

# AMERICAN UNIVERSITY OF BEIRUT

Annual Report  
2019-2020



**Rafic Hariri  
School of Nursing**



The baccalaureate and master's programs at the American University of Beirut – Rafic Hariri School of Nursing are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791

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

## **PREFACE**

The year 2019-20 marked several major changes and unique challenges at the Hariri School of Nursing (HSON). HSON Faculty and staff honored Dr. Huda Abu-Saad Huijer, HSON former founding Dean, at the graduation gala dinner, in May 2019. On September 1, 2019, Dr. Laila Farhood was appointed as HSON Interim Dean, one month before the October 2019 uprising/revolution. AUB and HSON in particular faced several challenges due to the difficult economic and political situation in the country. End of October 2019, roads were blocked due to a nationwide uprising; however, HSON faculty continued their commitment to teach theory and clinical courses. On the other hand, nursing students volunteered their time at AUBMC, caring for patients in order to fill the shortage of nurse's gap who could not come to work.

As for AUB and HSON governance, I/Dean Farhood appointed Dr. Samar Nouredine as Associate Dean and Convener of the Graduate Division and Dr. Nuhad Dumit as Convener of the Undergraduate Division. In addition, Faculty members from the Undergraduate (UG) and Graduate Divisions were appointed to represent HSON on several AUB committees.

In Fall 2019, although the number of newly enrolled students at the UG level was relatively high compared to previous years (78 in Fall 2019 compared to 60 in Fall 2018), many students even with the 60% (Financial Aid and HSON scholarship) left the program, because they could not afford to pay their tuition fees in the absence of bank loans. They were drastically affected by the deteriorating economic situation in the country. Sixteen new students were enrolled in the MSN program compared to 17 in Fall 2018 and in September 2019, three additional students joined the PhD program that was launched in Fall 2018.

Spring 2020, we celebrated the international year of the Nurse. Then Covid-19 impacting the world thus shaping the experiences of our faculty and students. We have lived through this traumatic experience which was beyond imagination. Faculty and students brought ahead new teaching strategies thus rethinking our life as a school and community. We have brought ahead new ways of teaching and learning and were supported by AUB president Khuri and higher administration, an experience we should not forget. These are important times that shaped our lives with a different sense of meaning and setting strategies reshaping nursing education based on research and addressing future societal challenges. It's worth noting that our school (HSON) was the first among AUB faculties to observe in- person graduation to our students, a time of relief and getting ready to begin their nursing careers and step into their new and challenging roles.

All of the above could not be accomplished without our stellar faculty and staff. We are proud that we have the largest number of faculty with PhD degrees in Lebanon. HSON also has the highest number of funded research projects and the highest publication rate in Lebanon. HSON faculty have published in top-tier refereed journals and are among the most productive and impactful nurse researchers in the Arab world. A number of HSON faculty have either a joint clinical appointments or clinical associate positions with the Faculty of Medicine/AUB Medical Center. They have excelled clinically by establishing collaborative clinics in their specialty areas, thus setting the stage for many more of such future collaborations.

Despite the challenges, we are still planning to launch many hybrid programs at the graduate level in 2020, such as the Blended Master in Nursing Administration and Management, and to pioneer new modalities in program development.

Despite the economic crisis, HSON continues to place emphasis on research and scholarly productivity, teaching excellence, develop new strategies for student recruitment and find additional funds for student scholarships thus expanding the existing 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.

**Laila Farhood, PhD, CNS**  
**I/Dean and Professor**  
**Rafic Hariri School of Nursing**

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## I. THE HARIRI SCHOOL OF NURSING

### A. FACULTY

#### **FOUNDING DEAN OF THE HARIRI SCHOOL OF NURSING** (Till End of August 2019)

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

#### **INTERIM DEAN OF THE HARIRI SCHOOL OF NURSING** (September 2019)

**Farhood Laila**, PhD, CNS, Professor

#### **FACULTY MEMBERS**

**Abi Fakhr Kantar Lina**, RN, EdD, Clinical Associate Professor, CE/Offshore Program Coordinator

**Abu-Saad Huijer Huda** RN, PhD, FEANS, FAAN, Founding Dean (end of August 2019), and Professor

**Adra Marina**, RN, MS Physiology, PhD, Clinical Associate Professor

**Alayan Nour**, RN, MSN, PhD, Assistant Professor

**Arevian Mary**, RN, MPH, Clinical Associate Professor till end of September 2020

**Avedissian Tamar**, RN, MSN, Clinical Instructor

**Clinton Michael**, RN (CARNA), RGN RPN (AHPRA), PhD, MSc, BA (Hons.), Professor, joint appointment with FM Institutional Review Board (IRB) as Vice-Chair of the Social and Behavioral Sciences Institutional Review Board

**Dakessian Sailian Silva**, RN, MPH, Clinical Instructor

**Damianos Danielle**, RN, MSN, Clinical Instructor

**Dhaini Suzanne**, RN, Master in Child Studies, PhD, Assistant Professor till end of December 2020

**Darwish Hala**, RN, PhD, Associate Professor, joint appointment with FM/AUBMC as Managing Director, Abu-Haidar Neuroscience Institute

**Dumit Nuhad**, RN, MA, PhD, Associate Professor; Undergraduate Division Convener

**Fares Souha**, PhD, Assistant Professor

**Farhood Laila**, RN, PhD, CS, Interim Dean since September 2019, Professor, and Clinical Associate, Psychiatry Department, FM

**Gulgulian Talin**, RN, MSN, Clinical Instructor

**Honein Gladys**, RN, PhD, Assistant Professor

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

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

**Massouh Angela**, PhD, MSN, CNS; Assistant Professor, joint appointment with AUBMC as Cardiology Clinical Nurse Specialist

**Najjar Assaf Ghada**, RN, PhD, Clinical Assistant Professor

**Noureddine Samar**, RN, PhD, FAHA, FAAN, Professor; Graduate Division Convener; Associate Dean for Academic Affairs since September 2019

**Tashjian Hera**, RN, MSN, Clinical Instructor

**Younan Lina**, RN, MSN, DNP, Clinical Associate Professor

**Puzanian Houry**, PhD, FAHA, Assistant Professor

## **PART-TIME**

**Masalkhi Hanadi**, RN, MSN, Clinical Instructor  
**Saadeh Myrna**, BS, MSN, Clinical Instructor till mid of May 2019  
**Sabbagh Rachele**, BS, MSN, Clinical Instructor

## **ACADEMIC ASSOCIATES**

**Bou Akl Imad**, MD, Associate professor, Critical Care and Pulmonary Medicine, Faculty of Medicine, AUBMC, Lebanon  
**El-Asmar Rebecca**, RN, MSN, AOCNS, Clinical Nurse Specialist, AUBMC, Lebanon  
**El Jamous Sabath**, RN, MSN, Critical Care Clinical Nurse Specialist, AUBMC, Lebanon  
**Hanna Janane**, RN, MSN, AOCNS, Clinical Nurse Specialist, AUBMC, Lebanon  
**Maalouf Wafa**, MS, Nursing Director, St. George Hospital, Lebanon  
**Nasrallah Mona**, MD, Associate Professor of Clinical Specialty, AUBMC, Lebanon  
**Snow Kaiser Karen**, PhD, RN, Clinical Practice Coordinator, University of Maryland Medical Center, USA  
**Zein El-Dine Salah**, MD, Associate Professor of Clinical Medicine, AUBMC, Lebanon

## **B. STAFF**

**Abdallah Mira**, BS, Administrative & Student Services Assistant  
**Assaf Chedid Patricia**, BA, MBA, Executive Officer/Financial Officer till December 2020  
**Berbary Najem Lynn**, BBA, MBA, Student Services and Recruitment Officer  
**Daher Rabih**, Junior Clerk  
**Farha Randa**, BSN, MSN, MPH, Simulation and Clinical Competency Center Coordinator  
**Ghalayini Nisrine**, BA, Graduate Division Administrative Assistant  
**Itani Maher**, MEN, CCE, IT Manager  
**Karout Tofic**, BEN, Senior IT Field Support Engineer  
**Zeinati Jeanette**, Secretary

## **C. CCNE ACCREDITATION**

- The BSN and MSN programs continue to be accredited by the Commission on Collegiate Nursing Education (CCNE) (<http://www.aacn.nche.edu/ccne-accreditation>) in the USA.
- HSON is due for reaccreditation in 2022 and the site visit is scheduled for March 7 to 9, 2022
- HSON continues to be a regular member of the American Association of Colleges of Nursing.

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

### **Laila Farhood**

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

**Lina Kantar**

- Recognition as a reviewer in the Journal of the Nurse Education Today (May, 2019).

**Dina Madi**

- Received a Trophy from the Director of the HSON in recognition of more than 25 years of Service at AUB.

**Angala Massouh**

- Recipient of the 2019 Best moderated Poster Award at the EuroHeart Care Conference by the Association of Cardiovascular Nursing and Allied Professions, Milan.

**Lina Younan**

- Certificate from ICN: Global Nursing Leadership Institute (GNLI) Facilitator

**E. INTERNATIONAL PARTNERSHIPS**

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

- Johns Hopkins University School of Nursing
- University of Michigan School of Nursing
- University of Maryland School of Nursing

**F. SIGMA THETA TAU INTERNATIONAL (STTI) HONOR SOCIETY****The board of the Chi Iota Chapter is as follows:**

- President: Dr. Angela Massouh
- Immediate Past President: Dr. Dina Madi
- President-elect: Mrs. Hera Tashjian 2019, Mrs. Silva Dakessian 2020-21
- Vice President: Dr. Lina Kantar
- Treasurer: Mrs. Rebecca El Asmar 2019, Mrs. Nada Nassar 2020-21
- Secretary: Mrs. Janane Hanna 2019, Mrs. Rachel Bejjani 2020-21
- Counselor: Dr. Ghada Assaf
- Founding President: Dr. Huda Abu-Saad Huijjer

**Chi Iota Committees****Governance Committee**

- Mrs. Ursula Rizk; Chair
- Mrs. Danielle Damianos; Member 2019
- Ms. Rola Awwad; Member 2019
- Dr. Nuha Dumit, Member 2020-21
- Ms. Mireille Chehade 2020-21

### **Leadership and Succession Committee**

- Mrs. Helen Nuwayhid, Chair 2019
- Dr. Nour Alayan, Member 2019
- Mrs. Tamar Avedissian, Member 2019
- Dr. Nour Alayan, Chair 2020-21
- Mrs. Danielle Damianos, Member 2020-21
- Mrs. Tamar Avedissian, Member 2020-21

### **G. HSON NEWSLETTER**

HSON Newsletter number 8 was circulated in April 2019. The newsletter included:

- A message from the Dean, Dr. Huda Huijer
- Hariri School of Nursing independent status
- PhD program: testimonials from PhD students
- Publications and research
- Incoming faculty
- Students corner: undergraduate and graduate
- Faculty awards and activities
- Student activities
- Events
- In memoriam of Dr. Salwa Makarem

Link:

<https://www.aub.edu.lb/hson/Documents/Hariri%20School%20of%20Nursing%20annual%20Newsletter%20Issue%20number%208.pdf>

## **II. FACULTY ACTIVITIES**

### **A. EDUCATIONAL PROGRAMS**

#### **BSN:**

A total of 197 and 196 undergraduate students were enrolled in 2019 in 2020, respectively. Course descriptions, credit hours, and learning objectives did not change this year as student evaluations were positive. We were, however, required to provide two sections of junior-year courses because of the large class size in 2019. Classes were carried online in 2020 due to COVID 19 lockdowns; however, practicum was carried in the clinical areas. In spring 2020, the practicum of three courses [community health, mental health, and leadership and management in nursing] were integrated to ensure students complete requirements despite the limited clinical sites. For example students in community health selected their in-patients' families in the leadership course to do telehealth awareness about COVID-19 to meet the community clinical requirements. The same for the mental health course, patients were selected during the leadership rotation to do Interpersonal Relation assignment for the mental health course. It is worth mentioning that the clinical hours required for each course was met.



Simulation activities were included in most clinical nursing courses, including practice through skill training and scenarios. The Objective Structured Clinical Examination (OSCE) was used in all clinical nursing courses.

**MSN:**

A total of 56 students enrolled in the MSN program in October 2019 and 49 in October 2020. 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. Information on the specific tracks is detailed below:

**Adult Gerontology Clinical Nurse Specialist track:**

- Two students graduated in 2019 and one in 2020
- A total of 17 students were enrolled in October 2019 and 25 in October 2020
- Students in the Adult Gerontology Clinical Nurse Specialist track completed residencies at AUBMC, Johns Hopkins University and the University of Maryland.

**Nursing Administration and Management track:**

- Two students graduated in 2019 and three in 2020
- A total of 17 students were enrolled in October 2019 and 12 in October 2020
- Students in the Nursing Administration and Management track completed residencies at the Evidence Based Health Management Unit (EHMU), AUBMC, University of Maryland and the Ministry of Public Health.

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

- Four students graduated in 2019 and one in 2020
- Ten students were enrolled in October 2019 and four in October 2020
- Students in the Psychiatry and Mental Health Clinical Nurse Specialist track completed residencies at AUBMC.

**Community and Public Health Nursing track:**

- Four students graduated in 2019 and one in 2020.
- A total of 14 students were enrolled in October 2019 and 15 in October 2020.
- One student completed the residency at the University of Colorado Hospital- Anschutz Medical Campus, Outpatient Pavilion-Health Nexus.

**PhD Program:**

- Six students were enrolled in October 2019 and nine students in 2020
- Nine new applications were received in the Fall of 2019, six were accepted and three were newly enrolled in the Fall of 2020.

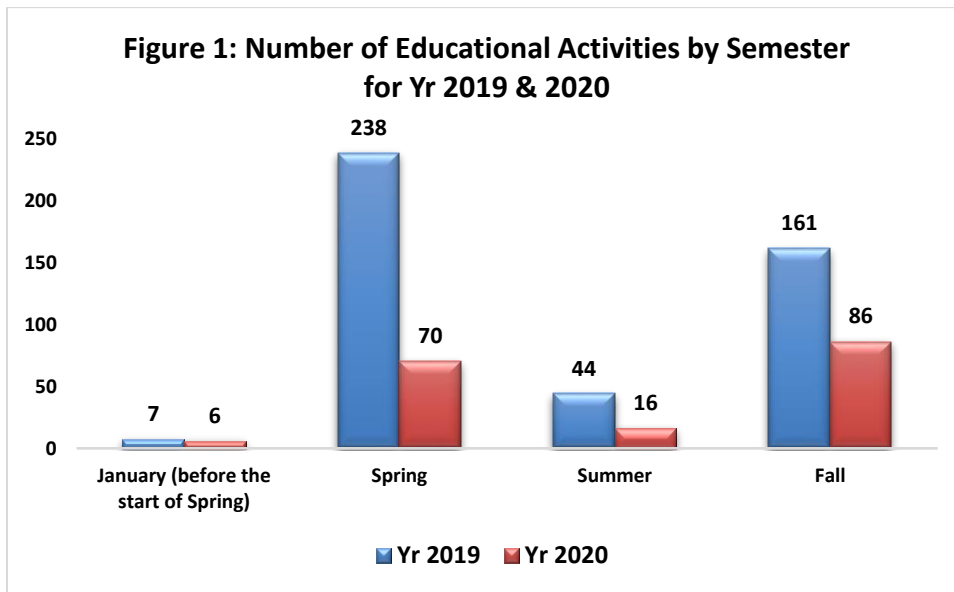
## B. SIMULATION TECHNOLOGY at HSON

### Academic Year 2019-2020

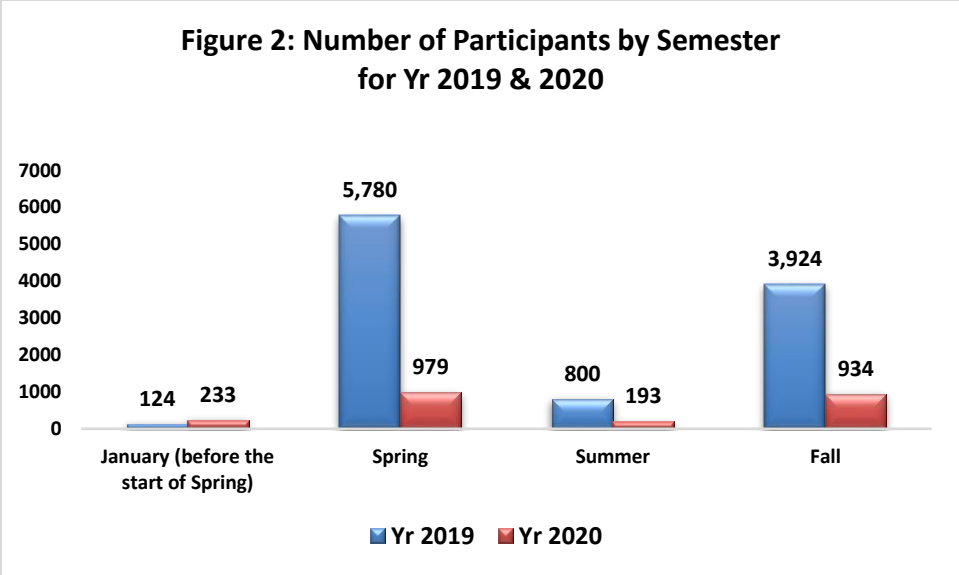
During 2019-2020, the Simulation and Clinical Competency Center (SCCC) provided activities/services – for both AUB and non-AUB users - in line with its mission statement. Users included HSON students enrolled in undergraduate and graduate programs (HSON users), nutrition and dietetics students, medical students, residents, faculty members and nurses from AUB and elsewhere (non-HSON users).

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

In 2020, SCCC supported 178 simulation training activities/ experiences that involved 2339 participants, including HSON and Non-HSON users. When comparing 2020 statistics with that for year 2019, we notice a 60% decrease in activities and 80% decrease in the number of participants. This is expected due to lock down because of COVID 19. For both years, the spring semester had the highest number of activities (53%) and the around the same number of users (Figure 1 & Figure 2 respectively).

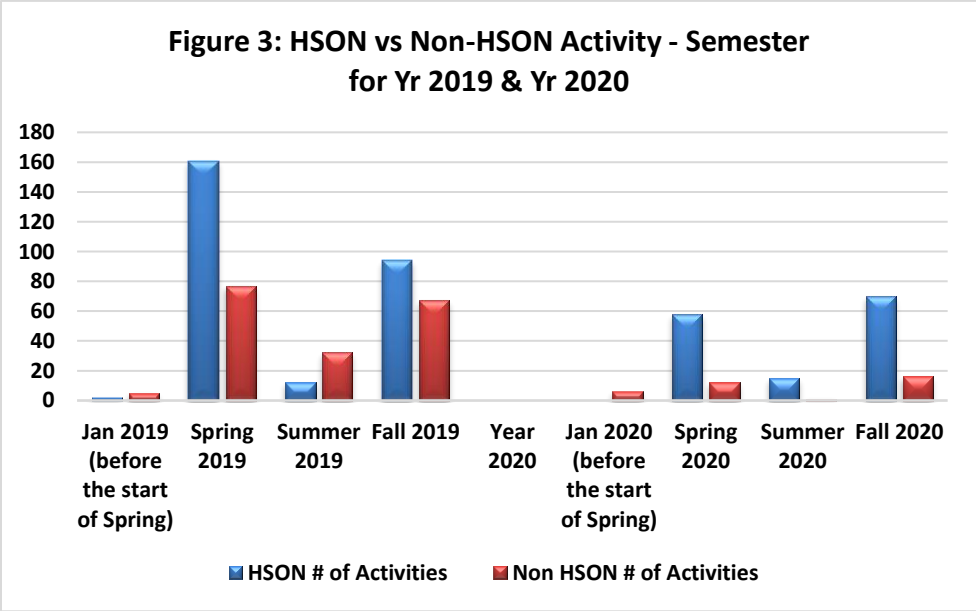


**Legend: Educational Activity: each time the lab is utilized regardless of the objectives or content of the learning/teaching that is occurring.**



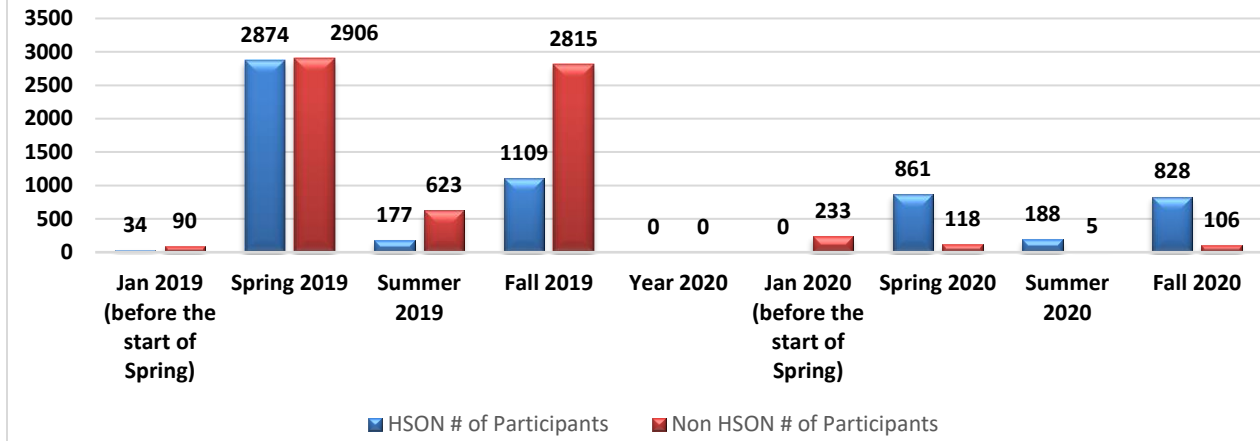
**Legend: Participant: a person using the lab whether student, resident, nurse, or employee from AUB/AUBMC community or outside.**

During the spring and fall semesters for both years (2020 & 2019), HSON activities outnumbered Non-HSON activities. Only during the summer of 2019 the Lab had more Non-HSON activities- medicine finish their spring semester much later than nursing (see figure 3).



In 2019 and through all semesters, non-HSON users outnumbered HSON users (medicine classes come in big numbers). The exception is year 2020, where we had more HSON users again because of COVID 19 - we restricted access to lab for non-nursing (See figure 4).

**Figure 4: HSON vs Non-HSON Participants- Semester for Yr 2019 & Yr 2020**



**C. STUDENT PROJECTS, THESES, RESIDENCIES**

**MSN STUDENT PROJECTS AND THESES**

Name	Track	Defense Date	Project/Thesis	Project/Thesis Title	Project/Thesis Committee
Melissa Makhoul	Adult Gerontology CNS	February 27, 2019	Thesis	Pain Catastrophizing And Its Relationship With Pain-related Outcomes In Patients With Rheumatoid Arthritis.	Drs. Huda Huijer (Committee Chair), Imad Uthman and Souha Fares
Nadia Omeish	Nursing Administration And Management	April 1, 2019	Project	Marketing Plan for the PhD Program in Nursing Science Introduced At The Hariri School of Nursing	Adviser: Dr. Michael Clinton . Reader: Lina Younan
Lubna Rajab	Psychiatric Mental Health CNS	April 11, 2019	Project	Suicide Loss Survivors: A Toolkit For Mental Health Professionals	Advisor: Dr. Laila Farhood. Reader: Dr. Joseph El Khoury
Reem Salem	Adult Gerontology CNS	April 16, 2019	Project	The Assessment And Management Of Dementia Challenging Behavior In The Emergency Department. A	Reader: Dr. Hala Darwish. Reader: Dre. Eveline Hitti

				Proposed Evidence-Based Algorithm For Emergency Nurses.	
Cynthia Rizkallah	Community and Public Health Nursing	April 23, 2019	Thesis	Exploring the Determinants of Prenatal Education's Utilization among Expectant Women in Lebanon: A qualitative study.	Dr. Gladys Honein (Committee Chair), Labib Ghulmiyyah, Mona Nabulsi and Michael Clinton
Nay Ezzeddine	Community and Public Health Nursing	April 25, 2019	Thesis	Validation of the Heart Failure Index 9-Item European Heart Failure Scale Arabic Version (EHFScB Scale) Based on a Quantitative Survey Study	Drs. Gladys Honein (Committee Chair), Samar Nouredine, Angela Massouh and Monique Chaaya
Zepur Aharonian	Nursing Administration	May 2, 2019	Thesis	Exploring Chronic Fatigue Among Nurses Working In Pediatric Units In Lebanon.	Drs. Lina Younan, Michael Clinton (Committee Chair), Souha Fares and Mona Nabulsi
Sarah Abou Rihan	Psychiatric Mental Health CNS	May 3, 2019	Project	Anxiety And Depression In High Schools' Students in South Lebanon	Advisor: Dr. Laila Farhood. Reader: Dr. Fadi Maalouf
Elsa Jarawan	Psychiatric Mental Health CNS	May 3, 2019	Project	Designing An Educational Program To Promote Mental Health And Reduce Depression Among Older Adults	Advisor: Dr. Laila Farhood. Reader: Dr. Marina Adra
Linda Fakhreddine	Psychiatric Mental Health CNS	September 6,2019	Project	Street Children In Lebanon: The Case of Syrian Refugees A Community Mental Health Guideline Program Development	Advisor: Dr. Laila Farhood. Reader: Dr. Rima Habib

Yara Hazouri	Nursing Administration	September 6, 2019	Thesis	Quality Of Nursing Work Life Among Lebanese Nurses	Dr. Nuhad Dumit (Committee Chair); Drs. Suzanne Dhaini and Monique Chaaya
Rasha Itani	Nursing Administration and Management	January 8, 2020	Project	Low Back Pain Among Medical Surgical Nurses In Lebanon	Advisor: Dr. Lina Younan. Reader: Dr. Michael Clinton
Nada Issa	Community and Public Health Nursing	January 17, 2020	Project	Identifying Additional Measures For The Psychosocial Aspect Of Fatigue In Multiple Sclerosis	Adviser: Dr. Gladys Honein. Reader: Dr. Hala Darwish
Yvonne Jleilaty	Adult Care Nursing	January 27, 2020	Thesis	Knowledge And Self-Management of Patients With Chronic Kidney Disease	Drs. Samar Nouredine (Committee Chair); Drs. Souha Fares and Ali Abu Alfa.
Mohammad Taha	Adult Gerontology Clinical Nurse Specialist	January 28, 2020	Thesis	Symptom Clusters Severity And Effects On Quality of Life Of Hospitalized Oncology Older Adults In Lebanon	Dr. Huda Huijjer (Committee Chair); Drs. Souha Fares and Arafat Tfayli
Roula Shehadeh	Nursing Administration	February 17, 2020	Project	Exploring Brownout In A Sample Of Lebanese Nurses	Advisor: Dr. Michael Clinton Reader: Dr. Souha Fares
Hanadi Saad	Community and Public Health Nursing	Friday 25 January 2019	Project	Exploring Health Literacy In Patients With Non-Communicable Disease In South Lebanon	Advisor: Mrs. Mary Arevian. Reader: Dr. Samar Nouredine
Shadi Al Halabi	Nursing Administration	June 19, 2020	Project	Lebanese Nurse Managers' Selections of CNE offerings: Relevance to their Roles and Responsibilities	Adviser: Dr. Nuhad Dumit- Reader: Dr. Souha Fares

Malek AL Makkouk	Nursing Administration and Management	June 19, 2020	Project	A Continuing Professional Development Program for Nurse Managers	Advisor: Dr. Nuhad Dumit Reader: Dr. Lina Younan
Ammar Zahreddine	Dual degree of Master of Science: Psychiatric Mental Health Clinical Nurse Specialist Track and Community and Public Health Track	June 22, 2020	Thesis	Health Related Quality of Life in Adult Patients Following Hematopoietic Stem Cell Transplant	Dr. Laila Farhood (Committee Chair); Drs. Samar Noureddine & Ali Bazerbachi.
Joelle Massouh	Adult Gerontology Clinical Nurse Specialist	June 22, 2020	Thesis	Social Support with Resilience as Moderated by Depression, Anxiety, and Personality Type in Multiple Sclerosis Patients	Dr. Hala Darwish (Committee Chair); Drs. Souha Fares, Pia Zeinoun, & Samia Khoury
Christine Helou	Nursing Administration and Management	June 8, 2020	Project	Charging Medical Supplies: The Best Practice	Advisor: Dr. Lina Younan. Reader: Dr. Nuhad Dumit
Ahmad Termos	Adult Gerontology Clinical Nurse Specialist	June 17, 2020	Project	Treatment Delays for Patients with Acute Ischemic Strokes	Adviser: Dr. Samar Noureddine Reader: Dr. Mazen Al Sayed
Dounia Iskandarani	Adult Gerontology Clinical Nurse Specialist	Friday 22 January 2021	Thesis	Comparing Patient Outcomes of Transcatheter Aortic Valve Implantation versus Surgical Aortic Valve Replacement	Dr. Samar Noureddine (Committee Chair); Drs. Angela Massouh & Fadi Sawaya
Mireille Harakeh	Community and Public Health	Monday 18 January 2021	Project	Factors Influencing Implementation Of The Accreditation Process In Primary	Adviser: Dr. Gladys Honein Reader: Dr. Lina Younan

				Healthcare Centers In Lebanon.	
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### III. STUDENT- RELATED ACTIVITIES

#### STUDENT- RELATED ACTIVITIES

##### A. STUDENT ENROLLMENT/SCHOLARSHIPS

The table below shows the student enrollment in October 2020 for the Year 2019-20 and October 2021 for the Year 2020-21.

Student Enrollment	BSN		MSN		PHD	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
<b>Total Applied</b>	610	420	32	37	9	11
<b>Acceptance</b>	255	230	26	23	3	6
<b>New Enrolled</b>	<b>84</b>	<b>80</b>	<b>16</b>	<b>5</b>	<b>3</b>	<b>3</b>
<b>Yield</b>	33%	35%	62%	22%	55%	50%
<b>Committed</b>	78	72	16	5	3	3
<b>Total Enrollment</b>	<b>197</b>	<b>196</b>	<b>56</b>	<b>49</b>	<b>6</b>	<b>9</b>
<b>Female %</b>	69%	72%	82%	80%	83%	89%
<b>Male %</b>	32%	28%	18%	20%	17%	11%
<b>Lebanese %</b>	89%	90%	89%	90%	100%	100%
<b>International %</b>	12%	10%	11%	10%	0%	0%
<b>BSN Graduates</b>	40	52	7	10		

- A total of **80** interviews were conducted in May and June 2019 with new and currently registered BSN students for HSON Scholarships. **Forty one** were recommended, and **33** were awarded the scholarship and enrolled. The 60% (Financial Aid and HSON scholarship) is still attracting students who select a nursing major as their 3<sup>rd</sup>, 4<sup>th</sup>, or 5<sup>th</sup> choice when they apply to AUB.
- In 2020, due to the limited scholarship funds available, HSON relied mainly on the Hariri Endowed Fund. In the Fall 2020-21, HSON has coordinated with the Office of Financial Aid to offer additional financial support to new students. As a result, all new students received additional Financial Aid up to 60% in total. Twenty one students received additional financial support (19 new and 2 continuing).

##### 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 2019 and 2020 included various activities:

- **Graduate Open House:** HSON participated in the Graduate Open House on February 20, 2019 organized by the Graduate Council. The event was very successful; 132 candidates expressed



their interest in the MSN programs and 36 were interested in the PhD in nursing science. A list of potential applicants is documented for recruitment and follow up on admission applications.

- **School visits:** Due to the October 17 national uprising/revolution and road blocks, schools were not flexible in providing a one-hour for student orientation about HSON as they were closed several days due to the situation. As an alternative, the power point presentation has been sent to some student counselors to disseminate to their student body.
- **AUBMC Open House:** On April 23, 2019, HSON participated in the AUBMC Open House to recruit nurses from all over Lebanon. The SSO had a booth to promote the MSN and PhD programs.
- **Marketing and promotion of HSON academic programs** is also done through:
  - Social media: In addition to Facebook, LinkedIn and YouTube, a twitter account has been created for HSON.
  - Nursing Centralized Application System (CAS) portal: to recruit students from North America for the MSN program and for the BA/BS-BSN second degree accelerated program.
- In 2020, recruitment efforts were affected by October 17 revolution and COVID-19 pandemic. HSON has not done any school visit in year 2020. However, HSON organized in January and February 2020 a recruitment program with different scout groups in Lebanon where they attended informational sessions about nursing, first aid sessions, scenarios at the simulation lab and relevant games. In addition, HSON participated in weekly virtual orientation sessions, in coordination with the Office of Admissions to promote the UG program.
- At the graduate level, HSON participated in the Graduate Open House that was organized in February 19, 2020 to promote the MSN and the PhD program.
- An Undergraduate Virtual Open House in April 2020 replaced the AUB school fair and due to COVID-19 pandemic, the orientation was online and attracted more than 400 participants. HSON Dean, faculty, staff and students participated in the open house. A follow up was done with interested applicants a week later, where they were given the opportunity to attend online classes and shadow our nursing students during their clinical practice. Interested applicants provided positive feedback on the orientation experience and ended up by applying and enrolling in the BSN program.

### C. STUDENT ACTIVITIES

Nursing students were involved in various community projects and activities in their Community Course and in events organized by the Nursing Students Society (NSS) in 2019:

- **New Student Orientation:** During the orientation of newly-enrolled students, some undergraduate and graduate students provided testimonials and success stories about the nursing profession.
- **AUB Mentorship in Nursing:** The AUB Mentors in Nursing (AMIN) program continues to provide a lot of support to new students, by guiding them into the registration process, informing them about the student life, etc.

- **School Fair:** BSN and MSN students participated in the AUB School Fair that was held on Campus, from April 1- April 17, 2019. On April 21, 2020, students presented their testimonials in the Virtual Open House that replaced the school fair. The school fair and the virtual Open House was organized by the office of admissions and was open to students from different high schools.
- **The AACN Graduate Nursing Student Academy (GNSA):** Ninar Skheita was selected to be the new GNSA liaison for HSON graduate students for the AY-2019-20. She informs graduate students about upcoming events, news, conferences, career fairs, etc.
- **University Research Volunteer Program (URVP):** Occasionally, undergraduate nursing students volunteer to participate in the University Research Volunteer Program (URVP) organized by AUB.
- **AUB Outdoors:** Nursing students participated in the AUB Outdoors activities in May 2019.
- **NSS elections:** Elections for the Nursing Student Society were held in May 2019 and a cabinet was formed.
- **SRC and USFC elections:** Elections for the SRC and USFC were cancelled in 2019 due to the national uprising/revolution and were conducted online in 2020; it is worth mentioning that it was the first nursing students had seats in the USFC as an independent school.
- **AMIN coffee hour: In the fall 2019-20,** AMIN mentors organized a coffee hour for new and returning students so new students can learn from senior students about the program, activities, etc.
- **Trivia Night:** On March 6, 2019, the first Trivia Night was held by the Nursing Students Society (NSS). Students tested their general knowledge and fun spirits and got competitive. In the end, the winning three teams got valuable prizes from sponsors: Latte Art, Spiced and Sliced, The Conut, Roadster Dinner, and Crepaway!
- **LGBT Health Workshop:** On March 17, 2019, the NSS and LEBMASH held the LGBT Health Student Workshop. This workshop provided students with basic knowledge about sexual health, health concerns, and disparities of lesbian, gay, bisexual, and transgender communities. The workshop used active learning strategies to provide students with opportunities to practice affirming and inclusive health regardless of sexual orientation or gender identity.
- **Other activities:**
  - In 2020, the Nursing Student Society conducted Christmas Cookies event-fundraising, Toys and books drive drop off, and Psychiatric awareness campaign on mental health.
  - Following the August 4, 2020 blast, nursing students were involved in several community projects in Beirut, Karantina for screening, blood/sugar tests, promoting COVID-19 precaution

measures and assessing health care needs. These activities were featured in the international AACN newsletter.

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

- **Credentialing Requests of Nursing Graduates**

At the request of the Student Services Office, a new online credentialing request has been developed by the IT Department that enables nursing alumni to request and pay for their credentials online. The service went live in early 2019.

With the great demand for certification in different areas of nursing, the number of requests for credentials has increased from 20 in 2019 to 28 in 2020. The majority of requests were submitted to the Commission on Graduates of Foreign Nursing Schools (CGFNS) in the USA.

- **Electronic Archiving System**

HSON is trying to implement an electronic archiving system for student files in coordination with the IT team and other departments at AUB. HSON attended several training sessions on LaserFiche archiving system, awaiting the final approval to get the License.

- **Online Student Orientation and Advising**

The New student Orientation and group advising were held online in the Fall 2020-21. The orientation is now created as a course on Moodle with different live sessions, videos, visuals and other instructions to guide the new students. In addition, the AMIN mentors played a major role to help the students to have a smooth integration in the program. To minimize the registration problems and answer all new student inquiries, the Student Services Officer held several live sessions to address all student registration issues, minimize the registration problems and answer all new students inquiries.

#### **IV. RESEARCH AND SCHOLARLY ACTIVITIES**

##### **A. CURRENT HSON FACULTY RESEARCH**

**Principal Investigator: Lina Abi Fakhr Kantar**

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

**Aim:** To assess the needs of clinical instructors and preceptors for preparation to their role

**Co-investigator:** Danielle Damianos

**Funding:** Center for Teaching and Learning – AUB

**Status:** Data Collection

**Principal Investigator: Huda Abu-Saad Huijer**

**Palliative Care in Older Adults in Lebanon**

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

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

**Funding:** CNRS

**Status:** Data collection completed. Articles in progress.

Secondary Data Analysis: Thesis completed by Mohamad Taha 'Symptom Clusters Severity and Effects on Quality of Life of Hospitalized Oncology Older Adults in Lebanon'

**Principle Investigator:** Huda Abu-Saad Huijer

**Chronic Pain: The Development and Psychometric Validation of an Arabic-Language Version of the Pain Catastrophizing Scale (PCS-A)**

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

**Co-investigators:** Souha Fares, Douglas French

**Funding:** Pfizer

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

Secondary Data Analysis: Thesis completed by Melissa Makhoul 'The relationship between pain catastrophizing and pain-related outcomes in patients with Rheumatoid Arthritis: A secondary analysis of research data'.

**Primary investigator:** Marina Adra

**Impact of person-centered care on dementia-related aggressive behaviors and quality of life on people with dementia living in nursing homes in Lebanon: a feasibility study.**

The study aims at evaluating the impact of person-centered care (PCC) on aggressive symptoms of dementia and quality of life of older residents living with dementia.

**Co-investigator:** Hala Darwish

**Funding:** URB

**Status:** Ongoing

**Principal investigator:** Marina Adra

**Promoting a Culture of Community in Nursing Homes in Lebanon through Forging Partnerships**

The aim of this study is to contribute to the understanding of how the formation of significant relationships in care homes in Lebanon may support the development of a culture of community.

**Co-investigators:** Zepur Aharonian, Abla Sibai

**Funding:** URB

**Status:** Data collection completed. The PI is in the process of writing the manuscript.

**Principal Investigator:** Farah Ahmad

**Perceptions of Complementary and Alternative Medicine (CAM) among users, providers and health care workers in Lebanon**

Recently, there has been a renaissance of interest in Complementary and Alternative Medicine (CAM) therapies. By exploring the perceptions of CAM users/non-users, providers and health care workers,

this study aims to examine the knowledge, attitudes, and practices of CAM use, as well as the related barriers and enablers.

**Co-investigators: Gladys Honein**

**Funding:** None

**Status:** Data analysis in progress

**Principal Investigator: Elie Akl**

**Kickbacks between physicians and healthcare facilities**

The objective of this study is to explore the interactions between physicians and laboratory and radiological diagnostic centers in Lebanon.

**Co-investigators: Gladys Honein, Alaa Ousta, Rola Cheiato, Maya Diab, Michael Bejjani, Mohammad Chahrour**

**Funding:** None

**Status:** Data analysis in progress, manuscript writing

**Principal Investigator: Nour Alayan**

**Using simulation-based experiential learning to integrate Screening, Brief Intervention, and Referral to Treatment (SBIRT) in the nursing curriculum.**

It aims at examining the effect of the simulated Screening, Brief intervention, and Referral to Treatment (SBITR) teaching on nursing students' attitude, knowledge skills and performance of SBIRT techniques in addressing substance use in pregnant women and adolescents.

**Co-investigators: Tamar Avedissian, Dina Madi, Ghada Najjar Assaf.**

**Funding:** Center of Teaching and Learning (CTL)

**Status:** Ongoing

**Principal Investigator: Nour Alayan**

**Nurses' and Pediatricians' Attitudes, Perceptions, and Practices of Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Adolescent Substance Use: A Multisite Cross-Study in Primary Care and School Settings**

This study aims to explore nurses' and pediatricians' attitudes, perceptions, and practices regarding adolescent substance use screening and interventions.

**Co-investigators: Tamar Avedissian, Ghada Assaf, Farid Talih**

**Funding:** URB

**Status:** Ongoing

**Principal Investigator: Ghada Assaf**

**Psychological well-being in overweight and obese adolescents in Lebanese schools: A cross-sectional study**

This study aims to investigate whether overweight and obesity are risk factors for psychological wellbeing among adolescents.

**Co-investigators: Gladys Honien, Dr. Fadi Maalouf, Dr. Lamis Jomaa**

**Funding:** University Research Board

**Status:** Data collection in progress

**Principal Investigator: Tamar Avedissian**

**The influence of overprotective parenting on growth and development of children with congenital heart disease**

The aim of this systematic review is to explore the influence of overprotective parenting on growth and development of toddlers and preschoolers with Congenital Heart Disease.

**Co-investigator: Samar Nouredine, Layal Hneiny, Sally Atwi**

**Funding:** None

**Status:** Full text-screening

**Principal Investigator: Dr. Marlene Chakhtoura**

**Mediterranean, Low Carbohydrate and Control diet in Obese Patients on Liraglutide: a Randomized Controlled Trial (primary outcome: Arterial Stiffness).**

**Specific Aims:**

1. We will assess the effect of various dietary interventions on cfPWV (primary outcome) in obese patients starting on Liraglutide, at 6 months after randomization.
2. To assess the effects of various dietary interventions on visceral adipose tissue (VAT) and other parameters of body composition (lean mass, total fat mass, and subcutaneous fat mass) in obese patients starting on Liraglutide, at 6 months after randomization.

**Co-PI:** Dr. Lara Nasreddine

**Co-I: Dr. Houry Puzantian** (Overseeing Primary Outcome: Cardiovascular profile/Arterial stiffness)

**Funding:** Farouk Jabre Interfaculty Award, AUB

**Status:** Ongoing

**Principal Investigator: Hala Darwish**

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

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

**Co-investigator:** Mariette Awad

**Funding:** Collaborative Research Stimulus (CRS) 2 years and National MS society

**Status:** IRB review

**Principal Investigator: Hala Darwish**

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

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

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

**Funding:** MPP

**Status:** Ongoing

**Principal Investigator: Suzanne R. Dhaini**

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

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

**Co-investigators:** Michael Simon, Dietmar Ausserhofer, **Nuhad Dumit**, **Huda Abu-Saad Huijer**

**Funding:** MPP

**Status:** Dissemination. Four papers published. Last paper work in progress.

**Principal Investigator: Dr. Yanis Ben Amor, University of Columbia**

**Lead Investigator in Lebanon: Nuhad Dumit**

**REfugees Act and Communicate for Health (REACH): Using Technology to Increase Health Literacy and Health Care Access for Refugees in Turkey and Lebanon**

This project aims to use a mixed methods research approach to explore and promote use of digital technologies among young refugees to improve their access to health information and services in Turkey and Lebanon.

**Co-investigators:** Dr. Ozge Karadag Caman, Dr. Selma Karabey

**Funding:** Center for Sustainable Development, Earth Institute, Columbia University

**Status:** Under IRB revision

**Principal Investigator: Nuhad Dumit**

**Perspectives of Registered Nurses on Refugee Healthcare in Lebanon and Jordan: A Multi-site Cross-sectional Study (PROFILE)**

The overall aim of this research project is to explore the perspectives of Lebanese and Jordanian nurses on the effect of the influx in healthcare demands due to the protracted Syrian refugee crisis on the health of nurses working in hospitals and primary healthcare centers in Lebanon and Jordan and to examine how this crisis is impacting the quality of their services.

**Co-investigators:** **Gladys Honein**, Ibtissam Al Zaru, Muntaha Gharaibeh, Nancy R. Reynolds, Patricia M. Davidson, **Suzanne R. Dhaini**

**Funding:** Global Health Institute

**Status:** Qualitative data collection completed; manuscript in press to the *Journal of Nursing Scholarship*; quantitative data collection commenced in March 2019. Quantitative data collection in process.

**Principal Investigator: 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:** Manuscripts in preparation.

**Principal Investigator: Souha Fares**

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

The research proposal is focused on the use of non-conventional blood pressure variability (BPV) metrics (complexity measures and detrended fluctuation analysis exponents) to examine the potential role of this novel cardiovascular risk factor in the adult Lebanese population. Our primary objective is to determine the effect of weight loss through bariatric surgery on blood pressure dynamics in obese and morbidly obese normotensives (No-HTN), pre-hypertensive (pre-HTN), and hypertensive patients (HTN). We also aim to show that beat-to-beat BP complexity and fluctuation metrics will provide superior discrimination between No-HTN, pre-HTN, and HTN subjects, and will differ for demographic sub-cohorts. Another objective is to quantify the impact of BPV on the normal and shear stresses at the walls of the blood vessels.

**Co-investigators:** Kamal Badr, Bassem Safadi, Issam Lakkis

**Funding:** MPP

**Status:** Data collection in progress.

**Principal Investigator: Laila Farhood**

**Promoting psychosocial and mental health care through community-based educational workshops for teachers and parents: A follow-up to mental health assessment in civilians exposed to traumatic war events in South of Lebanon**

This study aimed to address the needs of children affected by wars in South Lebanon. It consisted of two phases whereby in the first phase focus groups with teachers and parents were conducted to identify their mental health needs. The second phase employed a quantitative, quasiexperimental pre-post design in which school-based educational programs were administered to the same sample. The Strengths and Difficulties Questionnaire (SDQ), General Health Questionnaire (GHQ-28) and Attitudes towards Mental Illness Questionnaires (ATMIQ) were administered before and after the intervention, and at 1.5 years follow-up.

**Co-investigators:** Dr. Fadi Maalouf

**Funding:** MPP/URB

**Status:** Two papers were published so far and additional ones coming soon

**Principal Investigator: Laila Farhood**

**Empowering Families cope with adversity: Improving family resilience and individual wellbeing**

The aim of this research is to develop and evaluate the impact of a family-based MHPSS intervention to determine its acceptability, feasibility, and initial impact on improving family cohesion and reducing distress.

Sub-objective 1: Adapt an existing evidence-based multi-family MHPSS programme to meet the cultural and contextual needs

Sub-objective 2: Conduct a pilot trial to assess impact on family cohesion and individual distress and investigate acceptability and feasibility related to the implementation and uptake

**Co-investigators:** International Medical Corps UK (lead applicant/partner), American University of Beirut (sub-partner), Johns Hopkins University School of Public Health (sub-partner)

(Primary) Claire Whitney, MIA, LICSW Senior Global Mental Health and Psychosocial Support Advisor  
International Medical Corps UK



**Funding:** European R2HC funding

**Status:** Was shortlisted and got soft money for 1<sup>st</sup> phase however it was not funded due to AUB overhead.

**Principle Investigator:** Dr. Ghada El-Hajj Fuleihan

**Expanding Capacity Building in Non-Communicable Diseases: The Scholars in Health Research Program (SHARP) at the American University in Beirut**

**Specific Aims:**

1. Redesign and deliver the Summer Certificate into a Blended format to enhance flexibility
2. Develop and deliver new advanced quantitative methods modules to expand its core curriculum
3. Launch a mentorship and Career Advancement Network Program (SHARP CAN)
4. Launch the Scholars Research Fellowship Grant Program, to provide SHARP trainees with stipend support, to complete an NCD project.

**Co-PI:** Huda Abu-Saad Huijer

**Mentor:** Samar Noureddine

**Co-Mentor and Instructor:** Dr Houry Puzantian

**Funding:** NIH D43 Fogarty International Research Training Award (NCD-LIFESPAN)

**Status:** Ongoing

**Principal Investigator:** Gladys Honein

**Towards an Organized Colorectal Cancer Screening Program: An Action-oriented Research**

This project is considered a pilot study to be used as a tool to guide decision-makers adopt evidence-based approaches at a national level

**Co-investigators:** Tamar Kabakian, Marco Badrus, Hana Nimer, Caren Daou, Nathalie Awada, Layla Al Hajj, Rasha Ghassani, Malak Tabaja

**Funding:** Global Compact Network Lebanon

**Status:** Data collection completed; data analysis in progress.

**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:** Manuscript writing

**Principal Investigator:** Gladys Honein

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

The purpose of this study is to understand the ways in which medical/ surgical patients during their hospital stay at AUBMC recognize, identify, and understand the ways in which bedside nurses' and physicians' behavior conveyed aspects of communication (listening versus the absence of listening, empathy projected, interpersonal skills, and education provided by nurses and physicians). The

objective is to assess patients' perception regarding communication by the physician and nurse and how this affects patient experience and satisfaction.

**Co-investigators:** Ahmad Diab, Lama Al Jurdi

**Funding:** None

**Status:** Data analysis

**Principal Investigator:** Gladys Honein

**Reduce, Recover, Recycle (3 Rs)- Food Waste Management Initiative. Water- Energy- Food- Health Nexus Renewable Resources Initiative: WEFRAH**

This initiative aims at improving the food service establishments' practice regarding responsible food production and management. It is proposing to reduce the food waste during preparation, recover the edible part of the leftover food by donating them to refugees and impoverished in the Bekaa area, and recycle the inorganic waste and compost the remaining inedible food. Within this context, the project targets the Sustainable Developmental Goal (SDG 12), which addresses sustainable consumption and production patterns

**Co-investigators:** Jean Abdelnour, PPD; Walid El Khazen, IT; Darine Hachem, FAFS; Farouk Merhebi, EHSRM; Randa Salamoun, OSB; Elizabeth Saleh, FAS. (CO-I)

**Funding:** Water- Energy- Food- Health Nexus Renewable Resources Initiative: WEFRAH-American University of Beirut

**Status:** Awaiting IRB approval

**Principal Investigator:** Lamis Jomaa

**Developing a Cash Plus Nutrition Social and Behavioral Change Communication (SBCC) Strategy to Improve Dietary Choices among Syrian Refugees: The Case Study of Tyre, Lebanon**

Develop complementary culturally-appropriate nutrition Social and Behavioral Change Communication (SBCC) strategies that will assist in improving the dietary behaviors of Syrian refugee beneficiaries.

**Co-investigators:** Gladys Honein, Lara Nasreddine, Sahar Nassour

**Funding:** None

**Status:** Data analysis in progress

**Principal Investigator:** Lamis Jomaa

**Registered and unregistered Syrian refugees: Impact on access to health services, employment and psychosocial health.**

**Co-investigators:** Gladys Honein, Dana Nabulsi, Hussein Ismail, Fida Abou Hassan, Lea Sacca

**Funding:** None

**Status:** Manuscript writing

**Principal Investigator:** Loulou Koubaissi (World Health Organization)

**SEEK Trial: The effect of increased Self- Efficacy and Knowledge (using an innovative psychosocial SRH package) on sexual and reproductive health service use among young refugee women and adolescents**

We aim to develop and adapt a low intensity multi-component psychosocial intervention, infused with sexual and reproductive health (SRH) knowledge and focused on empowering self-efficacy around SRH

use, particularly pertaining to the use of selected SRH services. The package is being proposed to empower goal setting, communication skills, problem management, stress management, as well as self-efficacy on use of SRH services. Ultimately, the improved use of SRH services could translate to improved SRH outcomes among refugee populations, such as averting unplanned pregnancies, reducing complications of abortion, and sexually transmitted infections among the refugee population.

**Co-investigators:** Dr. Fouad Fouad, Dr. Antoine Abu Musa, Dr. Tima Al Jamil, Dr. Myrna Doumit, **Dr. Gladys Honein**

**Funding:** World Health Organization

**Status:** Manuscript writing

**Principal Investigator: Dr. Sahar H. Koubar**

**Mental Health Problems One Year Post Kidney Transplantation**

The objective of our research project is to assess the magnitude of mental health problems one year post renal transplant and to identify any contributing socioeconomic factors or unique personal characteristics that might be particular to our population. We also aim to look at the association between mental health problems and compliance with immunosuppressive medications.

**Principal Co-Investigator:** Dr. Walid Medawar and **Dr. Laila Farhood**

**Co-investigators:** Dr. Ahmad Al Masry, Dr. Maan El Halabi, Dr. Rana Abu-Durgham

**Funding:** MPP

**Status:** Ongoing

**Principal Investigator: Dina Madi**

**Acceptability of Mobile Health Intervention for Supportive Pain Management for Adolescents with Cancer**

This study aims to assess the acceptability of a mobile health application (app) for supportive pain management in adolescents with cancer.

**Co-investigator:** Dr. Myrna A.A. Doumit

**Funding:** University Research Board (URB).

**Status:** data collection in progress

**Principal Investigator: Angela Massouh**

**Dyad Engagement in Heart Failure Self-Care**

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

**Co-investigator: Drs. Hala Darwish, Souha Fares, and Huda Huijer**

**Funding:** University Research Board at the American University of Beirut

**Status:** Data Collection

**Principal Investigator: Angela Massouh**

**Appraisal, Burnout, and Coping in Dyads Living with Chronic Illness: The ABCs of Informal Caregiving**

The primary aim of this study is to explore quality of life, family relationships, and health outcomes of dyads living with chronic illnesses.

**Co-investigator:** Drs. Nour Alayan [HSON] and Samar Nouredine [HSON]

**Funding:** Doha International Family Institute at Qatar Foundation

**Status:** Starting

**Principal Investigator: Angela Massouh**

**Reflective Simulation-Based e-Training on Motivational Interviewing for Interprofessional Teams [RESeT-MI].**

Objectives of this study are to: [1] develop a simulation-based reflective e-training module [RESeT-MI] on Motivational Interviewing [MI] for interprofessional [IP] health students; [2] assess the impact of RESeT-MI on knowledge, attitudes, and confidence; [3] objectively measure MI fidelity using a simulated patient interview; and [4] explore whether self-reflection can promote reflective learning.

**Co-investigator: Dr. Nour Alayan**

**Funding:** Scholarship of Teaching and Learning (SOTL) Grants program at the American University of Beirut

**Status:** Starting; September 2021

**Principal Investigator: Nadine Moacdieh**

**Title: Perceptions of Music and Noise in AUBMC Operating Rooms**

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

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

**Funding:** None

**Status:** Data analysis.

**Principal Investigator: Samar Nouredine and Nuhad Dumit**

**The Lebanese Nurses' Health Study**

The study aims are to determine the prevalence of NCDs and related risk factors among Lebanese nurses; determine the association between their NCD risk factors and work conditions; and identify their attitudes and practices in relation to health risk reduction. The research design is descriptive correlational cross sectional and the method of data collection electronic survey using LimeSurvey.

**Co-Investigator:** Myrna Doumit

**Funding:** Pending approval by URB

**Status:** IRB approval received. Questionnaire translation and pilot testing in progress

**Principal Investigator: Samar Nouredine**

**A survey of the knowledge, attitudes, and practices of physicians related to air pollution**

The specific aims of this study are to 1) describe the knowledge, 2) determine the current practice, 3) identify physician's attitudes related to air pollution, and compare the study outcomes by gender, years of practice, and medical specialty. This study uses descriptive cross-sectional correlational design. The target population included physicians from various medical Societies of the Lebanese Order of Physicians who were sent the questionnaires using Limesurvey.

**Co-PI: Angela Massouh, Hazem Assi, Najat Saliba**

**Funding:** In kind support by the Vascular Medicine program

**Status:** Manuscript write up in progress.

**Principal Investigator: Samar Nouredine**

**Resuscitation in the Intensive Care Unit: A Survey of Physicians in Lebanon**

The aim of this study is to explore the practices, attitudes, and challenges experienced by intensive care physicians related to in-hospital resuscitation. Lime Survey methodology was used and the final sample included 30 members of the Lebanese Society of Critical Care Medicine and 57 members of the Lebanese Society of Cardiology.

**Co-investigators:** Ahmad Husari, Mira Obeid, Hussain Isma'eel

**Funding:** In-kind support by the Vascular Medicine Program, AUBMC

**Status:** Manuscript under review by PLOSOne.

**Principal Investigator: Samar Nouredine**

**Survey of the Knowledge, Attitude, and Practices Related to Out of Hospital Resuscitation Among Nurses in Lebanon**

The aims of this study are to: 1) examine the knowledge, attitudes, and practice of nurses in Lebanon related to out of hospital cardiopulmonary resuscitation, and 2) 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 692 were recruited from 30 hospitals randomly selected from the 5 governorates, and 162 nurses working in primary health care centers. The self-administered questionnaire developed for this study asked about the training received by nurses in resuscitation and their related knowledge, experience, and attitudes regarding out of hospital cardiac arrest resuscitation, and the perceived importance of factors that may influence the nurse's decision to attempt resuscitation outside the hospital setting, in addition to demographic questions.

**Co-investigators: Tamar Avedissian, Nina Khatib, Joanna Irani**

**Funding:** In kind support by the Order of Nurses in Lebanon

**Status:** Manuscript submitted to Journal of Community Health.

**Principal Investigator: Saif Al Quaisi**

**Title: The Effects of Concurrent Physical and Psychosocial Demands on Muscle Tension, Perceived Workload, and Performance**

The goal of this research is to explore the impact of two psychosocial factors on the risk of developing an MSD, which included time pressure and workplace distractions. The specific objectives of this research were to examine the concurrent effects of physical factors and psychosocial factors on muscle activation, mental performance, and the perceived workload level.

**Co-investigators:** Saif Al-Qaisi, Rania Ghalayini, **Lina Younan**, Nadine Moacdieh.

**Funding:** None

**Status:** Data collection.

**Principal Investigator:** **Dr. Nesrine Rizk**

**The correlation between vascular reactivity as detected by pulse wave velocity and increased vascular specific markers of inflammation in HIV-Infected Individuals.**

**Specific Aims:**

1. To evaluate aortic stiffness in virologically controlled patients with HIV.
2. To determine the associations between levels of vascular-specific inflammatory markers (Monocyte activation, IL-6, d-dimer, CRP, VCAM, ICAM and TNF-alpha) and aortic stiffness in virologically controlled patients with HIV.
3. To examine the associations between HIV-specific factors (treatment choice and duration, nadir CD4 count, highest HIV viral load, current CD4 count and CD4:CD8 ratio) and aortic stiffness.

**Co-PI:** **Houry Puzantian**

**Funding:** Medical Practice Plan, AUB

**Status:** Ongoing

**Principal Investigator:** **Rana Sharara**

**The Do-Not-Resuscitate (DNR) Order: A cultural view**

The aim of this review is to synthesize the best available evidence (qualitative) of how the DNR order is practiced different parts of the world, in various cultural settings.

**Co-investigators:** **Gladys Honein**, Fernando, Asanga; Huon Snelgrove; Kiruthikah Thillai, Greg Mcanulty, Francis Ulmer, Dina El Achi, Zavi Lakissian

**Funding:** None

**Status:** Data analysis in progress

**Principal Investigator:** **Dr. Yasser Shuaib**

**Perceived Factors Influencing Participation in Fecal Immunochemical Screening Test for Colorectal Cancer among the Lebanese Population**

To examine the perceived factors influencing participation in FIT.

**Co-investigators:** **Gladys Honein**, Tarek Nammour, Hana Nimer

**Funding:** None

**Status:** Data collection.

**Principal Investigators:** **Hadi Skouri and Angela Massouh**

**Creating a Heart Failure Database [HF-Log] at the American University of Beirut Medical Center**

The aim behind developing the HF Database at AUBMC (HF-Log) is to describe the clinical characteristics, disease indices, and treatment specific modalities of in and outpatients with HF at AUBMC.

**Funding:** MPP

**Status:** Data Collection.

**Principal Investigator: Hadi Skouri**

**Prevalence of Elevated Heart Rate Among In-Hospital Oncology Patients**

To test the presence of an elevated heart rate in oncology patients. Secondary aims of this study are to evaluate the association between elevated resting heart rate at admission and 1-year mortality, assess if there is a statistically significant difference between heart rate at admission vs heart rate at discharge, describe the association of decline left ventricular ejection fraction related to the use of cardiotoxic chemotherapy, and evaluate how the use of heart lowering medication affects resting heart rate at admission and 1-year mortality in oncology patients.

**Co-Investigators: Angela Massouh, Hazem Assi, Arafat Tfaily**

**Status:** Manuscript writing.

**Principal Investigator: Kathy Wood**

**Symptom Measurement in Patients with Arrhythmias**

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

**Co-investigators:** Marwan Refaat, **Samar Nouredine**, Mostafa Hotait

**Funding:** Duke University

**Status:** Manuscript in preparation.

**Principal Investigator: Dr. Fouad Zouein**

**ACEIs and ARBs during COVID-19 Pandemic: Friends or Foes?**

Test the hypothesis that ACEIs/ARBs exert cardioprotective effects (and maintain those effects after three months) in COVID-19 patients with CVDs during the acute infection phase when compared to COVID-19 patients with CVDs that are on other cardiovascular medications.

**Co-investigator: Souha Fares, Marwan Refaat, Hasan Zaraket, Samer Kabbani**

**Funding:** CNRS

**Status:** Data collection in progress

**B. SCHOLARLY PUBLICATIONS**

1. Abed Al Ahad Mary, Chalak Ali, **Fares Souha**, Mardigian Patil and Habib Rima. (2020). Decentralization of solid waste management services in rural Lebanon: Barriers and opportunities. Waste Management & Research. DOI: <https://doi.org/10.1177/0734242X20905115>
2. **Abu-Saad Huijer H.**, Bejjani R., **Fares S.** Quality of Care, Spirituality, Relationships and Finances in Older Adult Palliative Care Patients in Lebanon, Annals of Palliative Medicine. 2019;8(5):551–558 DOI: 10.21037/apm.2019.09.08
3. **Abu-Saad Huijer H.** Nursing Education at AUB; A Brief History. Booklet.
4. **Abu-Saad Huijer H., Fares S., Bejjani R., Dhaini S., Nouredine S., Ghusn, G.** (2019). Symptom prevalence and management in older adult patients in Lebanon. Palliative and Supportive Care, 17,

- 464-471. <https://doi.org/10.1017/S1478951518000676>.
5. **Adra M.** & Aharonian Z. & Sibai A. (2019). Exploring resident-staff relationships in nursing homes in Lebanon. *International journal of qualitative studies on health and well-being*. 14. 1688605. [10.1080/17482631.2019.1688605](https://doi.org/10.1080/17482631.2019.1688605).
  6. **Adra, M.** (2020). Building a New Vision for Nursing Homes in Lebanon. In: Eckstein S. M. (Editor) 'Elderly Care, Current Issues and Challenges' pp. 85-112, Nova Science Publishers, New York
  7. **Alayan N.**, Carmody D., Eddie D., Eller L., & Bates M. (2019). Substance craving changes in university students receiving heart rate variability biofeedback: A longitudinal multilevel modeling approach. *Addictive Behaviors*, 97, 35-41. <https://doi.org/10.1016/j.addbeh.2019.05.005>
  8. Alameddine M., Kharroubi S.A., **Dumit N.Y. (Corresponding author)**, Kassas S., Diab-El-Harake M., & Richa N. (2019). What made Lebanese emigrant nurses leave and what would bring them back? A cross-sectional survey. *IJNS*, online: <https://doi.org/10.1016/j.ijnurstu.2019.103497>
  9. Al-Qaisi, S.F., El Tannir, A., **Younan, A.L.**, & Kaddoum, R.N. 2020. An ergonomic assessment of using laterally tilting operating room tables and friction reducing devices for patient lateral transfers. *Applied Ergonomics*, 87. <https://doi.org/10.1016/j.apergo.2020.103122>
  10. Anker, M. S., Bouletti, C., Christodoulides, T., Durante, A., Gara, E., Hadzibegovic, S., Keramida, K., Lena, A., **Massouh, A.** Jankowska, E. A. (2020). The heart failure specialists of tomorrow: a network for young cardiovascular scientists and clinicians. *ESC Heart Failure*, 7, 873-877. doi:10.1002/ehf2.12674
  11. Bakkar N., Yazbi A., Zouein F. and **Fares S.** (corresponding author). (2020). Beat-to-Beat Blood Pressure Variability: An Early Predictor of Pathology and Cardiovascular Risk. *The Journal of Hypertension*. 39(5):830-845. DOI: 10.1097/HJH.0000000000002733
  12. Bakkar N., Mougharbil N., Kaplan A., Eid A., **Fares S.**, Zouein F. and El Yazbi A. (2020). Worsening baroreflex sensitivity on progression to Type2 diabetes: localized vs. systemic inflammation and role of antidiabetic therapy. *American Journal of Physiology- Endocrinology and Metabolism*. 319(5):E835-E851. DOI: <https://doi.org/10.1152/ajpendo.00145.2020>
  13. Bates, M., Buckman, J., Eddie, D., Epstein, E., & **Alayan, N.** (2020) Natural cardiovascular gains during addiction treatment and breathing interventions to decrease craving during recovery. Collaborative Perspectives on Addiction Meeting, Society of Addiction Psychology, APA Division 50, San Diego, California
  14. Booz G., Altara R., Eid A., Wehbe Z., **Fares S.**, Zaraket H. and Zouein F. (2020). Macrophage responses associated with Covid-19: a pharmacological perspective. *The European Journal of Pharmacology*. 15; 887:173547. DOI: 10.1016/j.ejphar.2020.173547
  15. **Clinton M.**, **Younan L.** and **Fares S.** Multidimensional Rasch Analysis of the Arabic Occupational Fatigue Exhaustion Recovery Subscales. (2019). *Journal of Nursing Measurement*. 27 (1), 64-76. DOI: 10.1891/1061-3749.27.1.64
  16. **Dakessian Sailian S.**, **Abu Saad Huijer H.**, **Dhaini S.**, **Gharibian Adra M.** (2019) Palliative Care Assessment Tools for Older Adults. *Lebanese Medical Journal* N° 67-2 - Pages 94-102
  17. **Darwish H.**, Zeinoun P., Farran N., Ghush H., Yamout B., Khoury SJ (2019). The First Arabic Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in multiple sclerosis journal, *sage publications* 25 (8), NP13-NP14.



18. **Dhaini S. R.**, Ausserhofer D., El Bajjani M., **Dumit N.**, **Abu-Saad Huijer H.**, & Simon M. (2019). A longitudinal study on implicit rationing of nursing care among Lebanese patients - Study protocol. *J Adv Nurs*, 75(7), 1592-1599. doi:10.1111/jan.14012
19. **Dhaini S.R.**, **Dumit N. (Corresponding author)**, **Honein-AbouHaidar G.**, Al Zaru I.M., Gharaibeh M., Reynolds N.R., Davidson P.M., Nabulsi D. (2019). Perspectives of Registered Nurses on refugee healthcare in Lebanon and Jordan (PROFILE): A multi-site cross-sectional study protocol. *J Adv Nurs*. 2019;00:1–9. DOI: 10.1111/jan.14217
20. **Dumit NY.**, **Honein-AbouHaidar G.** The Impact of the Syrian Refugee Crisis on Nurses and the Healthcare System in Lebanon: A Qualitative Exploratory Study. *Journal of Nursing Scholarship: An Official Publication of Sigma Theta Tau International Honor Society of Nursing*. 2019, vol.51, no.3, pp-289-298
21. **Fares S.**, **Dumit N. (Corresponding author)**, and **Dhaini S.** (2019). Development and Psychometric Testing of the Basic and Continuing Education Learning Needs of Nurses Instrument in Lebanon. *International Nursing Review*. In Press DOI: 10.1111/inr.12520
22. **Fares S.**, Dirani J. and **Darwish H.** (2019). Arabic Validation of the Hopkins Symptom Checklist-25 (HSCL) in a Lebanese sample of Adults and Older Adults. *Current Psychology*. DOI: <https://doi.org/10.1007/s12144-019-00240-x>
23. **Honein-AbouHaidar G.**, Noubani A., El Arnaout N., Ismail S., Nimer H., Menassa M., Coutts AP., Rayes D., Jomaa L., Saleh S., Fouad FM. Informal Healthcare Provision In Lebanon: An Adaptive Mechanism Among Displaced Syrian Health Professionals In a Protracted Crisis. *Conflict And Health*. 2019, vol.13, pp-40
24. Ibrahim N., **Honein-Abou Haidar G.**, Jomaa L. Perceived Impact Of Community Kitchens On the Food Security of Syrian Refugees and Kitchen Workers in Lebanon: Qualitative Evidence in A Displacement Context. *Plos One*. 2019, vol.14, no.1, pp-e0210814
25. Isma'eel H., **Noureddine S.**, Mohammad M., Zgheib A., Abou Arbid S., Njeim M., Nasr S., Bassil R., Sarkis A., Abi Saleh B. , El Sayed M. (2019). Out-of-Hospital Cardiopulmonary Resuscitation: A position statement of the Lebanese Society of Cardiology and the Lebanese Society of Emergency Medicine. *Cardiovascular Diagnosis and Therapeutics*, 9(6), 609-612. doi: 10.21037/cdt.2019.11.04
26. Jaafar, N., **Massouh, A.**, & Skouri, H. May 2020. *Characteristics of Patients with Heart Failure in Lebanon*. Poster Presentation at the Heart Failure Association at the European Society of Cardiology.
27. **Kantar, L.**, Ezzeddine, S., & Rizk, U. (2020). Rethinking clinical instruction through the zone of proximal development. *Nurse Education Today*, 95, 104595. <https://doi.org/10.1016/j.nedt.2020.104595>
28. **Kantar L.** (March, 2020). Clinical precepting: A learner-centered pedagogy. Paper accepted for podium presentation at the NLN and STTI Nurse Education Research Conference 2020. USA: Washington DC.
29. Lockwood M., Chung S., **Puzantian H.**, Bronas U., Ryan C., Park C., and DeVon H. (2019). Symptom Cluster Science in Chronic Kidney Disease: A Literature Review. *Western Journal of Nursing Research*; 41(7):1056-1091.
30. Maalouf F.T., Alamiri B., Atweh S., Becker Cheour A E., **Darwish H.**, Ghandour L.A., Ghuloum S., Hamze M., Karam E., Khoury B., Khoury S.J., Mokdad A., Meho L.I., Okasha T., Reed G.M., Sbaity E., Zeinoun P., Akl E.A. (2019). Mental health research in the Arab region: challenges and call for action. *The Lancet Psychiatry*, 1-6.

31. **Madi D.** & Badr L. (2019). Translation, cross-cultural adaptation, and validation of the Adolescent Pediatric Pain Tool (APPT) for Multidimensional Measurement of Pain in Children and Adolescents. Accepted for publication in *Pain Management Nursing*. *Pain Management Nursing*, 20,549-555.
32. Mardignian P., Chalak A., **Fares S.**, Parpia A., El Asmar K. and Habib R. (2019). Pesticide practices in coastal agricultural farms of Lebanon. *International Journal of Environmental Health*. 17: 1 – 16. DOI: 10.1080/09603123.2019.1634797
33. **Massouh, A., Huijjer, H.**, Meek, P., & Skouri, H. (2020). Determinants of Self-Care in Patients with Heart Failure: Observations from a Developing Country in the Middle East. *Journal of Transcultural Nursing*, 1-10. doi:10.1177/1043659619865587
34. **Massouh, A.**, Skouri, H., Cook, P., **Huijjer, H.**, Khoury, M., & Meek, P. (2020). Self-Care Confidence Predicts Self-Care Management and Maintenance in Patients with Heart Failure. *Heart & Lung*, 1-6. doi: 10.1016/j.hrtlng.2019.07.008
35. Medlej Y., Asdikian R., Wadi L., Salah H., Dosh L., Hashash R., Karnib N., Medlej M., **Darwish H.**, Kobeissy F. and Obeid M., (2019). Enhanced setup for wired continuous long-term EEG monitoring in juvenile and adult rats: application for epilepsy and other disorders. *BMC neuroscience*, 20(1), p.8.
36. Medlej Y., Salah H., Wadi L., Saad S., Bashir B., Allam J., Atouim Z., Darwish N., Karnib N., **Darwish H.**, Kobeissy F., Wang K., Hamade E., Obeid M. (2019). Lestaurtinib (CEP-701) modulates the effects of early life hypoxic seizures on cognitive and emotional behaviors in immature rats. *Epilepsy & Behavior*, 92, 332-340.
37. **Noureddine\*, S., Dumit, N. Y.**, Maatouk, H. (2020). Patients' knowledge and attitudes about Myocardial Infarction. *Nursing & Health Sciences*, 22, 49-56. doi. org/10.1111/nhs.12642.
38. **Noureddine S.**, & **Massouh A.** (2019). Self-Care in Cardiovascular Nursing. *European Journal of Cardiovascular Nursing*. Retrieved from: <https://journals.sagepub.com/page/cnu/collections/virtual-special-issues/self-care>
39. **Noureddine S.**, & **Massouh A.** (2019). Factors Associated with Continued Smoking in Acute Coronary Syndrome Patients. *Journal of Cardiovascular Nursing*, 34, 94-98. doi:10.1097/JCN.0000000000000514
40. **Puzantian, H** and Mead, D. 2020. Advanced Kidney Disease: What the Non-Nephrology Nurse Practitioner Needs to Know. *The Nurse Practitioner*; 45(12): 16-24. [Invited by the National Kidney Foundation]
41. **Puzantian H** and **Darwish H.** 2020. Redesigning a PhD Measurement Course for A New Era of Nursing Science. *Journal of Professional Nursing*; 37(2): 387-390.
42. **Puzantian H**, Ghezzawi M, El-Haber R, Abi Kharma E, El Zein O, Chakhtoura M. (2020) The association and the predictors of mortality in obese patients with COVID-19 infection: A Systematic Review and Meta-analysis. Registered protocol on PROSPERO 2020 (CRD42020220140) Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42020220140](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42020220140)
43. Rosser S., Buckner E., **Avedissian T.**, Sze Ki CD, Eviza K., Hafsteinsdottir T., Hsu MY, Kirshbaum MN, Lai C., Chye Y., Waweru S., Ramsbotham J. (2020). Initiating the Global Leadership Mentoring Community (GLMC): Building Capacity across Sigma Regions. *International Nursing Review*, 00, 1-11
44. Shaya B., Al Homsy N., Eid K., Haidar Z., Khalil A., Merheb K., **Honein-Abou Haidar G.**, Akl EA. (2019). Factors Associated With The Public's Trust In Physicians In The Context Of The Lebanese Healthcare System: A Qualitative Study. *BMC Health Services Research*, vol.19, no.1, pp-525

45. Sweileh W.S., **Abu-Saad Huijer H.**, Al-Jabi S.W., Zyoud S.H., Sawalha A.F. (2019). Nursing and midwifery research activity in Arab countries (1950 – 2017). *BMC Health Services Research*, 19 (340), doi:10.1186/s12913-019-4178-y.
46. **Tashjian H.**, Tavoukjian V., Lee G., Rafferty A.M. (2019). Long term outcomes and health-related quality of life in adult ICU survivors: a systematic review. PROSPERO 2019 CRD42019143023 Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42019143023](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42019143023)
47. Yammout R. I., **Dakessian Sailian S.**, Beydoun H. M. (2020) The State of Palliative Care during COVID-19. *Middle East Journal of Anesthesia*; (20) 171-176
48. Yamout R., Ammar W., Tabbara J., **Fares S.**, Assi M., Sibai A. (2019). Waist circumference cutoff points for predicting metabolic abnormalities in Lebanese adults. *Archives of Medical Sciences-Civilization Diseases*. 4(1), 64-71.
49. **Younan L., Clinton M.E., Fares S.**, El-Jardali F., Samaha H. (2019). The relationship between work-related musculoskeletal disorders, occupational fatigue, and work organization: a multi-hospital cross-sectional study. *Journal of Advanced Nursing*, 75(8):1667-1677. DOI: 10.1111/jan.13952
50. **Younan L., Clinton M.E., Fares S.**, Samaha H. (2019). The translation and cultural adaptation of an instrument to measure the actual scope of nursing practice. *EMHJ*, 25(3), 182-189.
51. **Younan L., Clinton M.E., Fares S.**, Samaha, H. (2019). A descriptive study of the composition and scope of nursing staff in acute care hospitals of Lebanon. *Journal of Nursing Regulation*, 9(4), 34-41. DOI: [https://doi.org/10.1016/S2155-8256\(19\)30014-6](https://doi.org/10.1016/S2155-8256(19)30014-6)
52. Zahweh, M., Skouri, H., Rachidi, S., Khoury, M., **Noureddine, S.**, Isma'eel, H. Tamim, H., Al-Hajje, A. (2020). Potentially Inappropriate Medications in Elderly Patients with Heart Failure: Beers Criteria-Based Study. *International Journal of Pharmacy Practice*, 28, 652 – 659. DOI:10.1111/ijpp.12651.
53. Zahwe, M., Isma'eel, H. Skouri, H., Al-Hajje, A., Rachidi, S., Tamim, H., **Noureddine, S\***. (2020) .Validation of the Arabic Version of the Minnesota Living with Heart Failure Questionnaire. *Heart Lung the Journal of Cardiopulmonary and Acute Care*, 49, 36-41. doi: 10.1016/j.hrtlng.2019.10.006.

### Research/Continuing Education Seminars

The HSON Research Committee (RC) organized a series of research seminars. Below is a list of seminars.

- ✓ Dr. Marco Bardus, February 20, 2019. Title: Self-directed Mobile Intervention to Promote Weight Control Among Employees of a Lebanese University (WaznApp)
- ✓ Dr. Carmen Loiselle, May 21, 2019. Title: Optimizing Patients' Experience in Oncology: Needs, Preferences, Access and Satisfaction with Cancer Care
- ✓ Dr. Mahmoud Nadar, September 30, 2019. Title: Telehealth Application in Clinical Nursing Practice: How Can It Be Used?
- ✓ Dr. Souha Ballout, December 11, 2019. Title: Disparities Research: From ideas to a research program.
- ✓ Dr. Faysal El Kak, February 17, 2020: Integrating Sexual Health in Clinical Care: Why and How?
- ✓ Dr. Samia Khoury, February 21, 2020: Mentorship in Research

- ✓ Dr. Sabina De Geest, Tuesday April 14, 2020. Title: Implementation Science: Making Research Findings more Powerful for Use in Clinical Practice

### 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)
2019	Reviewer, the Lebanese Science Journal

#### **Nour Alayan**

2020 Ongoing	Reviewer, Drug and Alcohol Dependence
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

#### **Hala Darwish**

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

2019-Ongoing Journal of the American Medical Association

**Nuhad Dumit**

2008 Ongoing Reviewer, Journal of Nursing Management  
2009 Ongoing Reviewer, Journal of Interprofessional Care  
2013 Ongoing Reviewer, BMC Nursing Journal by BioMed Central  
2014 Ongoing Reviewer, Journal of Clinical Nursing Research  
2014 Ongoing Editorial Board, Nursing Management, Royal College of Nursing  
2018 Ongoing Reviewer, European Journal of Cardiovascular Nursing  
2020 Ongoing Reviewer for the Journal of Nursing Scholarship  
2019 Ongoing Reviewer for the Nurse Education Today journal

**Laila Farhood**

2006 Ongoing Editorial Board and Reviewer, Journal of Transcultural Nursing  
2006 Ongoing Member of Editorial Board and Reviewer, Journal of Transcultural Nursing  
2007 Ongoing Reviewer, Journal of Social Science and Medicine  
2009 Ongoing Reviewer, Journal of Affective Disorders  
2010 Ongoing Reviewer, Journal of Traumatic Stress  
2010 Ongoing Reviewer, Journal of Social Psychiatry and Psychiatric Epidemiology  
2012 Ongoing Reviewer, International Journal of Mental Health Nursing  
2013 Ongoing Reviewer, Journal of Clinical Practice and Epidemiology in Mental Health  
Reviewer, Journal of Inter-professional Care  
Reviewer, Journal of Global Health online

**Souha Fares**

2019 Ongoing Editorial Board Member: The Journal of Cardiovascular Pharmacology

**Gladys Honein**

2014 Ongoing Reviewer, British Medical Journal open access  
2015 Ongoing Reviewer, International Journal of Health Policy and Management  
2015 Ongoing Reviewer, Women's Health Issues  
2015 Ongoing Reviewer, PLOS One  
2015 Ongoing Reviewer, European Journal of Cancer Care  
2015 Ongoing Reviewer, Clinico-Economics and Outcomes Research  
2017 Ongoing Reviewer, Cancer Causes & Control  
2018 Ongoing Reviewer, Journal of Nursing Scholarship  
2019 Ongoing Reviewer, Health Research Policy and Systems

**Lina Kantar**

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

**Samar Noureddine**

2019 Ongoing Reviewer, PLOS One

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

**Lina Younan**

2019 Reviewer, Journal of Nursing Management

**D. SCIENTIFIC CONTRIBUTIONS AND RESEARCH GRANT REVIEWS**

**Huda Abu-Saad Huijer**

2016 Ongoing Faculty mentoring of Dr. Rihab Nasr, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB  
 2018 Ongoing Faculty mentoring of Dr. Wassim Abi-Kheir, Department of Anatomy, Cell Biology and Physiological Sciences, Faculty of Medicine, AUB  
 2018 Ongoing PhD supervision; Rima Saad, Primary Caregivers' Knowledge, Attitudes and Beliefs toward Palliative Care for Children with Cancer in Lebanon  
 2019 Ongoing PhD Supervision; Melissa Makhoul, 'Pain resilience and pain catastrophizing among patients with chronic non-malignant arthritis pain'.

**Marina Adra**

2014 Ongoing Reviewer, Dementia; the international journal of social research and practice  
 2015 Ongoing Reviewer, International journal of older people nursing  
 2016 Ongoing Reviewer, Eastern Mediterranean journal  
 2019 Ongoing Reviewer, International Journal for qualitative Studies

**Hala Darwish**

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

**Nuhad Dumit**

2009 Ongoing Reviewer, Western Institute of Nursing conference Abstracts  
 2011 Ongoing Reviewer, "Effective Teaching and Learning in Higher Education," organized by the Center for Teaching and Learning (CTL) and IT Academic Core Processes and Systems (IT ACPS), AUB

2012 Ongoing Reviewer, ICN Congress/conference Abstracts  
2016 Ongoing Appraiser, McMaster Online Rating of Evidence (MORE), McMaster University

**Laila Farhood**

2010 Ongoing Reviewer of Medical Practice Plan and University Research Board grants, AUB (upon request)  
2013-14 Ongoing MPP/URB funding for the Intervention study “Promoting psychosocial and mental healthcare through community-based educational workshops for teachers and parents: A follow-up to mental health assessment in civilians exposed to traumatic war events in the South of Lebanon.”

**Lina Kantar**

2013 - Ongoing Center for Teaching and Learning (CTL) grant reviews, AUB

**Angala Massouh**

2017 - Ongoing International Journal of Behavioral Medicine  
2017 - Ongoing Journal of Transcultural Nursing  
2017 - Ongoing European Journal of Cardiovascular Nursing  
2017 - Ongoing Journal of Cardiovascular Nursing  
2017 - Ongoing Nutrition and Food Science  
2017 - Ongoing Clinical Nursing Research

**Samar Nouredine**

2019 Ongoing Abstract Reviewer, ICN conference  
2018 ongoing PhD supervision; Amani Bayrakdar, “Emerging Adulthood in Individuals with Type 1 Diabetes in Lebanon: A Mixed Method Study”  
2017 ongoing Abstract reviewer, EuroHeart Care conference  
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, AUB

**Houry Puzanian**

Peer reviewer as of 2020, International Journal of Older People Nursing  
Abstract Reviewer, Scientific Sessions, American Heart Association (AHA), Council on Cardiovascular and Stroke Nursing (CVSN); Category: Prevention, Education, and Disease Management).  
Reviewer/Evaluator, AHA CVSN Fellowship (FAHA) applications

## E. SCHOLARLY LECTURES

### Huda Abu-Saad Huijer

- Community Engagement and Experiential Learning. Workshop on Transforming Higher Education. EARTH University, February 4-6, Costa Rica (Invited). February, 2019.
- Expanding the role of nurses to provide patient-centered care. Regional Policy dialogue; the State of the World's Nursing Report and the State of the World's Midwifery 2020 Reports. The Power of Data in Evidence Based Decisions and Policy. Ministry of Health, UAE. May 1-2, 2019, Dubai (Keynote Speaker). April 2019.
- Nursing developments transforming health care. International Scientific Conference; Research and Education in Nursing. University of Maribor, Slovenia. June 13-15. (Keynote Speaker). June 2019.
- Transforming health care in Syria through advanced nursing education. Syrian American Medical Society (SAMS) International Conference. Forced Migration and Health Care in a Protracted Crisis. June 27-29, Berlin, Germany. (Invited Speaker). June 2019.
- Pain Management and Palliative Care: A Program of Research. University of Miami, School of Nursing and Health Studies, Oct 13-23. (Invited). October 2019.
- Pain Management and Palliative Care: A Program of Research. Koc University, School of Nursing, Istanbul, Turkey. Nov 11-5. (Invited). November 2019.
- Successful Publishing Strategies. Koc University, School of Nursing, Istanbul, Turkey. Nov 11-15. (Invited). November 2019.
- Scholarship in Nursing and Grant Writing. Koc University School of Nursing, Istanbul, Turkey. (Invited). Nov. 11-15. 2019.
- Building an International Collaborative Program of Research. Koc University, School of Nursing, Istanbul, Turkey. Nov 11-15. (Invited). November 2019.
- Transforming Healthcare through Advanced Nursing Education. International Nursing Symposium. King Saoud University Medical City, Riyadh, KSA. Dec 7-8. (Keynote Speaker). December 2019.

### Nour Alayan

- Alayan, N. Motivational Interviewing for Medical Students (Monthly), Family Medicine Rotation, AUB.

### Silva Dakessian

- Poster presentation in European Association of Palliative Care , Berlin, May 2019 titled : Palliative Care Assessment Tools for Older Adults: A Review by Silva Dakessian Sallian, Huda Abu Saad Huijer, Suzanne Dhaine, Marina Gharibian Adra
- Poster presentation in 45th Biennial Convention by Sigma Theta Tau International in Washington DC, USA, November 2019

### Hala Darwish

- Darwish, H. Cognitive Rehabilitation in Multiple Sclerosis- Invited and Chair of the symposium on Cognition in MS at the MENACTRIMS 5<sup>th</sup> Annual Pre-Congress activity Dubai. December 5<sup>th</sup>, 2019 ( Chair of session and presenter)



- Darwish, H. Traumatic Brain Injury Patient Characteristics and Outcomes in Lebanon: A Multicenter Retrospective Cohort Study. IBRO MENA/AUB conference (October, 2019) on Trauma, Stress and Neurodegeneration Molecular, Cellular & Behavioral Perspectives. Organizer of the conference, Co- Chair and Co-Organizer of event, Chair of session, and presenter. Darwish, H. Protecting Cognitive Function in Multiple Sclerosis: The role of vitamin D. 14-16 March, 2019-Invited. Abu-Dhabi Annual International Conference on Vitamin D Deficiency and Human Health- UAE
- Darwish, H., Zeinoun,P., Farran,N., Ghusn, H., Yamout, B., Khoury, SJ (2019). The First Arabic Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) ECTRIMS conference. 11-13 September (2019), Stockholm-Sweden
- Darwish, H., Zeinoun,P., Farran,N., Ghusn, H., Yamout, B., Khoury, SJ (2019). The First Arabic Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) IMSCOG conference. 06-07 June, (2019), Amsterdam, Netherlands.

#### **Nuhad Dumit**

- Fares, S., **Dumit, N.Y.**, & Richa, N. (2019). Continuing Nursing Education of Registered Nurses and Nurse Managers: Perceptions, Priorities and Barriers, presented at the ICN 2019 congress in Singapore, June 30, 2019.
- **Dumit, N.Y.**, Daouk-Oyry, L., & Bou Ali, L. (2019). Nurses' Absenteeism and Job Demands, Job Attitudes, and Personal Characteristics, presented at the ICN 2019 congress in Singapore, June 28, 2019.
- Invited as a speaker at a symposium titled "**Nursing Profession and the UN Global compacts for Migration and on Refugees**". The symposium was organized by International Centre on Nurse Migration, CGFNS International that took place at the ICN 2019 congress in Singapore June 29, 2019.
- Invited to an "Invitational, multi-stakeholder, international colloquium" titled, "NURSING. POWER. ADVOCACY. Helping Nurses Deliver: Conversations on nurses, nursing and power" co-hosted by the International Council of Nurses (ICN) and the Canadian Nurses Association (CNA) in Vancouver, Canada, June 1-2, 2019.
- Invited to the 'First Saudi Forum: Eitizaz' [Pride] to speak on "My Journey as a Nurse Leader" among 5 regional leaders in nursing and honored by the KSA minister of health, Riyadh, KSA March 17, 2019.

#### **Gladys Honein**

- Honein-AbouHaidar et al. An interdisciplinary approach to primary health care in Lebanon: strengths and shortcomings, International Council of Nurses, Singapore, June 2019

#### **Lina Kantar**

- Kantar L., Rethinking clinical teaching through the preceptor pedagogy: A qualitative study. Poster presented at the Western Institute of Nursing Conference (April, 2019). USA: San Diego, California.

- Kantar L., Teaching in the Zone of Proximal Development: A Tool for Clinical Educators. Paper accepted for podium presentation at the 46th Professional Nurse Education Group Conference (October, 2019). USA: Cleveland, Ohio.

#### **May Houry**

- Houry M., Organizer and Presenter in “Palliative and End-of-Life Care” workshop in Training and Development Center in Dubai, March 11-12, 2019.

#### **Dina Madi**

- Madi D., Translation and cultural validation of the Adolescent Pediatric Pain Tool (APPT) in Lebanese Children with Cancer. Poster presentation, ICN Congress 2019 in Singapore, June-July 2019.

#### **Angela Massouh**

- Massouh, A. The Heart Failure Program at the National and Nursing Professional Levels. *Oral Presentation* at the Clemenceau Medical Center, Beirut, Lebanon, September 2019.
- Massouh, A. Heart Failure Guidance: What Nurses Should Know. *Oral Presentation* at the Novartis Heart Failure Clinic Workshop. Metropolitan, Habtour, Beirut, Lebanon, June 2019.
- Massouh, A. Role of Nurses in Heart Failure Care. *Oral Presentation* at the Roche Heart Failure Workshop for Primary Care Physicians. Hilton, Habtour, Beirut, Lebanon, June 2019.
- Development of the first Online Webinar Course on Updates in Atrial Fibrillation Management at the American University of Beirut Medical Center, Continuing Medical Education.
- Massouh, A. MENA Capacity Building Program for Heart Failure. Seminar Director and Presenter at the Novartis Training Program, Jordan, February 2020.
- Massouh, A. MENA Capacity Building Program for Heart Failure. Seminar Director and Presenter at the Novartis Training Program, Kuwait, December 2019
- Massouh, A. MENA Capacity Building Program for Heart Failure. Seminar Director and Presenter at the Novartis Training Program, Qatar, November 2019
- Massouh, A. MENA Capacity Building Program for Heart Failure. Seminar Director and Presenter at the Novartis Training Program, Dubai, November 2019
- Massouh, A. & Skouri, H. Heart Failure Training. Course planner and speaker. Order of Nurses, Lebanon, June 2019.
- Massouh, A., & Tashjian, H. Updates in Critical Care. Course planner and speaker. American University of Beirut Regional External Programs, Dubai Sharjah, April 2019.
- Massouh, A., & Nouredine, S. Advanced Health Assessment. Course planner and speaker. American University of Beirut Regional External Programs, Dubai Sharjah, February 2019.
- Massouh, A., & Tashjian, H. Updates in Critical Care. Course planner and speaker. American University of Beirut Regional External Programs, Dubai Sharjah, January 2019.

#### **Samar Nouredine**

- **Nouredine, S.** Towards better out-of-hospital cardiopulmonary resuscitation in a challenged country. **[Invited presentation]**. The 2020 virtual Global Cardiovascular Nursing Leadership Forum

(GCNLF) meeting: the global nursing imperative by the global cardiovascular nursing leadership forum, October 16, 2020

- Liske, C., Ramsbotham, J., Strockland, K., Tutticci, N., **Noureddine, S.**, Runga S. M., Waweru, S. Global leadership: Characteristics and commitment developed through community. Presented at the 45<sup>th</sup> Sigma global nursing excellence convention of Sigma Theta Tau International: Cionnect, Collaborate, Catalyze, Washington DC, USA. November 18, 2019
- **Noureddine, S. (presenter)**, Avedissian, T., Irani, J., Khatib, N. Nurses and Cardiopulmonary Resuscitation in the Community. Poster presentation at the ICN Congress 2019, Singapore; 29 June, 2019

#### **Lina Younan**

- Lina Younan, Guest speaker on “Ethical Decision Making in the Emergency Department” at the 2nd Conference of Emergency Medicine of ND Maritime Hospital. April 2019

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

#### **A. PROFESSIONAL PRACTICE**

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

- Member, Harvard Global Equity Initiative-Lancet Commission on Global Access to Pain Control and Palliative Care (GAPPCP). Ongoing.
- Founding President, Chi Iota Chapter, Sigma Theta Tau International Honor Society in Nursing in Lebanon.
- Consultant, WHO EMRO on the Future of Nursing and Midwifery in the Eastern Mediterranean Region.
- Vice-President, National Committee on Pain Relief and Palliative Care (Appointed by Minister of Health); Chair, Research Committee.
- Past president, Lebanese Society for the Study of Pain.
- Member, UC Davis, Advancing Pain Relief Education: Anchoring Pain Competencies around the World
- Member, Advisory Board of the Order of Nurses in Lebanon.
- Member, Association of Deans and Directors of Schools of Nursing in Lebanon.
- Invited to attend the expert regional meeting organized by WHO EMRO to develop a regional roadmap for palliative care in the Eastern Mediterranean region. The meeting took place at AUB September 26-27, 2019. A number of working groups were formed. I was invited to chair the work group on human resources, which included participants from Lebanon, Morocco, Pakistan, Kuwait, Sudan, and KSA.

#### **Marina Adra**

- Initiated training sessions on Person Centered Care for nurses taking care of older residents living with dementia at Dar al Ajazah Al Islamiyyah Hospital.

**Nour Alayan**

- Behavioral health support, Provider of hypnotherapy (smoking cessation and other behaviors), Health and Wellness Center, Family Medicine Department, AUB.
- Bi-weekly Stress Management Program for Nursing Students, HSON, AUB.

**Tamar Avedissian**

- Guideline development: Identifying and managing anaphylaxis by school and day care nurses in Lebanon. In collaboration with the Order of Nurses, Order of Physicians, Lebanese Pediatric Society, Lebanese Society of Allergy & Immunology, Lebanese Society of Family Medicine and the Lebanese society of Emergency Medicine and Droguerie De L'union
- Volunteered with Quick Aid in providing wound care services for victims from the Beirut Blast

**Hala Darwish**

- Workshop for UAE Nurses: Ministry of Health, Training, and Development Center Sharjah (Training with the AUB (HSON and Regional Educational Program).
- Advanced Health Assessment- Spring 2018-2019 March 2019

**Nuhad Yazbik Dumit**

- Co-director of the Continuing Medical Education Office, FM, AUB
- Member of the International Council of Nurses (ICN) Scientific Steering Committee for the ICN Code of Ethics

**Laila Farhood**

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

**Gladys Honein**

- Session Chair, Patient education workshop, Regional Educational Program- Dubai. March 2019
- Session Chair, Introduction to qualitative research, Clinical Research Institute. American University of Beirut. January 2019

**Lina Kantar**

- Coordinator, CNE and Offshore Projects /REP
- Chair, Academic and Curriculum Committee/HSON
- Member of the HSON Admission Committee
- Sigma Theta Tau International, Chi Iota Chapter, AUB, vice president
- Chair of the taskforce on developing an Online Graduate Diploma in Nursing Education at the HSON, AUB

**Dina Madi**

- Coordinated a Training program for school nurses in Lebanon: Health Assessment of Children & Adolescents at the AUB-HSON simulation lab. in collaboration with the Order of Nurses in Lebanon. September 2019
- Training Program for Nurses in Dubai: Best Practices in Maternity Nursing offered twice over three full days at the Continuing Education Center at Sharjah, UAE. March-April 2019
- Attended the ICN Congress at Marina Bay Sands, Singapore. June 27-July1, 2019

**Angela Massouh**

- Cardiology Clinical Nurse Specialist. Joint Appointment, American University of Beirut Medical Center.
- Cardiology Nurses Committee. Order of Nurses, Lebanon.
- Appointed as the Clinical Nurse Leader for Research, Education, and Innovation at the American University of Beirut Medical Center.
- Seminar Lead and Presenter. Committee on COVID-19 Training for Critical Care Nurses at the Order of Nurses, Lebanon.
- Seminar Director and Presenter. MENA Capacity Building Program for Heart Failure. Novartis Training Program, Jordan.
- Seminar Director and Presenter. Lebanon Capacity Building Program for Heart Failure. Novartis Training Program, Order of Nurses in Lebanon.
- Seminar Director and Presenter. Online Webinar on Updates in Anticoagulation Management. American University of Beirut Medical Center, Continuing Medical Education.

**Samar Nouredine**

- Founding President, the Lebanese Society of Cardiovascular Nurses
- Presented on 'Designing and Conducting Mixed Methods Research' for faculty members at Sultan Qaboos University College of Nursing, Muscat, Oman. April 23, 2019
- External referee for faculty applications for promotion for Philadelphia University and Al Al Bayt University, Amman, Jordan: Fall of 2019
- Founder, Lebanese Cardiovascular Nursing Society, January 2019

**Lina Younan**

- Coordinated the Epic training of concerned HSON instructors, faculty, and students.
- Continue chairing the Taskforce to convert the delivery method of the current Masters in Nursing Administration and Management program into a Blended one.
- Re-Designed and delivered N404 informatics course for undergraduate students MSN Class Advisor, 2019.
- Developed two Online Training Module for Nurses Working in Primary Health Care Centers in Lebanon.

## **B. SERVICE**

### **HSOON STANDING COMMITTEES**

#### **Advisory and Search Committee:**

1. Dr. Laila Farhood (Chair)
2. Dr. Samar Nouredine
3. Dr. Nuhad Dumit
4. Dr. Hala Darwish

#### **Administrative Committee:**

1. Dr. Laila Farhood (Chair)
2. Dr. Nuhad Dumit
3. Dr. Samar Nouredine

#### **Graduate Studies Committee:**

1. Dr. Hala Darwish (Chair)
2. Dr. Nuhad Dumit
3. Dr. Gladys Honein
4. Dr. Houry Puzantian
5. Dr. Lina Younan (Appointed)
6. Dr. Soha Fares (Appointed)
7. Dr. Samar Nouredine (ex-officio and representative on the Board of Graduate Studies)

#### **Graduate Studies Departmental Assessment Committee:**

1. Dr. Lina Younan (Chair)
2. Mrs. Mary Arevian
3. Dr. Souha Fares
4. Dr. Samar Nouredine (ex-officio)

#### **Undergraduate Curriculum & Undergraduate Student Academic Affairs Committee:**

1. Dr. Lina Kantar (chair)
2. Mrs. Mary Arevian
3. Dr. Nour Alayan
4. Dr. Suzanne Dhaini
5. Mrs. Hera Tashjian
6. Dr. Dina Madi (Appointed)
7. Dr. Ghada Assaf (Appointed)
8. Dr. Angela Massouh (Appointed)
9. Dr. Nuhad Dumit (Ex-Officio)
10. Dr. Hala Darwish (Representative on the University Academic Development Committee)

#### **Undergraduate Admissions and Financial Aid Committee:**

1. Dr. Dina Madi (Chair)
2. Mrs. May Khoury

3. Mrs. Danielle Damianos
4. Dr. Ghada Assaf
5. Dr. Marina Adra (Appointed)
6. Dr. Lina Kantar (Representative on the University Admissions Committee)

**Undergraduate Studies Departmental Assessment Committee:**

1. Dr. Angela Massouh (Chair)
2. Dr. Marina Adra
3. Dr. Dina Madi
4. Dr. Nuhad Dumit (ex-officio)

**Research Committee:**

1. Dr. Samar Nouredine (Chair)
2. Dr. Angela Massouh
3. Dr. Suzanne Dhaini
4. Dr. Houry Puzantian
5. Dr. Nour Alayan (Appointed)
6. Dr. Ghada Assaf (Appointed)
7. Dr. Hala Darwish (Representative on the University Research Board)
8. Dr. Lina Badr (Representative of AUBMC Nursing Services)

**Student Affairs Committee:**

1. Dr. Marina Adra (Chair) and representative on senate Student Affairs Committee
2. Dr. Nour Alayan, class advisor BSN II and Nursing Student Society (NSS) advisor
3. Dr. Ghada Assaf, class advisor BSN III
4. Mrs. May Khoury, class advisor BSN IV
5. Dr. Lina Younan, Graduate Student Advisor

**HSON Catalogue Committee**

1. Dr. Samar Nouredine; Convener of the Graduate Division
2. Dr. Nuhad Dumit; Convener of the Undergraduate Division

**HSON Newsletter Committee**

1. Dr. Angela Massouh (Chair)
2. Dr. Gladys Honein
3. Dr. Marina Adra
4. Mrs. Talin Gulgulian
5. Mrs. Lynn Berbary Najem
6. Ms. Nisrine Ghalayini

**HSON Social Committee:**

1. Ms. Randa Farha (Chair)
2. Mrs. May Khoury
3. Mrs. Lynn Berbary

4. Mrs. Silva Dakessian
5. Mrs. Danielle Damianos
6. Mrs. Talin Gulgulian

**HSON Representatives on Senate Committees:**

1. Senate: Dr. Laila Farhood and Dr. Nuhad Dumit
2. University Admissions Committee : Dr. Lina Kantar
3. Board of Graduate Studies : Dr. Samar Nouredine
4. University Disciplinary Committee : Dr. Dina Madi
5. Library Committee : Dr. Souha Fares
6. University Publications Committee: Dr. Gladys Honein
7. University Research Board : Dr. Hala Darwish
8. University Committee on Student Affairs : Dr. Marina Adra
9. Academic Development Committee : Dr. Hala Darwish
10. Senate Steering Committee : Dr. Nuhad Dumit
11. Senate Committee on Faculty Affairs : to be elected by senate when senate by-laws are changed allowing two representatives from HSON to serve on senate

**Representatives on University ad hoc Committees**

1. Tenure and promotion Task Force: Dr. Laila Farhood
2. Task Force on Faculty workload: Dr. Samar Nouredine

**Representative on FM Research Committee:** Dr. Houry Puzantian (Appointed)

**Representative on the University Assessment Committee:** Dr. Souha Fares

**Representative on the University Promotion and Tenure Committee (UPTC):** Dr. Samar Nouredine

**Representative on the Selection Committee for the Master Card Foundation (MCF) scholars:** Dr. Lina Younan

**OTHER AUB COMMITTEES**

**Huda Abu-Saad Huijer until September 2019**

AUB Budget Committee, member

AUB Senate, member

AUB Strategic Planning Steering Committee, member

AUBMC Palliative Care Committee, member

Board of Deans

Expanded Advisory Committees, appointed member

REP Advisory Board, member

SHARP, member of the Executive Board

Strategic Health Initiative, member of Steering Committee

**Nour Alayan**

HSON Representative, AUB Makerspace Cross-Campus Network Project



**Marina Adra**

AUBMC NS/HSOJ Joint Committee, member  
Faculty United AUB, member  
General Education Requirement Board, member  
University Student Affairs Committee, HSON representative  
Steering Committee on Student Complaints, HSON representative  
University Ethics Committee, HSON representative

**Tamar Avedissian**

Nurses' Chapter of the AUB Alumni Association, member elected

**Michael Clinton**

Seconded full-time to the Social and Behavioral Institutional Review Board with effect from 1 May, 2019.

**Nuhad Dumit**

AUB Senate, elected member  
Chair of the senate steering Committee  
Ad hoc Senate Committee on Department Chairs at AUB, member  
Committee on the Lives and Careers of Women at AUB, member  
Core Mandatory Elective and Capstone Courses Task Force, AUB Core Curriculum, member  
Evidence-Based Healthcare Management Unit (EHMU), Executive Board member  
Regional External Program Steering Committee, member

**Souha Fares**

AI, Computational and Data Sciences

**Gladys Honein**

Equity & Title IX Working Group, member  
Graduate Studies Committee, HSON representative  
University Publications Committee, Senate Committee, member

**Lina Kantar**

President of the Nurses' Chapter/AUB  
University Admission Council (Senate) – member

**May Khoury**

AUBMC NS/HSOJ Joint Committee, chair

**Angela Massouh**

Research Committee, Member.  
Undergraduate Research Volunteer Program, Member.  
Nurses Alumni Chapter, American University of Beirut, Member.  
Sigma Theta Tau International, Chi Iota Chapter, President.

HSON Coordinator, Undergraduate Research Volunteer Program at the Provost Office; AUB.

**Samar Nouredine**

Council of Associate Deans, AUB, member  
AUB University Research Board, member  
Board of Graduate Studies of AUB, member, since September 2017  
Faculty Workload policy, member, since October 2017  
Steering Committee, Accreditation Task Force of AUB, member, since January 2017  
Student Complaints Task Force at AUB, member, since September 2017  
Vascular Medicine Program Council, AUBMC, member, since October 2017  
Working Group VII, Accreditation Task Force of AUB, co-chair, since January 2017

**Houry Puzanian**

Taskforce on Laboratory Equipment, AUB, member  
Faculty Judge, Post-doctoral/research fellow proposal presentations, Clinical Research Institute (CRI), AUB  
Faculty, Journal Club, Research Personnel Program, CRI, AUB  
Faculty Workload Taskforce, HSON, member  
Graduate Assessment Committee, HSON, Member  
Research Committee, HSON, Member  
Graduate Studies Committee, HSON, Member

**Lina Younan**

The Master Card Foundation (MCF) selection committee, HSON Representative

**NATIONAL AND INTERNATIONAL COMMITTEES**

**Huda Abu-Saad Huijer**

American Academy of Nursing, international fellow  
European Academy of Nursing Science (EANS), fellow and founding member  
IASP Insight eNewsletter, Advisory Board member  
International Association for the Study of Pain (IASP), member  
Lebanese Society for the Study of Pain (LSSP), past president  
National Committee on Pain Relief and Palliative Care and Chair Research Committee, vice president  
Order of Nurses in Lebanon, Advisory Board member  
Sigma Theta Tau International Chi Iota Chapter, AUB, founding president  
Special Interest Group on Pain in Children (IASP), founding member  
Sigma Theta Tau International (STTI), Global Advisory Panel on the Future of Nursing & Midwifery (GAPHON), Board Member  
Saint George University of Beirut (SGUB), Member of the Board of Trustees

**Marina Adra**

Center for Studies in Aging in Lebanon, member  
Sigma Theta Tau International, Chi Iota Chapter, AUB, member  
British Geriatrics Society (BGS), Member  
Academy of Medical-Surgical Nurses, Member

**Nour Alayan**

Lebanese Order of Nurses, member  
Nurses Alumni Chapter, AUB, member  
Sigma Theta Tau International, Chi Iota Chapter, Leadership Succession Committee, member  
Sigma Theta Tau International, Middle East Global Regional Council, member  
Society of Addiction Psychologists (APA Division 50), member  
The International Nurses Society on Addictions (IntNSA), member

**Mary Arevian**

Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, member  
Armenian Relief Cross in Lebanon (ARCL) Advisory Board, of the Araxi Boulghourdgian Socio-medical Health Center, secretary  
Armenian Relief Cross in Lebanon (ARCL) Relations and Welfare Committee of the Regional Executive Committee, chair  
Armenian Relief Cross in Lebanon (ARCL) Health Committee of the Regional Executive Committee, chair  
Sigma Theta Tau International Honor Society of Nursing, Lambda Pi Chapter, member  
Sigma Theta Tau, International Honor Society of Nursing, Chi Iota Chapter, former board president, 2015-16

**Tamar Avedissian**

Admission and Recruitment Committee, member  
Order of Nurses in Lebanon, Administrative Committee, member  
Sigma Theta Tau International, Chi Iota Chapter AUB, Leadership succession committee, member  
American Public Health Association (APHA), member

**Hala Darwish**

International MS Cognition Society, member  
American Academy of Nursing, fellow  
American Congress of Rehabilitation Medicine, member  
International Organization of MS nurses, member  
Order of Nurses in Lebanon, member  
Society for Neuroscience, member

**Nuhad Dumit**

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

**Laila Farhood**

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

**Gladys Honein**

Order of Nurses in Lebanon scientific committee  
College of Nurses of Ontario, non-practicing member

**May Khoury**

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

**Angela Massouh**

Sigma Theta Tau International, Chi Iota Chapter, Current President.  
American Association of Critical Care Nurses, Member.  
Association of Cardiovascular Nursing and Allied Professions of the European Society of Cardiology, Member.  
Young Community (YoCo) at the Association of Cardiovascular Nursing and Allied Professions, European Society of Cardiology, Lebanon Ambassador.  
Heart Failure Association at the European Society of Cardiology, Member.  
Heart Failure Specialists of Tomorrow at the European Society of Cardiology, Nucleus Committee Member.  
National Association of Clinical Nurse Specialists, Member.  
The Global Heart Hub representing Lebanon and leading yearly National Heart Failure campaigns, Member.

**Samar Noureddine**

American Academy of Nursing, international fellow, since October 2015  
American Heart Association, member and international fellow since 2011  
Council on Cardiovascular Nursing and Allied Health of the European Society of Cardiology, member, since 2005  
Global Cardiovascular Nursing Leadership Forum, member, since 2014  
RhO Chapter (University of Michigan School of Nursing) and Chi Iota Chapter (Hariri School of Nursing, AUB), Sigma Theta Tau International, member

**Houry Puzanian**

Scientific Planning Committee, The Association of American Medical Colleges (AAMC) Visiting Student Learning Opportunities (VSLO) Program and Weill Cornell Medicine-Qatar (WCM-Q) - webinar series on

transformation of healthcare education during COVID-19: COVID-19 Healthcare Education Series: A Global Perspective, invited member  
Nominating Committee, CVSNA, AHA, member

**Lina Younan**

Disciplinary Board of the Order of Nurses in Lebanon, member (2015-2019).  
Order of Nurses in Lebanon, member  
Sigma Theta Tau International, Chi Iota Chapter, AUB, member  
Member in Students Affairs Committee at HSON (representing Graduate Division)  
Continue chairing the Graduate Studies Departmental Assessment committee at HSON.

**VI. LOOKING AHEAD**

**New Academic Programs:** HSON plans to expand its current undergraduate and graduate academic programs and continue to contribute to the development of healthcare in Lebanon and the region.

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

**Other Developments:**

- New strategies in Student recruitment will be developed. HSON continues to award merit scholarships and coordinate with the Financial Aid and the Office of Development to provide additional support in the absence of student loans.
- More emphasis will continue to be placed on graduate recruitment at the national, regional, and international levels in close collaboration with the AUB Graduate Council.
- Increasing the number of scholarships remains a major priority for HSON and is critical to the success of current and new programs. The establishment of more endowed funds remains a strategic goal for HSON.