this paper was published in JTN). Based on the identified themes, community-based educational programs with the same sample were implemented. Mental health educational workshops were conducted by mental health professionals in psychiatry and psychology over the course of six weeks (two per weekend) in one venue at Marjayoun National School. Both teachers and parents participated in the workshops, which sought to address various topics on mental health and psychosocial care. The efficacy of this intervention was assessed by comparing scores on PTSD, General Health, Strengths and Difficulties, and Attitudes Towards Mental Illness Questionnaires prior to and after its implementation, as well as at 1.5 year follow up.

Co-investigators: Fadi Maabuf, Myrna Doumit and Souha Fares

Funding: MPP and URB

Status: Data collection done, 2 papers in press, another in progress.

Principal Investigator: Laila Farhood

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

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

Co-investigators: Souha Fares, Camen Hamady

Funding: MPP, URB

Status: Manuscript submitted. SPPE (Social Psychiatry + Psychiatric Epidemiology) Under review.

Principal Investigator: Fouad Fouad

Informal Provision of Health Services for Syrian Refugees in Lebanon

This project aims to conduct a mapping of the informal community-led health initiatives within the Syrian refugee population in Lebanon, and to understand how they are coping with the humanitarian assistance gap to cover their needs.

Co-Investigators: Gladys Honein, Lamis Jomaa, Mona Osman, Nasser Yassin, Shadi Saleh

Funding: CRS

Status: Data collection.

Principal Investigator: Ghada ElHajj 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.

Co-investigators: Huda Abu-Saad Huijjer, Robert Habib, Nahla Hwalla, Abla Mehio Sibai, and US collaborator Christos Mantzoros

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

Co-mentors: Hala Dawish and Nuhad Dumit

Funding: NIH and Fogarty International Grant # PAR-10-257: Chronic, Non-Communicable Diseases and Disorders across the Lifespan (D43)

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

Principal Investigator: Gladys Honein
User acceptance of electronic patient portal (EPP) for self-management of diabetes and chronic high blood pressure at the Family Practice Clinic of the American University of Beirut, Lebanon

The aim of this study is to explore the demographic characteristics, the perceived ease and usefulness, the subjective and social norms of potential users of Electronic Patient Portal at the American University of Beirut Medical Center-Family Practice Clinic

Co-researchers: Dr. Joumana Antoun

Funding: MPP

Status: Data analysis and manuscript preparation.

Principal Investigator: Gladys Honein

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

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

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

Funding: Order of Nurses in Lebanon

Status: Data analysis and manuscript preparation.

Principal Investigator: Gladys Honein

Towards a Family-Practice Based Primary Care in Eastern Mediterranean Region: Roles and Functions of Nursing and Midwifery Workforce.

In this study, our aim is to gather evidence based on actual practices to evaluate and scale up the primary care workforce in support of implementing family practice in the EMRO region. In this report, the main focus is describing the nurses' and midwives' roles as part of an inter-disciplinary team and the factors that influence these roles.

Co-investigators: T. Avedissian, M. Arevian, E. Dyer

Funding: World Health Organization, Eastern Mediterranean Office

Status: Report submitted in July; Manuscript will be submitted to Eastern Mediterranean Health Journal on health workforce.

Principal Investigator: Gladys Honein

Community Health Assessment of Needs and Continuous Empowerment (CHANCE) – An experience-based co-design approach

To assess the learning needs of community-based nurses and to develop an intervention training program to address the top priority learning need.

Co-Investigators: Nuhad Dumit, Nathalie Richa, Mary Arevian, Tamar Avedissian, Bahia Abdallah

Funding: URB

Status: Awaiting IRB approval.

Principal Investigator: Gladys Honein

Exploring the benefits and drawbacks of a new approach for managing conflict of interest in guideline development

The Canadian guideline for use of opioids in chronic non-cancer pain used an innovative approach for the management of financial and intellectual conflicts of interest, which was to have a team of unconflicted clinician-methodologists serving on the voting guideline panel, and to have a team of content experts, including individuals with financial and/or intellectual conflicts of interest, to guide the panelists and provide content expertise. This study aims to explore the benefits and drawbacks of this approach, and whether it could serve as a potential model for managing important aspects of conflict of interest in future guidelines.

Co-Investigators: Elie Akl, Samantha Craigie, Jason Busse, Justin Ho, Gordon Guyatt

Funding: None

Status: Data collection.

Principal Investigator: Gladys Honein

Patients' Perceptions of Nurses and Physicians' Listening Behaviors, Education, and Empathy

The purpose of this study is to understand the ways in which medical/surgical patients, during hospital stay at AUBMC recognize, identify and understand, the ways in which bedside nurses and physicians' behaviors conveyed aspects of communication (listening versus the absence of listening; empathy projected, interpersonal skills and education provider by nurses and physicians). The objective of this study is to assess the patients' perception regarding communication by the physician and nurse and how this affects patient experience and satisfaction.

Co-investigators: Ahmad Diab, Lama AlJurdi

Funding: None

Status: Research proposal as part of NAP.

Principal Investigator: Fadi El-Jardali

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

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

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

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

Status: Submitted for publication Health Policy and Planning.

Principal Investigator: Lamis Joumaa

Perceptions and Experiences of Community Workers and Syrian Refugees towards Community Kitchens in Lebanon: A Qualitative Study

This research aims at exploring the perceptions and experiences of Syrian refugees and community workers towards community kitchens in Lebanon and identifying the factors associated with the success and sustainability of these kitchens.

Co-investigators: **Gladys Honein**, Shady Hamadeh, Nadiyah Ibrahim

Funding: None

Status: Manuscript preparation.

Principal Investigator: Lina Kantar

Preceptor-Driven Clinical Teaching in Undergraduate Nursing Education: A Cognitive Task Analysis Research

This study aims at understanding the nature of clinical teaching rendered by preceptors to undergraduate nursing students in practice settings, and at exploring the pedagogical principles and educational processes that preceptors employ to impact student learning. The descriptive, qualitative, multiple-case study design, guided by the cognitive task analysis research technique, will be used to gain insights into how the preceptors provide direct clinical instruction to undergraduate nursing students.

Co-investigator: Sawan Ezzeddine

Funding: URB

Status: Data collection.

Principal Investigator: Lina Kantar

Preceptors' Perspectives on their Teaching Practice: Implications for Academia and Service

This study aims at exploring the experiences of preceptors in the clinical teaching of nursing students, to assess their educational needs and preparedness for teaching. The qualitative, focus group interview will be used to gain insights into the experiences of 30 clinical preceptors, situated in three recognized health care facilities in Beirut. The emergent themes will guide both academia and service into the development of a curriculum targeting the teaching behaviors and teaching practices of preceptors.

Co-investigator: None

Funding: Center for Teaching and Learning – AUB (2017-18)

Status: IRB approval.

Principal Investigator: May Khoury

Palliative care: Educational Intervention for Nurses in Lebanon: An

Attempt The purpose of this study is to assess the effectiveness of Palliative Care continuing educational intervention for registered nurses at the American University of Beirut Medical Center; and to recommend future educational programs.

Co-investigators: Mary Arevian, Suha Fares and Ghina ElKhatib

Funding: None

Status: Data analysis in progress.

Principal Investigator: Samia Khoury

Microglial activation and neural stem cells cross talk post Traumatic Brain Injury

Microglia are macrophage cells in the Central Nervous System, at the front line of CNS in immunological defense. They play an important role in Mild Traumatic Brain Injury (mTBI) which may be beneficial or detrimental depending on their state of activation. This project aims to:

1. Evaluate spatio-temporal activation of microglia cells and the role of microglial activation at 2, 7 & 35 days post-TBI, in rodents.

2. Characterize the behavioral deficits post TBI and correlate outcomes with neural injury and immunological indices.

Co-Investigators: Hala Dawish and Firas Kobeissy

Funding: Office of Naval Research- US Department of Defense (DOD)

Status: Ongoing.

Principal Investigator: Firas Kobeissy

Dual Neurotherapeutic Effects of Docosahexaenoic Acid (DHA) and Arachidonic Acid (AA) with Neonatal Neural Stem Cell Transplantation Post-Traumatic Brain Injury

Based on our preliminary results obtained on DHA-NSCs work we hypothesize that neonatal NSCs transplantation in combination with AA with or without DHA injections would ameliorate brain damage and promote functional recovery.

Co-Investigators: Hala Dawish

Funding: MPP

Status: Ongoing.

Principal Investigator: Firas Koubaissy

A novel neurotherapeutic approach for neural stem cell delivery using injectable GelMA hydrogel for brain tissue repair post traumatic brain injury

Based on our preliminary results obtained on DHA-NSCs work we hypothesize that neonatal NSCs transplantation in combination with AA with or without DHA injections would ameliorate brain damage and promote functional recovery.

Co-investigators: M D Anwarul Hasan, Hala Dawish

Funding: Farouk Jabre Interfaculty Award

Status: Ongoing.

Principal Investigator: Tamara Lotfi

The Global Evidence Synthesis Initiative (GESI) Needs Assessment

This study aims at better understanding the needs of the GESI Network centers.

Co-investigators: Gladys Honein, Cynthia Rizkalla, Elie Akl

Funding: GESI

Status: Data analysis in progress.

Principal Investigator: Angela Massouh

Determinants of Self-care in a sample of Lebanese Patients with Heart Failure

The primary purpose of this study is to describe self-care behaviors and their determinants in a sample of Lebanese patients with HF and subsequently make recommendations for interventions to promote self-care among this vulnerable patient population. The specific aim of this study is to describe the relationships among clinical and sociodemographic characteristics, functional ability, and psychological status and self-care in a sample of Lebanese patients with heart failure.

Co-investigators: Huda Abu-Saad Hujjer, Paula Meek

Funding: URB

Status: Finalized.

Principal Investigator: Farah Naja

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

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

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

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

Status: Manuscript preparation.

Principal Investigator: Samar Noureddine

Validation of an Arabic version of the Minnesota Living with Heart Failure Questionnaire

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

Co-investigators: Hussain Isma'eel, Hani Tamim, Mariam Zahweh and Hadi Skuri

Funding: None

Status: Data collection in progress.

Principal Investigator: Samir Noureddine**Resuscitation in the Intensive Care Unit: A survey of Physicians in**

Lebanon The aim of this study is to explore the practices, attitudes and challenges experienced by intensive care physicians related to in-hospital resuscitation. Lin esurvey m ethodology was used to adm inister the survey online to 196 m em bers of the Lebanese Society of Critical Care M edicine. Results w ill inform developm ent of a national policy on cardiopulmonary association.

Co-investigators: Ahmad Husari, M iria Obeid, Hussain Im a'el

Funding: None

Status: Data collection in progress.

Principal Investigator: Samir Noureddine**Health Prom otion using SocialM edia in Lebanon**

The aim of this randomized controlled trial is to test the efficacy of a 3-month behavioral dietary and physical activity (PA) intervention, supported by social media, in promoting adherence to the Lebanese Mediterranean diet and regular moderate PA among overweight and obese individuals. The specific aims are: 1) To test the feasibility, acceptability and preliminary efficacy of a culturally sensitive behavioral intervention on dietary consumption, and physical activity supported by social media in obese and overweight adults; 2) To investigate the effect of the intervention on blood pressure, total cholesterol, LDL, HDL, triglycerides, and fasting blood sugar; 3) To investigate the effect of the intervention on psychosocial determinants of dietary and physical activity behaviors, namely the knowledge of healthy diet, dietary outcome expectancy, physical activity outcome expectancy, dietary self-efficacy, physical activity self-efficacy, dietary intention and physical activity intention; and 4) to investigate the feasibility and acceptability of Facebook and WhatsApp as supplementary delivery modes of the Health Promotion intervention.

Co-investigators: Lara Nasreddine, Marco Bardus, Suha Fares, Hussain Im a'el.

Funding: Collaborative Stim ulus Research grant

Status: Submitted to the Collaborative Stim ulus Research grant; pending approval.

Principal Investigator: Sam ar Nouredine

Survey of Paramedic Personnel on Attitudes and Practices Related to Resuscitation of Out of Hospital Cardiac Arrest Victims in Lebanon

This study surveyed 258 emergency medical technicians from all over Lebanon about their practices and the challenges they face regarding resuscitation of out of hospital cardiac arrest victims.

Co-investigator: M oham ad Hussein Haidar, M azen El.Sayyed, Hussein T am a'el

Funding: None

Status: Manuscript under review by the Journal of Emergencies, Trauma, and Shock.

Principal Investigator: Sam ar 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.

Co-investigator: Habib Dakik, Angela M assouh

Funding: None

Status: Manuscript under review by Nursing Research.

Principal Investigator: Sam ar Nouredine

Survey of the knowledge, attitude and practices related to out of hospital resuscitation among nurses in Lebanon

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

of hospital cardiac arrest resuscitation, and the perceived importance of factors that may influence the nurse's decision to attempt resuscitation outside the hospital setting, in addition to demographic questions.

Co-investigator: Tamar Avedissian, Nina Khatib, Joanna Imani

Funding: Order of Nurses in Lebanon

Status: Ongoing.

Principal Investigator: Saif Al-Qaisi

The Ergonomic Benefits of a Laterally-Tilted Operating Room Table and Friction-Reducing Devices when Laterally Transferring Patients to a

Stretcher. The objectives of this research study are: (1) to examine the effects of the OR table's lateral angle (flat vs tilted) on the physical load acting on the nurse, using an electromyography (EMG) device and subjective ratings of perceived exertion; and (2) to compare three types of friction-reducing devices at both table angles and determine the most-effective combination for reducing physical load on nurses.

Co-investigators: Adnan ElTannir, Lina Younan, Roland Kaddoum

Funding: None

Status: IRB approval secured. Data collection to be started.

Principal Investigator: Hani Tamim

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

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

Co-investigators: Hala Darwish, Firas Kobaissy, Mazen ElSayed

Funding: MPP

Status: Data collection.

Principal Investigator: Kathy Wood

Symptom Measurement in Patients with Arrhythmias

The aim of this prospective cross-sectional survey is to evaluate the number and incidence of clinical symptoms and depression, as well as the impact of symptoms on patients living with a variety of arrhythmias. Gender differences in symptom perceptions was also examined in a sample of 100 patients with arrhythmias recruited from the cardiology clinic at AUBMC.

Co-investigator: Marwan Refaat, Samir Noureddine, Mostafa Hotait

Funding: Duke University

Status: Manuscript in preparation.

Principal Investigator: Ahmad AlYazbi

Modulation of metabolic stress-induced neuro-inflammation by oral anti-diabetic drugs: A proposed role for activation of autophagy

Metabolic syndrome (MetS) remains a public health challenge with significant increase in diabetes and cardiovascular disease risk. A less studied consequence of MetS is the ensuing central nervous system (CNS) inflammation. Recent evidence suggests an association between neuro-inflammation in MetS with cognitive impairment. With a high incidence of diabetes in Lebanon, as estimated by the International Diabetes Federation, a significant proportion of the population would be at risk of developing detrimental cognitive consequences of metabolic stress. Thus, studying the mechanistic link leading to neurobehavioral consequences in metabolic disorders becomes of great local public health value. Additionally, recent introduction of new anti-diabetic agents with presumed pleiotropic effects on the associated inflammatory processes sets the stage for further investigation of the potential CNS protective effect of these drugs in the context of MetS.

Our intent in this proposal is to use a newly developed rat model of metabolic stress to investigate behavioral changes occurring in the context of the pre-diabetes, study the underlying pathology, and examine the effect of early treatment with some of the anti-hyperglycemic drugs with presumed benefit.

Our goal is to identify targets for early therapeutic interventions and uncover the mechanism for potential connective effects of oral anti-hyperglycemic drugs.

Co-investigators: Hala Dawish, Firas Kobeissy

Funding: CNRS

Status: Pending funding from CNRS.

Principal Investigator: Lina Younan

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

The study investigates the relationship among three important variables that are not usually explored together: organization of nursing work, fatigue and musculoskeletal injuries. The sample includes 3,157 nurses working in acute care units located in 39 hospitals across the five districts of Lebanon. The knowledge to be generated from this study will help nurse administrators and regulators identify:

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

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

Funding: URB

Status: Data analysis in progress.

Principal Investigator: Lina Younan

The Translation and Cultural Adaptation of an Instrument to Measure the Actual Scope of Nursing Practice

Information on the scope of nursing practice is urgently needed in the Eastern Mediterranean region to help policy makers and directors of nursing develop informed workforce plans. This study validated the Arabic translation and cultural adaptation of a research instrument that measures the actual scope of nursing practice.

Co-investigators: Michael Clinton, Helen Samaha, Souha Fares

Funding: HSON seed money

Status: Manuscript submitted for publication.

B. SCHOLARLY PUBLICATIONS 2016

1. Abou Omar T., Sukhn C., **Fares S.**, Abiad M., Habib R. and Dhaini H. (June 2017). Bisphenol A: An exposure assessment from olive oil consumption. *Environmental Monitoring Assessment*. 189:341 DOI 10.1007/s10661-017-6048-6
2. Abou ElHassan H., Abou Abbass H., Bahmad H., Zhu R., Zhou S., Dong X., Hamade E., Atweh S., **Dawish H.**, Zibara K., Mchref Y., Kobeissy F. Glycomic and neuroproteomic alterations in experimental TBI: Comparative analysis of aspirin and clopidogrel treatment. *Brain Injury*, 31, no 6-7, pp. 788-789.
3. **Abu-Saad Hujjer H.** Looking Forward; HSON Facts & Figures. July 2017 (booklet).
4. **Abu-Saad Hujjer H.** Rafic Hariri School of Nursing at AUB; Facts & Figures. AUB Alumni Association Abu-Dhabi 30th Gala Book, pp. 86-102.

5. **Abu-Saad Huijer H .**, Noureddine S., Deek H .Nursing and Midwifery Research in the Eastern Mediterranean Region (EMRO). Report submitted to WHO EMRO, 2017.
6. **Abu-Saad Huijer H .**, Fares S., French D .The Development and Psychometric Validation of an Arabic-language Version of the Pain Catastrophizing Scale (PCS-A). *Pain Research & Management*, Volume 2017, Article ID 1472792, 7 pages. <https://doi.org/10.1155/2017/1472792>
7. **Adra M .**, Hopton J., Keady J. (2017). "Nursing Home Quality of Life in the Lebanon," *Quality in Ageing and Older Adults*, Vol. 18 Issue: 2, pp. 145-156.
8. **Assaf G .**, Holroyd E., Lopez V. Isolation and prayer as means of solace for Arab women with breast cancer: An in-depth interview study. *Psycho-Oncology*. 2017. <https://doi.org/10.1002/pon.4402>
9. **Assaf G .**, **Noureddine S .**, Kouyoumjian S., ElKhoury J. (November 2017). Medical Students' Knowledge, Attitudes and Practices of Substance Use in Lebanon: A Cross Sectional Survey. Accepted by the *Eastern Mediterranean Health Journal*, 23 (10), 735-744.
10. **Baxter N .**, Daly C., Sutradhar R., Qing L., **Honein G .**, Richardson D., Giudice L., Timm outh J., Paszat L., Rabeneck L. Do primary care provider strategies improve patient participation in colorectal cancer screening? *The American Journal of Gastroenterology*, February 2017. Volume 112, Issue 2. doi: 10.1038/ajg.2017.4
11. **Bou-Karroum L.**, **El-Jardali F.**, **Henadi N .**, **Faraj Y .**, **Ojha U .**, **Shahrour M .**, **Darzi A .**, **Ali M .**, **Doumit C .**, **Langlois E .**, **Honein G .**, **Akl E .** Using Media to Impact Health Policy-Making: An integrative systematic review 'accepted for publication, *Implementation Sciences*. 2017 Apr 18;12(1):52. doi: 10.1186/s13012-017-0581-0.

12. **Clinton M E.**, Younan L. & Fares S. Multidimensional analysis of the Arabic version of the Actual Scope of Nursing Practice Scale. *Journal of Nursing Measurement*. Accepted for publication August, 2017.
13. **Clinton M E.** (2017) Why Syrian refugees living in informal settlements in the Levant need the same research protections as U.S. prisoners. *International Journal of Evidence-Based Practice*, 15 (1), 1-2. doi: 10.1097/XEB.0000000000000101
14. **Clinton M E.** & Springer R.A. (2017). Representation, archaeology and genealogy: Three "spatial metaphors" for inquiring into nursing phenomena with Foucauldian discourse analysis. *Nursing Philosophy*. doi: 10.1111/nup.12166
15. **Clinton M E.** & Tchapanian H. Rasch analysis of Lebanese nurses' responses to the Occupational Fatigue Exhaustion Recovery (OFER) Scale. *Journal of Nursing Measurement*. 25 (3), 459-475. <http://dx.doi.org/10.1891/1061-3749.25.3.459>
16. **Dawish H.**, Haddad R., Osman S., Ghassan S., Yamout B., Tamim H. and Khoury S. Effect of Vitamin D Replacement on Cognition in Multiple Sclerosis Patients. *Scientific Reports*. *Scientific Reports* 7, Article number: 45926 (2017) doi:10.1038/srep45926
17. Deek H., Chang S., Newton P.J., **Noureddine S.**, Inglis S.C., AlArab G., Kabbani S., Chak W., Tinany N., MacDonald P.S., Davidson P.M. (2017). An evaluation of involving family caregivers in the self-care of heart failure patients on hospital readmission: Randomised controlled trial (the FAMILY study). *International Journal of Nursing Studies*, 75, 101-111. <http://dx.doi.org/10.1016/j.ijnurstu.2017.07.015>

18. Doumit M., **Fares S.** and Arevian M. (July 2017). Women's Knowledge, Practices and Attitudes of Women Towards Breast Cancer in Lebanon. *The American Journal of Hematology/Oncology*, 13 (7): 21-28
19. Doumit M., **Farhood L.** & Hamady C. (2017). Identifying Mental Health Concerns of Teachers and Parents of Students in a South Lebanese Sample: A Pressing Need. *Journal of Transcultural Nursing* DOI: 10.1177
20. Doumit M., **Khoury N. M.** (2017) Facilitating and hindering factors for coping with the experience of having a child with cancer; a Lebanese perspective. *Journal of psychosocial oncology*, 35 (3), 346-361. http://www.tandfonline.com/doi/full/10.1080/07347332.2017.1283654?needAccess=true#WH_QAsj_CYemail
21. **Dumit N.** (2017). Des infirmières engagées au service de la communauté dans différentes régions au Liban (Éditorial). *Revue Francophone Internationale de Recherche Infirmière*. Available online 13 September 2017. <https://doi.org/10.1016/j.refiri.2017.07.003>
22. Eddie D., **Alyan N.**, Conway F. & Bates M. (2017). Anxiety, depression, and stress in a high-risk college environment: Improving heart rate variability and neurocardiac signaling to prevent relapse. *Alcohol*, 60, 207. DOI: 10.1016/j.alcohol.2017.02.200
23. Fadhlallah R., Hemadi N., Morsi R., Abou Samra C., Ahmad A., Arif K., Hishi L., **Honein G.**, Akle E., El-Jardali F. "Barriers and Facilitators to Implementation, Uptake and Sustainability of Community-Based Health Insurance Schemes in Low and Middle Income Countries: A Systematic Review of Narrative Synthesis". *International Journal for Equity in Health - IJEH-D-17-00316* (in-Press)

24. Gagliardi A R., **Honein G .**, Stuart-M cEwan T., Amaout A., Seely J., Gilbert J., Wright F C., Dobrow M J., Brouwers M C., McCready D R. 'A mixed methods evaluation of breast cancer diagnostic assessment program s' *European Journal of Clinical Oncology* (DOI) - 10.1111/ecc.12727)
25. Ghazale H., Ramadan N., Mantash S., Zibara K., El-Sitt S., **Dawish H .**, Cham aa F., Boustany R., M ondeIb S., Abou-Kheir W., Soueif J., Kobeissy F. Docosahexaenoic Acid (DHA) enhances the therapeutic potential of Neonatal Neural Stem Cell transplantation Post- Traumatic Brain Injury. *Behavioural Brain Research*. In Press. doi.org/10.1016/j.bbr.2017.11.007
26. Hajjar R., Bassatne A., Cheaito M A., Naser ElDine R., Trabouly S., Haddadin F., **Honein G .**, Akle. "Characterizing the interaction between physicians, pharmacists and pharmaceutical representatives in a middle-income country: a qualitative study" *PLOS ONE*. 2017 Sep 12; 12(9):e0184662. doi: 10.1371
27. **Honein G .**, Stuart-M cEwan T., W addell T., Salvaney A., Sm iley J., Dobrow M J., Brouwers M C., Gagliardi, A R. "How do organizational characteristics influence team work and service delivery in lung cancer diagnostic assessment program s?: a mixed methods study" *BM J Open* 2017;7:e013965. doi:10.1136/bmjopen-2016-013965
28. **Honein G .**, Hoch J S., Dobrow M J., Stuart-M cEwan T., McCready D R., Gagliardi A R. Cost analysis of breast cancer diagnostic assessment program s. *Current Oncology*, 2017 Oct;24(5):e354-e360.
29. Knaul FM., Farmer P E., Krakauer E K., Knaul FM., Farmer P E., **Abu-Saad Huijjer H .**, Alleyne GAO, Atun R. The Lancet Commission on Palliative Care and Pain Relief Study Group*. Alleviating the access abyss in palliative care and pain relief— an imperative of universal health coverage: the Lancet Commission report. *Lancet*, October 12, 2017.

30. Madi D. & **Clinton M E.** Pain and its impact on the functional ability of children treated at the Children's Cancer Center of Lebanon. *Journal of Pediatric Oncology Nursing*. Accepted for publication: December 12, 2017.
31. Obeid P., **Fares S.**, Fahat G., El-Khoury B., Nassif R., El-Nakat J. and Dhaini H. (February 2017). Mercury health risk assessment among a young adult Lebanese population. *Environmental Science and Pollution Research*. 24 (10):9370-9378. doi: 10.1007/s11356-017-8621-5.
32. AlRajub B., **Nouredine S.**, ElChamisi S., Haider M., Itani B., Zaiter A., Akl E. (2017). Prognostic value of left bundle branch block in patients with acute myocardial infarction *Heart & Lung: The Journal of Acute and Critical Care*, 46, 85-91. doi: 10.1016/j.hrtlng.2016.11.002.
33. Springer R A. & **Clinton M E.** (2017) Inquiring into the effects of the corporatized university and its implications for graduate nurse education. *Nursing Inquiry*. 2017; e12197. <https://doi.org/10.1111/nin.12197>
34. Sun C., Dohm J., Oweis A., **Abu-Saad Huijer H.**, Abu-Moghli F., Dawani H., Ghazi C., Larson E. Delphi Survey of Clinical Nursing and Midwifery Research Priorities in the Eastern Mediterranean Region. *Journal of Nursing Scholarship*, February 8, DOI: 10.1111/jnu.12280.
35. Talh F., Ajaltouni J., **Farhood L.** "Depression and burnout among nurses in a Lebanese academic medical center". *Medical Lebanese Journal*. In press accepted
36. AlTouby S., Larson E., **Nouredine S.**, Altaweli R., AlNagshabandi E., ElSeesy N A A., Fathy N., Abubakar F., Ibrahim R. H. (2017). Building Evidence-Based Practice in Resource Limited Settings: Examples of success. *Global Journal for Research Analysis*, 6 (4), 715-9.

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. Fadi Zaraket: March 29, 2017. Title: Information extraction from medical documents
- Dr. Shadi Saleh: April 19, 2017. Title: HEALTH 2025
- Dr. Lamis Jomaa: November 29, 2017. Title: Nutrition security of refugees during a protracted crisis: The Case of Lebanon

C. EDITORIAL POSITIONS

Huda Abu-Saad Huijer

1994 Ongoing	Associate editor and later member of Editorial Board, International Journal of Nursing Studies
1999 Ongoing	Editorial Board, Journal of Transcultural Nursing
2005 Ongoing	Editorial Board, Journal of Nursing Scholarship
2005 Ongoing	Reviewer, European Journal of Pain
2006 Ongoing	Editorial Board, Japanese Journal of Nursing Science
2008 Ongoing	Reviewer, Lebanese Medical Journal
2009 Ongoing	Reviewer, Pediatric Pain Newsletter, IASP
2011 Ongoing	Reviewer, Journal of Palliative Medicine
2011 Ongoing	Editorial Board, IASP Insight Newsletter
2011 Ongoing	Editorial Board, Nursing Children and Young People
2012 Ongoing	Reviewer, Health Promotion International
2012 Ongoing	Reviewer, Europe's Journal of Psychology

2012 Ongoing Reviewer, Journal of Pain and Symptom Management
 2013 Ongoing Editorial Board, Annals of Palliative Medicine
 2014 Ongoing Editorial Board, Alexandria Scientific Nursing Journal (ASNJ)

Nour A. Ayan

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

Mary Arevian

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

Michael Clinton

2010 Ongoing Editorial Board, International Journal of Mental Health Nursing,
 formerly the Australian and New Zealand Journal of Mental
 Health Nursing
 2010 Ongoing Editorial Board, Journal of Psychosocial Nursing and Mental
 Health Services
 2010 Ongoing Editorial Board, Journal of Mental Health
 2010 Ongoing Editorial Board, Journal of Ethics in Mental Health
 2010 Ongoing Editorial Board, International Journal of Evidence-Based
 Healthcare
 2010 Ongoing Review Panel, Contemporary Nurse
 2010 Ongoing Review Panel, Journal of Nursing Measurement
 2010 Ongoing Reviewer, Journal of Adolescent Health Michael Clinton

Hala Dawish

2011- Present Editor, the Institute- The AUBM C Abu Haidar Neuroscience
 Institute Newsletter
 2012 Ongoing Reviewer, Electrophoresis (Peer Reviewed Journal)
 2012 Ongoing Reviewer, Journal of Neurotrauma

2012 Ongoing Reviewer, Journal of Clinical Immunology
2013 Ongoing Editorial Board, Frontiers of Neurotrauma
2015 Ongoing Reviewer Pbs One

Nuhad Dumit

2008 Ongoing Reviewer, Journal of Nursing Management
2009 Ongoing Reviewer, Journal of Interprofessional Care
2013 Ongoing Reviewer for the BMC Nursing journal by BioMed Central
2014 Ongoing Reviewer, Journal of Clinical Nursing Research
2014 Ongoing Editorial Board, Nursing Management
2016 Ongoing Nurse rater in McMaster Online Rating of Evidence (MORE EBN)

Laila Farhood

2006 Ongoing Editorial Board and Reviewer, Journal of Transcultural Nursing

Gladys Honein

2014 Ongoing Reviewer: British Medical Journal Open access
2015 Ongoing Reviewer: International Journal of Health Policy and Management
2015 Ongoing Reviewer, Women's Health Issues
2015 Ongoing Reviewer, PLOS One
2017 Ongoing Reviewer, Cancer Causes & Control

Lina Kantar

2013 Ongoing Reviewer: Center for Teaching and Learning (CTL), AUB.
2014 Ongoing Reviewer: Nurse Education Today, Elsevier.
2014 Ongoing Reviewer: Nurse Education in Practice, Elsevier.

Samir Noureddine

2016 Ongoing Reviewer, BMC Health Services Research
2016 Ongoing Reviewer, BMC Health Services Research
2015 Ongoing Reviewer, the Lebanese Nursing Journal
2014 Ongoing Reviewer, Sultan Qaboos University Medical Journal

2013 Ongoing	Editorial Board member, European Journal of Cardiovascular Nursing
2013 Ongoing	Editorial Board of the European Journal of Cardiovascular Nursing
2012 Ongoing	Reviewer, Heart & Lung: The Journal of Acute and Critical Care
2011 Ongoing	Reviewer, Journal of Cardiovascular Nursing
2011 Ongoing	Reviewer, Journal of Clinical Nursing
2011 Ongoing	Reviewer, Pan African Medical Journal
2009 Ongoing	Reviewer, International Journal of Nursing Studies
2009 Ongoing	Reviewer, Journal of Nursing Scholarship
2009 Ongoing	Reviewer, European Journal of Cardiovascular Nursing
2009 Ongoing	International Editorial Board of <i>Metas de Enfermiera</i> ' Nursing Journal
2008 Ongoing	Reviewer, American Journal of Critical Care
2008 Ongoing	Editorial Board, Journal of Transcultural Nursing

Lina Younan

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

D . SCIENTIFIC CONTRIBUTIONS AND RESEARCH GRANT REVIEW S

Huda Abu-Saad Huijer

2010 Ongoing	Reviewer of Medical Practice plan, Faculty of Medicine Research Committee, AUB
2014-2017	PhD supervision of M s. Angela Massouh, University of Colorado, USA

2014-2015 Ongoing PhD supervision of Farah Chamaa, Department of Anatomy Cell Biology and Physiological Sciences, Faculty of Medicine, AUB

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

Hala Darwish

2011-2017 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)

2013-2014 Ongoing MPP/URB funding for the Intervention study "Promoting psychosocial and mental healthcare through community-based educational workshops for teachers and parents: A follow-up to mental health assessment in civilians exposed to traumatic war events in the South of Lebanon".

Gladys Honein

- 2016 Ongoing Abstract reviewer, North American Primary Care Group, November 9-12, 2016
- 2016 Ongoing International Undergraduate Awards, Nursing and midwifery panel, June 2016

Lina Kantar

- 2013 Ongoing Reviewer for: Center for Teaching and Learning (CTL), AUB.

Samir Nouredine

- 2017 Reviewer of research proposal for the Faculty Advancement Program at AUBMC
- 2012 Ongoing Abstract reviewer, Annual Spring Meeting of the Cardiovascular Council of Nurses and Allied Professionals
- 2011 Ongoing Reviewer for Sultan Qaboos University, Research and Innovations Department
- 2010 Ongoing Reviewer of Medical Practice Plan and University Research Board grants, Faculty of Medicine Research Committee, AUB

E. SCHOLARLY LECTURES

Huda Abu-Saad Huijer

- Abu-Saad Huijer, H. Looking Forward; HSON Facts & Figures. Lecture given at AUB Alumni Association Abu-Dhabi. May 3-5, 2017.
- Abu-Saad Huijer, H. Palliative Care in Lebanon. Basics in Palliative and End-of-Life Care-3. AUB. September 15-16, 2017

Marina Adra

- Adra, M .Nursing Home Quality of Life: A Theoretical Model Integrating the views of Residents, Staff, and Family Members. Presented at 7th International Conference on Geriatrics Gerontology and palliative Nursing, September 4-5, 2017, Edinburgh, Scotland.
- Adra, M .Strengthening Humanitarian Action through the Integration of Older Adults in the Community" A workshop given over 3 days. The audience included 20 participants from Amel Association International, Imam Sadr Foundation, Makassed Foundation and the Young Men Christian YMCA- Lebanon. The workshop was planned in agreement with the Center for Public Health practice- Faculty of Health Sciences, AUB and Help Age through the Regional and External Programs office of AUB. April 25, 26, 27, 2017

Nour Alayan

- Alayan, N .Heart Rate Variability Biofeedback for College Students Recovering From Substance Use Disorder: A Longitudinal Analysis of Craving Changes, June 16th 2017, Rutgers University, USA
- Alayan, N ., & Damianos, D .Medication Management Course. United Arab Emirates, September 17-19, 2017

Hala Darwish

- Darwish, H .MS preceptorship for Iraqi Nurses CME program - coordinator and lecture on Advanced pathophysiology of MS and clinical concerns- August 2017
- Darwish, H .Psychology Colloquium at AUB- Improving Cognitive Function after Traumatic Brain Injury (TBI): The Use of Environmental Enrichment and Exercise- October 2017-Invited
- Darwish, H .Second meeting on Neuropsychology - Lebanon memory group for clinical research. The Modified Brief International Cognitive Assessment for Multiple Sclerosis (mBICAMS): Evidence of Validity for the first Arabic version- November 2017

- Dawish, H. AUBM C M S weekly conference- Cognitive performance and physical activity before and early after M S diagnosis- October 2017
- Dawish, H. International Brain Research Organization (IBRO) MENA advanced School and conference on Neurodegenerative Disorders: Translation into clinical neurology. Behavioral assessment techniques of small animals and Vitamin D and M S conference and school in Irbid-Jordan- Lectures to be given via Skype expected on Nov 23-2017.
- Dawish, H. Kaafarani A., Nasallah L., Karout M. & , Kobeissy, F. Environmental Enrichment and Exercise affects memory and epigenetic events post severe traumatic brain injury. Presented at the annual Society for Neuroscience meeting in Washington DC, 2017. November 12, 2017.
- Dawish, H. Haddad, R. Osman, S. Ghassan, S. Yamout, B. Tamim, H. and Khoury, S. Effect of Vitamin D Replacement on Cognition in Multiple Sclerosis Patients. Poster presentation at the MENACTRIMS-Dubai November 24-25 2017
- Dawish, H. Fanan, N. Zeinoun, P. Yamout, B. Khoury, S. Modified Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS): Towards validating the first Arabic version. Poster presentation MENACTRIMS meeting in Dubai-November 24 -25 2017
- Zeinoun, P. Fanan, N. Khoury, S. Dawish, H. Development of the Verbal Memory Arabic Test (VMAT). Poster presentation at the 3rd MENACTRIMS meeting- Dubai November 24-25 2017

Nuhad Dumit

- Invited to speak in a panel discussion addressing "Diabetes in Lebanon, Where are we Standing," organized by the Lebanese Society of Endocrinology, Diabetes, and Lipids in collaboration with the Ministry of Public Health, May 5, 2017
- Invited to speak in a panel addressing "the Labor Laws affecting the Palestinian nurses in Lebanon," organized by Issam Fares Institute, AUB, May 4, 2017

- Invited to speak on "Nursing Practice Regulation as a Foundation for Nursing Specialization" during the "5th annual Beirut Breast Cancer Conference" organized by AUBMC, February 10, 2017
- Invited to speak on a panel addressing the judicial session on "Co-Responsibilities between the Surgeon and the Team Worker" during the "20th Spring Lebanese Congress of Surgery" organized by the Lebanese Society for General Surgery, April 28, 2017
- Invited to speak in a stakeholder dialogue on the subject of "Reducing Preventable Preterm" organized by the Knowledge to Policy (K2P) Center at AUB and the Ministry of Health in Lebanon, Thursday April 6, 2017

Souha Fares

- Fares, S. Complexity of nursing activities in the first Arabic version of the Actual Scope of Nursing Practice Scale. A multidimensional scaling approach. Nurses at the Forefront Transforming Care. International Council of Nurses Congress. Barcelona, Spain. May 27 – June 1, 2017
- Fares, S. Data Analysis Methods for Nursing Research. Invited to give a session to the CPDC, April 25, 2017

Laila Farhood

- Farhood, L. attended World Psychiatric Association WPA congress October 8-12, 2017, Berlin, Germany
- Farhood, L. (invited symposium), Risk Factors and Mental Health in Female Populations Exposed to Traumatic Events in South Lebanon. Symposium Presented at 7th Int. congress on women's mental Health, March 6-9, 2017, Dublin Ireland.
- Farhood, L. (invited Symposium), an Investigation of Experienced War Trauma Types, Symptom Clusters, and Risk Factors Associated with Post-Traumatic Stress Disorder in a South Lebanese Civilian Sample: How Does Gender Fit in the Equation? Symposium Presented at 7th Int. congress on women's mental Health, March 6-9, 2017, Dublin Ireland

Gladys Honein

- Honein-AbouHaïdar, G N . Introduction to qualitative research. Nursing Advancement Program , Clinical Research Unit, April 13, 2017
- Honein-AbouHaïdar, G N . Fiscal management and self-care. Clinical Leadership course. United Arab Emirates, March 7, 2017

Lina Kantar

- Kantar L. A 3-day-course on "Medication Management" offered to nurses in the UAE (February, 2017).
- Kantar L. Seminar on OSCE in Nursing Education: Theoretical Perspectives and Application, offered to the faculty at the HSON on November 11, 2016.
- Kantar L. Myths and Truths about investing in Preceptors in Nursing Education'. Paper accepted for presentation at the 44th Annual National Conference of the Professional Nurse Educators Group (PNEG), November 10-12, 2017. Pittsburgh, PA, USA.

May Khoury

- Khoury, M . Poster presentation in 49th Annual Congress of the International Society of Pediatrics Oncology (SIDP 2017), held in Washington, D.C., October 12-15, 2017.
- Khoury, M ay. History and Evolution of Palliative Care; Philosophy & Principles of Palliative Care and Elements and Models of End-of-Life Care. Basics in Palliative and End-of-Life Care-3 .AUB. September 15-16, 2017.
- Khoury, M ay. Avoiding Compassion Fatigue & Burnout. Basics in Palliative and End-of-Life Care-3 .AUB. September 15-16, 2017.

Dina Madi

- Madi, D. "Pain Assessment & Management Workshop," given twice, over three full days at the Continuing Education Center at Sharjah, UAE. 2016-2017

Angela M assouh

- M assouh, A. Hem odynam ics M onitoring. CriticalCare Conference. Ragheb Harb Hospital. August 2017 .
- M assouh, A. Ethics in CriticalCare. CriticalCare Conference. Ragheb Harb Hospital. August 2017
- M assouh, A. Determ inants of Self-Care in a Sam ple of Lebanese Patients w ith Heart Failure: A Lebanese Study. Am erican University of Beirut M edical Center Grand Round. July 2017 .
- M assouh, A. Educating Asthm atic Patients. Presentation at the "Back to Lebanon: The InternationalM edicalForum " Sem inar. Regency Palace Hotel, Adm a Lebanon, July 2017 .
- M assouh, A. Evidence based Approaches to Cardiovascular Care'. Course Coordinator. Am erican University of Beirut M edical Center. January 2016 through M arch 2017 .
- M assouh, A. Heart Failure Self-Care Education : Non-pharm acological M anagem ent'. Presentation at the Heart Failure Nurse Training Sem inar. Lebanon, April 2016 .
- M assouh, A. e-CM E001 Updates in CriticalCare Nursing'. Course director and speaker, Continuing M edicalEducation, AUB, Lebanon . October 2016 .

Sam ar Noureddine

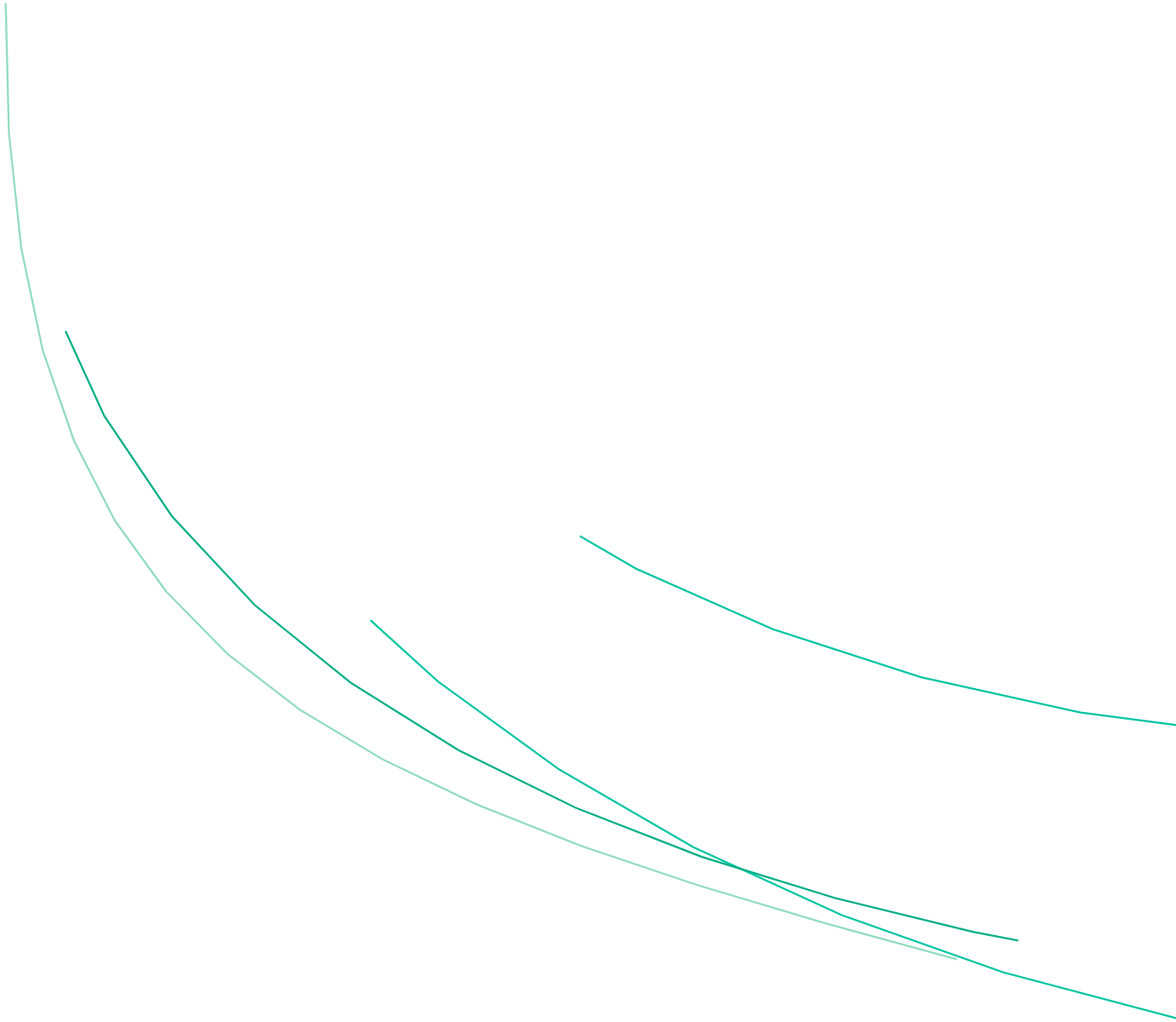
- Noureddine S. Nursing and M idw ifery Research in the Eastern M editerranean Region. Presentation at the third G lobalSum m it on Strengthening Clinical Nursing Research: M oving the Agenda Forward forNursing and M idw ifery ClinicalResearch Strengthening the Bridge between the Southern/Eastern African and Eastern M editerranean Regions by Colum bia University G lobal Center, Am man, Jordan, June 25, 2017 **[Invited Presentation]**.
- Noureddine S. Sm oking in Cardiac Patients: An exam plar of Clinicalnursing Research. Presentation at the third G lobalSum m it on Strengthening Clinical Nursing Research: M oving the Agenda Forward forNursing and M idw ifery ClinicalResearch Strengthening the Bridge between the Southern/Eastern

African and Eastern Mediterranean Regions by Columbia University Global Center, Amman, Jordan, June 24, 2017 **[Invited Presentation]**.

- Noureddine S. Factors that Make Patients Continue Smoking after Myocardial Infarction. Presentation at the International Council of Nurses conference in Barcelona, Spain, May 28, 2017.
- Noureddine S. The role of nursing in cardiovascular disease prevention: What does the research evidence show? The 5th International Nursing conference: Scientific Research in the Light of Contemporary Global Changes; Tanta University, Egypt, March 15, 2017 **[Invited keynote address]**.

Lina Younan

- Younan L. Invited by the Order of Nurses to present in the training the trainer program about "Organizational Communication" (2 hrs), August 2017.
- Younan L. Prepared seven presentation as part of a clinical leadership course for UAE nurses, Jan 2017.
- Younan L. Guest speaker on "Financial Planning" to senior BSN students at LAU, February 2017. As part of their Leadership & Management course (2 hrs).



VI. PROFESSIONAL PRACTICE/SERVICE

A. PROFESSIONAL PRACTICE

Huda Abu-Saad Huijer

- Member of the Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP). Ongoing.
- Past President, Chi Iota Chapter, Sigma Theta Tau International Honor Society in Nursing in Lebanon.
- Consultant to WHO EMRO on the Future of Nursing and Midwifery in the Eastern Mediterranean Region.
- Member, Advisory Committee, Center for Research, Training, and Policy in Arab Mental Health, Faculty of Medicine, AUB.
- Member of the Public Advisory Board, Lebanese Society of Family Medicine.
- Vice-President, National Committee on Pain Relief and Palliative Care (Appointed by Minister of Health) and chair of the Research Committee.
- Past president Lebanese Society for the Study of Pain.
- Member, IASP Developing Countries Working Group
- Member, UC Davis, Advancing Pain Relief Education: Anchoring Pain Competencies around the World
- Member of the Scientific Committee, Oxford Global Health Research Congress, St. Hughes College, Oxford.
- Member of the Advisory Board of the Order of Nurses in Lebanon.
- Member of the Association of Dean and Directors of Schools of Nursing in Lebanon.

Marina Adra

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

Nour Alayan

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

Nuhad Dumit

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

Laila Farhood

- Clinical Associate, Department of Psychiatry, Faculty of Medicine. Clinical activities include psychiatric assessment and psychotherapy (individual, couple, and family therapy) in in-patient and out-patient settings.
- Member, American Psychiatric Nurses Association (APNA)
- Member, International Society for Traumatic Stress (ISTSS)
- Member, European Society for Traumatic Stress (ESTSS)

Lina Kantar

- Member, Scientific committee on the 2nd Simulation-Based Medical Education conference, LAU (March, 2017)

May Khoury

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

- Organizer and participant of The "Basics in Palliative and End-of-Life Care" PC3 workshop.
It was offered to health professionals in Lebanon and the Region on September 15 and 16, 2017 at Hisham Jaroudi Auditorium, Hariri School of Nursing (AUBMC).
- Active member in the Pediatrics Educational Council at AUBMC to disseminate the revised policies of pediatric manuals; a series of sessions were held September -October 2017.

Dina Madi

- Participated in a community service program held by the Order of Nurses "Lilkaa fikulkadaa"
- Represented the Director of the Order of Nurses at the Lions' Award ceremony and gave a speech.
- Represented the Director of the Order of Nurses at "Kabiruna Project" in collaboration with AUBMC at AlM arkaz AlIslam i-Aicha Bakkar
- Participated in preparing a webinar and videotaping a powerpoint about the BS-BA/BSN program .

Angela Massouh

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

Sam ar Noureddine

- Invited to moderate a session titled 'Better Communication leads to Better Education' at the Congress titled 'Back to Lebanon: The International Medical Forum', organized by the St. Pantaleon Group at the Regency Hotel, Adma, Lebanon, July 27, 2017.
- Gave a Workshop on Writing for Publication: Why and How. Presented to faculty members at Tanta University, Egypt.
- Gave a workshop on Writing for Publication: Why and How to faculty members at Tanta University, Egypt, March 16, 2017.
- Made presentation on programs of research at HSON to the Nursing Advancement Program in Clinical Research at AUBMC, March 9, 2017
- Co-chair, Scientific Committee, Second International Conference of the Order of Nurses in Lebanon Nurses Leading The Vision For Global Health planned for May 9-11, 2018 since March 2017
- President; Nurses' Chapter, Worldwide Alumni Association of the American University of Beirut since 2014.

Lina Younan

- Nominated as a "subject matter expert" to review and validate hospital accreditation standards in Lebanon. the Ministry of Public Health in Lebanon has initiated the TrAcc Project (Transforming Hospital Accreditation System in Lebanon). The project aims to revise and develop new Lebanese hospital accreditation standards according to latest evidence and international best practices and also to comply with International Society for Quality in Healthcare (ISQua) requirements (2016-2017).
- 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 reviewing and updating the competencies for registered nurses.

- Appointed by the Order of Nurses as a member of a task force for developing the nursing code of ethics for Lebanon.
- Elected as member in the Disciplinary Board of the Order of Nurses in Lebanon.

B. SERVICE

HSON STANDING COMMITTEES

Academic & Curriculum Committee:

- Dr. Dina Madi (Chair)
- Mrs. Mary Arevian
- Dr. Nour Akyan
- Dr. Lina Kantar
- Dr. Ghada Assaf (Appointed)
- Dr. Suzanne Dhaini (Appointed)
- Dr. Angela Massouh (Appointed)
- Dr. Nuha Dumit (Ex-Officio)

Administrative Committee:

- Dr. Huda Abu-Saad Huijer (Chair)
- Dr. Nuha Dumit
- Dr. Laila Farhoud
- Dr. Samir Nouredine
-

Advisory Committee:

- Dr. Huda Abu-Saad Huijer (Chair)
- Dr. Michael Clinton
- Dr. Laila Farhood
- Dr. Samir Nouredine

Admission & Recruitment Committee:

- Mrs. May Khoury (Chair)
- Mrs. Danielle Damianos
- Mrs. Talin Gulgolian
- Dr. Dina Madi
- Mrs. Hera Tashjian
- Mrs. Tam ar Avedissian
- Dr. Ghada Assaf (Appointed)

Graduate Studies Committee:

- Dr. Michael Clinton, Chair since September 2017
- Dr. Hala Darwish
- Dr. Nuhad Dumit
- Dr. Sam ar Nouredine, Chair until September 2017
- Dr. Laila Farhoud (Ex-Officio)

Research Committee:

- Dr. Soha Fares (Chair)
- Dr. Marina Adra
- Dr. Gladys Honein
- Dr. Angela Massouh
- Dr. Sam ar Nouredine
- Dr. Suzanne Dhaini (Appointed)

Representative to the Senate: Dr. Nuhad Dumit.

Representative to the Board of Graduate Studies: Dr. Sam ar Nouredine

Representative on FM Research Committee: Dr. Souha Fares (appointed)

Student Affairs Committee:

- Dr. Marina Adra (Chair)
- Mrs. May Khoury, class advisor BSN II
- Dr. Marina Adra, Class Advisor, BSN III
- Dr. Lina Younan, Class Advisor, BSN IV
- Dr. Angela Massouh, NSS Advisor assisted by Dr. Nour Alayan

Other HSON Committees/Task Forces

HSON Search Committee:

- Dr.Huda Abu-Saad Huijer (Chair)
- Dr.Michael Clinton
- Dr.Nuhad Dumit
- Dr.Laila Farhood
- Dr.Samar Noureddine

HSON Catalogue Committee:

- Dr.Laila Farhood; Convener Master of Science in Nursing Program
- Dr.Nuhad Dumit; Convener Baccalaureate Program

HSON Newsletter Committee:

- Dr.Gladys Honein (Chair)
- Dr.Marina Adra
- Mrs. Lynn Barbary Najm
- Mrs. Talin Gulgulian
- Ms. Angela Massouh

HSON Social Committee:

- Mrs. May Khoury (Chair)
- Mrs. Lynn Barbary
- Mrs. Silva Dakessian Sallian
- Mrs. Danielle Damianos
- Mrs. Taline Gulgulian
- Ms. Randa Farha

HSON Selection committee for MCF scholars:

- Dr.Samar Noureddine
- Ms.Nisreen Ghalayini

HSON PhD Program Steering Committee:

- Dr.Huda Abu-Saad Huijjer (Chair)
- Dr.Michael Clinton
- Dr.Laila Farhoud
- Dr.Jason Farley (representing Johns Hopkins University School of Nursing)
- Dr.JodiLori (representing University of Michigan School of Nursing)
- Dr.Samar Nouredine

OTHER AUB COMMITTEES

Huda Abu-Saad Huijjer

Board of Deans, Ex-Officio member

AUB Senate, member

AUB Strategic Planning Steering Committee, member

Expanded Advisory Committees, appointed member

REP Advisory Board, member

AUB Budget Committee, member

AUB Tenure Design Committee and Workgroup on Faculty Workload, member

Strategic Health Initiative, member of Steering Committee

AUBMC Palliative Care Committee

SHARP, member of the executive board

Marina Adra

AUB General Education Requirement Board, member

AUBMC NS/HSON Joint Committee, member

AUBMC, Medical Surgical Educational Council, member

Faculty United AUB, member

Michael Clinton

AUB Senate, elected member until August 31, 2017

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

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

Nuhad Dumit

Board of Graduate Studies, member

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

Working Group I of the accreditation Task Force of AUB 2017, member

Faculty Standing Grievance Committee, Co-Chair, April-September 2017

Gladys Honein

Equity & Title IX Working Group member

Graduate Open House Committee, HSON representative

Working Group 5, AUB MSCHE Accreditation working on Standard V:

“Educational Effectiveness Assessment”

Lina Kantar

Medical Education Council, Faculty of Medicine, AUB, member

CTL Advisory Committee, member

AUBMC Critical Care Education Council: Dr. Lina Kantar

May Khoury

AUB Unified Admissions Committee, member

AUB USAID USP Steering Committee, member

AUB the LEAD Career and Internship Support Committee, member

AUBMC NS/HSON Joint Committee, Chair

AUBMC Pediatrics Educational Council, member

Dina Madi

AUB New Student Orientation Program Committee, member
 AUB, Advising Website Committee, member
 Civic Engagement Committee, member
 Commencement Committee, reader
 AUBMC Obs/Gyn Council, member

Angela Massouh

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

Samir Noureddine

Member, Faculty Workload policy since October 2017
 Member, Vascular Medicine Program Council, AUBMC, since October 2017
 Member, Board of Graduate Studies of AUB since September 2017
 Member, student complaints task Force at AUB since September 2017
 Co-Chair, Working Group VII of the accreditation Task Force of AUB since January 2017
 Member, steering committee of the Accreditation Task Force of AUB since January 2017
 AUB University Research Board, member
 FM Research Committee, member
 Governance Committee Chair, Hariri School of Nursing Chi Iota Chapter, member
 Graduate Education Task Force of the AUB Graduate Council. September 2015-2017

NATIONAL AND INTERNATIONAL COMMITTEES

Huda Abu-Saad Huijer

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

Marina Adra

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

Nour Alyan

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

Mary Arevian

Sigma Theta Tau International Honor Society of Nursing, Lambda Pi Chapter
 Sigma Theta Tau, International Honor Society of Nursing, Chi Iota Chapter,
 president of the Board, 2015-2016
 Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, member

Am erican Relief Cross in Lebanon (ARCL) Advisory Board, of the Araxi
 Boulghourdjian Socio-medical Health center, secretary
 Am erican Relief Cross in Lebanon (ARCL) Relations and Welfare Com m ittee of the
 Regional Executive Com m ittee, (Chair)
 Am erican Relief Cross in Lebanon (ARCL) Health Com m ittee of the Regional
 Executive Com m ittee, (Chair)

Tamar Avedissian

Order of Nurses in Lebanon, Adm inistrative Com m ittee, m em ber
 Sigma Theta Tau International, Chi.Tota Chapter AUB, Leadership succession
 com m ittee, m em ber

Hala Darwish

Society for Neuroscience, m em ber
 International organization of M S Nursing, m em ber

Nuhad Dumit

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

Souha Fares

Am erican Physiological Society (m em ber)

Laila Farhood

Board of Trustees, Marjayoun National College, m em ber
 Sigma Theta Tau International, Alpha Chapter, m em ber (Indianapolis, USA)
 AUB Sigma Theta Tau International Chi.Tota Chapter, m em ber
 Am erican Psychiatric Nursing Association (APNA), m em ber
 International Nursing Review (INR), Lebanon's representative
 International Women's Mental Health Association, m em ber (World Psychiatric
 Association)
 International Society for Traumatic Stress Studies (ISTSS), m em ber

Gladys Honein

College of Nurses of Ontario; Professional affiliation- Registration Number: 03-01382 (non-practicing)
North American Primary Care Group (NAPCRG), member

Lina Kantar

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

May Khoury

Member of Sigma Theta Tau International Chi Iota Chapter Honor Society of Nursing

Dina Madi

The Lebanese Health Association, board member
Sigma Theta Tau International, Chi Iota Chapter, President
ATCN International member
Order of Nurses, member

Angela Massouh

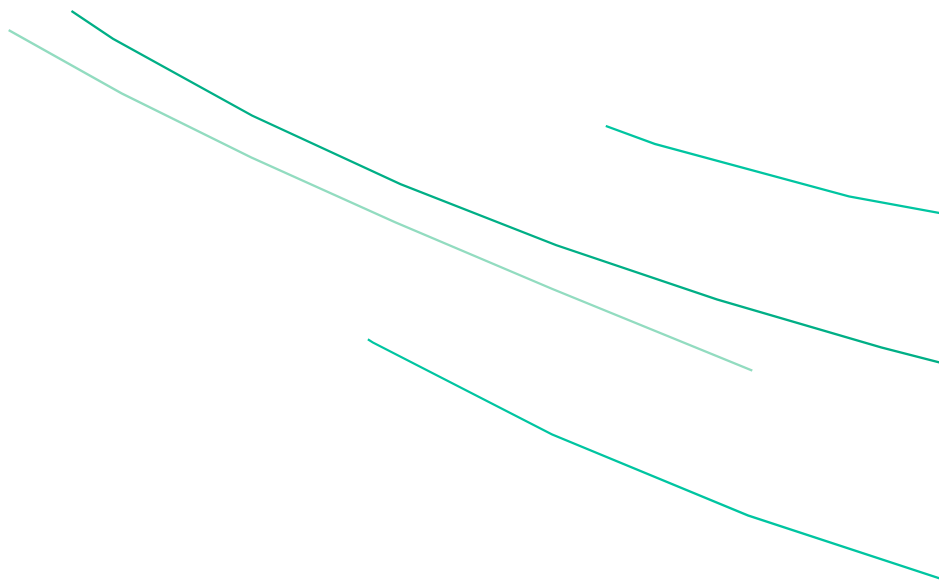
American Association of Critical Care Nurses, Member
Council on Cardiovascular Nursing and Allied Professions, at the European Society of Cardiology, Member
Heart Failure Association at the European Society of Cardiology, Member
Sigma Theta Tau International, Chi Iota Chapter, Member
National Association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

Sam ar Nouredine

Member, Scientific Committee, Order of Nurses in Lebanon since 2015
Member, Global Cardiovascular Nursing Leadership Forum since 2014
American Academy of Nursing, International Fellow since October 2014
Sigma Theta Tau International, Rho Chapter and Chi.Iota Chapter; member
Governance Committee Chair; Chi.Iota Chapter; SITI
Midwest Nursing Research Society, member
American Association of Critical Care Nurses, member
American Heart Association, member and international fellow
Member, Council on Cardiovascular Nursing and Allied Health of the European
Society of Cardiology, member since 2005

Lina Younan

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



VI. LOOKING AHEAD

HSON plans to launch a number of new academic programs:

A collaborative PhD in Nursing Science will be launched in 2018-19. The proposed PhD program is yet another first for Lebanon, and will add further capacity for HSON and the region by producing researchers needed to advance nursing science and improve healthcare.

New Academic Programs: HSON plans to expand its current undergraduate and graduate academic programs and continue to contribute to the development of healthcare in Lebanon by preparing high quality graduates for which there is a strong demand in schools/colleges of Nursing, hospitals, and health services.

- At the undergraduate level, we plan to evaluate the second degree program to attract more BA/BS graduates.
- The proposal to launch a TS-BSN program at AUB AREC in the Bekaa area to eligible technical degree programs is approaching completion and will be launched when approved.
- At the graduate level, HSON will be launching two new online/hybrid MSN tracks in Nursing Administration and Management and Nursing Education.

Other developments:

- Student recruitment will continue to be a priority. HSON will continue to award merit scholarships and is currently working with AUBMC to secure bursaries for BSN students.
- More emphasis will be placed on graduate recruitment at the national, regional, and international levels in close collaboration with the AUB Graduate Council.

- The availability of scholarships remains a major priority for the success of the current and new programs. The establishment of more endowment funds remains a strategic goal for HSON.
- The recruitment of PhD-holder and research active faculty and the 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.
- The alignment of HSON strategic goals with the AUBMC 2020 vision continues to aim at developing a national campaign for student enrollment and nurse recruitment and retention and at developing innovative strategic initiatives to advance collaboration and partnership in research and clinical nursing education.
- HSON will be a major building block of the proposed Health Sciences Campus at AUB as part of the Health 2025 vision.
