



American University of Beirut  
Rafic Hariri School of Nursing

# Annual Report 2012

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



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Rafic Hariri School of Nursing

# Annual Report 2012

## Preface

2012 has been an incredible year of growth for the Rafic Hariri School of Nursing (HSON) with great achievements in education, research, and service.

The baccalaureate and master's programs at the American University of Beirut – Rafic Hariri School of Nursing were accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington DC 20036, (202)887-6791 for a period of 10 years, extending to December 31, 2022. HSON remains the first and only school of nursing outside the United States to be accredited by CCNE. HSON also remains actively involved with the American Association of Colleges of Nursing (AACN) in the United States and is the only school of nursing outside the United States that enjoys a regular AACN membership status.

In 2012, HSON attracted new talented faculty and instituted new merit scholarships for students in good academic standing. We have also been instrumental in creating new joint appointments with the Faculty of Medicine (FM) and AUBMC Nursing Services and in working together to develop career paths for talented clinicians and researchers. We have also been actively involved in the interprofessional education (IPE) efforts; an initiative which started two years ago following the publication of the Lancet Report and its launching at AUB, which was a collaborative effort between FM, HSON, and the Faculty of Health Sciences. IPE has become an important strategic initiative for the three participating disciplines.

Our current academic programs continue to be revitalized and aligned with international standards and new developments. We will be embarking on a number of new initiatives such the BA/BS-BSN second degree program, the MSN/MPH, MSN/MBA dual graduate degrees, and are considering introducing an interdisciplinary PhD. HSON will continue to be committed to excellence in nursing education and to remaining the leader in nursing education, research, and service in this part of the world.

We are proud of our achievements this past year, which we have detailed in this annual report. We hope you will find it interesting and helpful.

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

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## 1. Organization of the School of Nursing

## Faculty and Staff

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### Director of the School of Nursing from January, 2003

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

### Faculty Members

Christine Abbyad, RN, PhD, Clinical Assistant Professor; Undergraduate Division Convener

Rana Abdel Malak, RN, MPH, Clinical Instructor

Lina Abi Fakhr Kantar, RN, EdD, Assistant Professor

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

Nour Alayan, RN, MSN, Clinical Instructor

Mary Arevian, RN, MPH, Clinical Associate Professor

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

Hala Darwish, RN, PhD, Assistant Professor

Nuhad Dumit, RN, MA, PhD, Assistant Professor, CE/Offshore Program Coordinator

Laila Farhood, RN, PhD, CS, Professor and Clinical Associate, Psychiatry

Department, Faculty of Medicine; MSN Convener

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

Dina Madi, RN, TD, MA Education, PhD, Clinical Instructor BA/BS-BSN Coordinator

Angela Massouh, RN, MSN, Clinical Instructor

Samar Noureddine, RN, PhD, FAHA, Associate Professor; Assistant Director for

Academic Affairs

Hera Tashjian, RN, MSN, CCNS, Clinical Instructor, effective September 2012

Lina Younan, RN, MSN, DNP, Clinical Assistant Professor, effective September 2012

### Visiting Faculty

Patricia Davidson, RN, PhD, Professor, Curtin University of Technology, Sydney, Australia

Hani Dimassi, PhD, Assistant Professor, Lebanese American University, Lebanon

Nader Nassif, PhD, MPH

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

Elizabeth Tanner, PhD, RN, FNGNA, Associate Professor, Johns Hopkins University, USA

Lina Younan, RN, MSN, DNP, Nursing Director, Labib Medical Center, Lebanon, until September 2012

### Adjunct Faculty (Continuing)

Patricia Abbott, RN, PhD, Associate Professor and Co-Director, PAHO/WHO Collaborating Center for Nursing Knowledge, Information Management and Sharing (KIMS), Johns Hopkins University School of Nursing, USA

Cheryl Dennison, RN, ANP, PhD, FAHA, Associate Professor, Johns Hopkins University School of Nursing, USA

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

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

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

Jane Shivnan, MSN, RN, AOCN, Executive Director, The Institute for Johns Hopkins Nursing, USA

Hussein Tahan, DNSc, RN, CAN, Director of Nursing Research and Education, New York-Presbyterian Hospital (NYP), New York, USA

### Academic Associates

Gladys Mouro, RN, BSN, MSN, PhD (H), International consultant

Mona Nasrallah, MD, Assistant Professor, American University of Beirut Medical Center

Anthony Shamoun, MSN-RN, ACNP, Critical Care Nurse Specialist, American University of Beirut Medical Center

Wafa Maalouf, Nursing Director, St. George Hospital

Hera Tashjian, RN, MSN, CCNS, Critical Care Clinical Nurse Specialist, until September 2012

Salah Zein El-Dine, MD, Assistant Professor, Director Pulmonary Physiology Laboratory, Director Graduate Medical Education, American University of Beirut Medical Center

## Joint Appointments:

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

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

Nuhad Dumit with FM/AUBMC as Co-Director for Continuing Medical Education (CME) Office

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

## Research Assistants

Reem Akika, MS Molecular Immunology

Leila El-Alti, RN

Sareen Hagopian, MA Psychology (part-time)

Knar Sagherian, RN, MSN

Nicole Strauss, BA Psychology

## Clinical Preceptors

Lara Abou Kassem, RN, MBA

Farah Alwan, RN, MSN

Rola Awwad, RN, MPH

Nathalie Badaro, RN, MSN

Hisham Bawadi RN, MSN

Rachelle Bejjani, RN

Lamia Eid, RN, MSN

Taline Gulgulian, RN, MSN

Madeleine El-Hajj, RN, MSN

Mohammad Issa, RN

Bachir Itani, RN

Mariam Kayle, RN, MSN, CNS

Suzy Khalife, RN, MSN

Ghina El-Khatib, RN, MPH

Nina El-Khatib, RN, MSN

Nisreen Kumberji, RN, MSN

Hanadi Massalkhi, RN, MSN

Lara Neaimeh, RN, MBA

Reine Nicodeme, RN

Maya Nizam, RN, MSN

Hala Richa, RN, MSN

Anthony Shamoun, RN, MSN, CNS

Hera Tashjian, RN, MSN, CCNS; until September 2012

Rafica Zaatari, RN, MSN

## Graduate Assistants

Hana'a Abdul Salam

Rayan Al-Dabbah

Mohammad Baydoun

Mahmoud Ghouzail

Abbas Hamieh

Manal Hamze

Dana Kassem

Nelly Kerkolian

Houry Nazaretian

Myrna Saadeh

Wafaa Skaff

Sara Tbaily

Hasmig Tchapanian

Serpouhi Touriguian

Diana Wehbe

Ammar Zahreddine

## Administrative Staff

Ghassan Afram, Executive Officer

Zeina Battikha Chamoun, Administrative Assistant

Lynn Barbary Najem, Student Services, Recruitment and Career Planning Officer

Rabih Daher, Junior Clerk

Randa Farha, Skills and Simulation Lab Coordinator

Fares Mhanna, IT Field Support Technician  
Ilham Rustom, Secretary  
Jeanette Zeinati, Secretary

## II. Faculty Activities



## A. Teaching Assignments 2012

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### Christine Weir Abbyad

Spring.....NURS 306A - Nursing Care of Children, Theory, 1 cr., Co-coordinator  
 NURS 306B - Nursing Care of Children, Practicum, 2 cr.  
 NURS 306B - Nursing Care of Children, Simulation, 1 cr.

Summer.....NURS 529D - Smoking Cessation as Behavior Modification, Theory, 1 cr., Coordinator

Fall.....NURS 200 - Introduction to Nursing, Theory, 2 cr., Coordinator  
 NURS 304A - Nursing Care of the Expectant Family, Theory, 1 cr., Coordinator  
 NURS 304B - Nursing Care of the Expectant Family, 1.5 cr., Clinical coordinator

### Rana Abdel Malak

Spring.....NURS 410A - Leadership and Management in Nursing, Theory, 1 cr., Co-coordinator  
 NURS 410B - Leadership and Management, Practicum, 3 cr.  
 NURS 411 - Intensive Practicum in Area of interest, Practicum, 3 cr.

Summer.....NURS 307 - Practicum I, 1 cr.

Fall.....NURS 304B - Nursing Care of the Expectant Family, Practicum (2 sections), 4 cr.  
 NURS 404 - Nursing Informatics, Theory, 2 cr., Coordinator

### Lina Abi Fakhr Kantar

Spring.....NURS 201A - Introduction to Nursing Practice, Theory, 1 cr., Coordinator  
 NURS 201B - Introduction to Nursing Practice, Practicum, 1 cr.  
 NURS 201B - Introduction to Nursing Practice, 0.5 cr., Clinical coordinator  
 NURS 509 - Role Development in Nursing Education, Theory, 1.5 cr., Co-coordinator

Summer.....Practicum I, 1 cr., Co-coordinator

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

### Marina Adra

Spring.....NURS 302A - Nursing Care of Adults II, Theory, 1 cr., Coordinator  
 NURS 302B - Nursing Care of Adults II, 1 cr., Clinical coordinator  
 NURS 302B - Nursing Care of Adults II, Practicum, 2 cr.  
 NURS 302B - Nursing Care of Adults II, Simulation, 1 cr.

Summer .....NURS 210 - Pathophysiology, Theory, 1 cr., Coordinator

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

### Nour Alayan

Spring.....NURS 201B - Introduction to Nursing Practice, Practicum, 1 cr.  
 NURS 202B - Health Assessment Course, Practicum, 1 cr.  
 NURS 302B - Medical Surgical Nursing II, Practicum, (2 sections), 4 cr.  
 NURS 302B - Medical Surgical Nursing II, Simulation, 1 cr.

Summer .....NURS 307 - Practicum I, 1 cr.

Fall.....NURS 300B - Nursing Care of Adults I, Practicum, (2 sections), 4 cr.  
 NURS 300B - Nursing Care of Adults I, Simulation, 1 cr.

### Mary Arevian

Spring.....NURS 408A - Community Health Nursing, Theory, 3 cr., Coordinator  
 NURS 408B - Community Health Nursing, Practicum, 3 cr.  
 NURS 522A - Principles and Practice of Community Health Nursing, Theory, 2 cr., Coordinator  
 NURS 522B - Principles and Practice of Community Health Nursing, 1 cr., Coordinator

Summer.....NURS 529B - Health Promotion, Theory, 1 cr.

Fall.....NURS 408A - Community Health Nursing, Theory, 2 cr., Coordinator  
 NURS 408B - Community Health Nursing, Practicum, 3 cr.

### Michael Clinton

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

Summer.....NURS 525 - Transformational Leadership for Nursing Practice, Theory, 2 cr., Coordinator  
 NURS 598 - Project  
 Fall.....NURS 500 - Nursing Theory, Theory, 2 cr., Coordinator  
 NURS 507 - Role Development in Nursing Administration, Theory, 3 cr., Coordinator  
 NURS 598 - Project

#### Hala Darwish

Spring.....NURS 502 - Advanced Nursing Research, Theory, 4 cr., Coordinator  
 NURS 598 - Project  
 NURS 599 - Thesis  
 Summer.....NURS 529A - The Neurobiology of Learning and Memory; Rethinking Patient Education, Theory, 1 cr., Coordinator  
 Fall.....NURS 400A - Critical Care Nursing, Theory, 1 cr., Coordinator  
 NURS 406 - Nursing Research, Theory, 3 cr., Coordinator  
 NURS 504 - Advanced Pathophysiology, Theory, 1 cr.

#### Nuhad Dumit

Spring.....NURS 410A - Leadership and Management in Nursing, Theory, 1 cr., Coordinator  
 NURS 509 - Role Development in Nursing Education, Theory, 1.5 cr., Coordinator  
 NURS 598 - Project  
 Summer.....NURS 508 - Advanced Practice in Nursing Administration, 4 cr.  
 Fall.....NURS 527 - Developing Health Services Programs, Theory, 3 cr., Coordinator  
 NURS 520 - Managing Quality with Teams, 1.5 cr., Coordinator  
 NURS 598 - Project

#### Laila F. Farhood

Spring.....NURS 512A - Advanced Psychiatric and Mental Health Assessment, Theory, 1 cr., Coordinator  
 NURS 512B - Advanced Psychiatric and Mental Health Assessment, Practicum, 1 cr., Coordinator

NURS 516 - Psychopathology and Human Behavior, Theory, 3 cr., Coordinator  
 NURS 518A - Group and Family Psychotherapy, Theory, 1 cr., Coordinator  
 NURS 518B - Group and Family Psychotherapy, Practicum, 2 cr., Coordinator  
 Summer.....NURS 519 - Clinical Residency in Acute Psychiatric Care, 4 cr.  
 NURS 598 - Project  
 Fall.....NURS 402A - Mental Health and Psychiatric Nursing, Theory, 1.5 cr., Coordinator  
 NURS 501 - Foundations of Advanced Nursing Practice, Theory, 3 cr., Coordinator  
 NURS 517A - Models of Treatment-Psychotherapy, Theory, 1 cr., Coordinator  
 NURS 517B - Models of Treatment-Psychotherapy, Practicum, 2 cr., Coordinator  
 NURS 519 - Clinical Residency in Acute Psychiatric Care, 4 cr., Coordinator  
 NURS 598 - Project

#### Huda Abu-Saad Huijjer

Spring.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator  
 NURS 598 - Project  
 NURS 599 - Thesis  
 Summer.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator  
 NURS 598 - Project  
 NURS 599 - Thesis  
 Fall.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator  
 NURS 598 - Project  
 NURS 599 - Thesis

**May Houry**

Spring .....NURS 306A - Nursing Care of Children, Theory, 1 cr., Coordinator  
 NURS 306B - Nursing Care of Children, Practicum, 2 cr.  
 NURS 306B - Nursing Care of Children, 1 cr., Clinical Coordinator  
 NURS 306B - Nursing Care of Children, Simulation, 1 cr.

Summer.....Practicum, 1 cr., Coordinator

Fall.....NURS 304A - Nursing Care of the Expectant Family, Theory, 0.5 cr.,  
 Co-coordinator  
 NURS 304B - Nursing Care of the Expectant Family, 1 cr., Simulation  
 NURS 304B - Nursing Care of the Expectant Family, Practicum  
 (2 sections), 4 cr.

**Dina Madi**

Spring.....NURS 202A - Health Assessment Course, Theory, 1 cr., Coordinator  
 NURS 202B - Health Assessment Course, Practicum, 1 cr.  
 NURS 202B - Health Assessment Course, 1 cr., Clinical Coordinator  
 NURS 306B - Nursing Care of Children, Practicum, 2 cr.

Summer.....Practicum, 1 cr.

Fall.....NURS 304A - Nursing Care of the Expectant Family, Theory, 0.5 cr.,  
 Co-coordinator  
 NURS 304B - Nursing Care of the Expectant Family, Practicum  
 (2 sections), 4 cr.

**Angela Massouh**

Spring.....NURS 302B - Medical Surgical Nursing II, Practicum, 2 cr.  
 NURS 410A- Leadership and Management, Theory, 1 cr., Co-coordinator  
 NURS 410B - Leadership and Management, Practicum, 3 cr.  
 NURS 410B - Leadership and Management, 1.5 cr., Clinical Coordinator

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

Fall.....NURS 400A - Critical Care Nursing Practicum, Theory, 0.5 cr.,  
 Co-coordinator  
 NURS 400B - Critical Care Nursing, Practicum, 2 cr.  
 NURS 400B - Critical Care Nursing, 1 cr., Clinical Coordinator

**Samar Nouredine**

Spring.....NURS 505A - Advanced Practice in Adult Care I, Theory, 2 cr.,  
 Coordinator  
 NURS 505B - Advanced Practice in Adult Care I, Clinical, 2 cr.,  
 Coordinator  
 NURS 506 - Advanced Practice in Adult Care II, Practicum, 4 Cr.,  
 Coordinator  
 NURS 598 - Project  
 NURS 599A -Thesis

Summer.....NURS 506 - Advanced Practice in Adult Care II, Practicum, 4 Cr.,  
 Coordinator  
 NURS 598 - Project

Fall.....NURS 503A - Advanced Health Assessment, Theory, 2 cr., Coordinator  
 NURS 503B - Advanced Health Assessment, Clinical, 1 cr., Coordinator  
 NURS 504 - Advanced Pathophysiology, Theory, 2 cr., Coordinator  
 NURS 506 - Advanced Practice in Adult Care II, Theory, 4 cr.,  
 Coordinator  
 NURS 598 - Project  
 NURS 599B - Thesis

**Hera Tashjian**

Fall.....NURS 300B - Medical Surgical Nursing, Practicum, 2 cr.  
 NURS 400A - Critical Care Nursing Practicum, Theory, 0.5 cr.,  
 Co-coordinator  
 NURS 400B - Critical Care Nursing, Practicum, 2 cr.

**Lina Younan**

Fall.....NURS 200 - Introduction to Nursing, Theory, 2 cr., Coordinator  
 NURS 508 - Advanced Practice in Nursing Administration, Practicum,  
 2 cr., Coordinator  
 NURS 520 - Managing Quality with Teams, Theory, 1.5 cr.,  
 Co-coordinator

## B. Summer Nursing Institute / Special Topics Courses

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

### The Neurobiology of Learning and Memory; Rethinking Patient Education!

June 18 – 22

Description: Through a combination of lectures and discussions, this course explores the anatomical basis of learning and memory from a behavioral and neural perspective. It also examines the effect of stress on the brain and consequently on learning and memory and its implications on patient education.

Hala Darwish, RN, PhD

Assistant Professor, School of Nursing, AUB

### Randomized controlled trials to improve patient outcomes

June 25 – 29

Description: Health care professionals are increasingly accountable for the efficacy and effectiveness of clinical interventions. This interactive workshop discusses the importance of the randomized controlled clinical trial for developing evidence for practice and identifies issues in design, implementation, management, and reporting. Issues in complex clinical interventions and measure of effectiveness are also presented.

Patricia M. Davidson RN, PhD

Professor, Curtin University of Technology, Sydney, Australia

### Smoking Cessation

July 2 – 6

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

Christine Weir Abbyad, PhD, RN, WHNP

Clinical Assistant Professor, School of Nursing, AUB

### Simulation as a Teaching/Learning Strategy

July 9 – 13

Description: Learning clinical and critical thinking skills requires a foundation that includes practice. In today's complex care environment, with increasing emphasis on avoiding clinical error, simulation strategies may provide a rich laboratory to practice well ahead of interaction with patients in the clinical setting. This course reviews teaching practices and the research required to confirm the best practice in this emerging pedagogy.

Judith Lambton, EdD, MSN, RN

Professor, University of San Francisco California, USA

### Health Promotion

July 16 – 20

Description: This course describes theories and concepts of health, health promotion, and illness prevention as they apply to individuals, families, groups or aggregates and communities, across the lifespan.

Students are encouraged to integrate and apply these concepts in their specialty setting- be it hospital, clinic, home, community agencies or populations in the community- to promote health and prevent illness.

Mary Arevian, RN, MPH

Clinical Associate Professor, School of Nursing, AUB

## Budgeting in Nursing

July 23 – 27

Description: This course focuses on practical applications of concepts in nursing budgeting and finance. Emphasis is placed on development of nursing budgets for a patient care unit and for a department/division. Key concepts relevant to nursing are defined including staffing, nursing care hours, hours per patient day, patient acuity, direct and indirect hours of care, productive and unproductive time. In addition, tools for calculating and evaluating budgets as well as strategies for maintaining a balanced budget are also discussed.

Lina Younan, RN, MSN, DNP

Nursing Director, Labib Medical Center, Lebanon

## Introduction to Program Evaluation for Health and Human Services

July 30 – August 3

Description: Evaluation is an essential component to any health and human service intervention. In this course, different types of evaluations are discussed and described to enable practitioners in the field to be involved in evaluations. The course focuses on how to develop evaluation questions so that evaluative work will be conducted in a manner that is most beneficial to the organization or the project and the data most reasonably describes the project. No prior knowledge of statistics or research methods is required.

Nader Nassif, PhD, MPH

## C. Faculty Recruitment/Appointments:

### Recruitment:

HSON advertised for faculty positions and for the Hariri Endowed Chair in Research at the American Academy of Nursing (AAN), The Chronicle of Higher Education, Sigma Theta Tau Nursing International (STTI), American Association of Colleges of Nursing (AACN), and Royal College of Nursing (RCN). Recruitment information was also mailed to leading schools of nursing, professional organizations, and mailing lists in the United States and Europe.

### Appointments:

- Rana Abdel Malak, Clinical Instructor, effective February 2012
- Nour Alayan, Clinical Instructor, effective February 2012
- Hera Tashjian, Clinical Instructor, effective September 2012
- Lina Younan, Clinical Assistant Professor, effective September 2012



### III. Educational Activities

## A. Educational Programs

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### BSN

- All courses and clinical are evaluated both mid-semester and end of the semesters.
- The instituting of reduced credits per course has been favorably evaluated by students. The practicum added and given for the first time during the summer session was overwhelmingly evaluated by the students as a valuable experience. The addition of simulation lab experiences to prepare students for clinical has also been enthusiastically received and positively evaluated by students.
- Changes made in the BSN curriculum were as follows:
  - NURS 300 (Nursing Care of Adults I, Theory and Practicum) moved to a blended format combined with case based studies
  - NURS 304 (Nursing Care of the Expectant Family, Theory and Practicum) continued to use team-based learning and started using all computerized testing. Simulation was incorporated into pre-clinical skills training and post-clinical scenarios.
  - NURS 302 (Nursing Care of Adults II, Theory and Practicum) used pre-clinical skills training and scenarios to prepare students.
  - NURS 402 (Mental Health and Psychiatric Nursing, Theory and Practicum) and NURS 408 (Community Health Nursing, Theory and Practicum) were taught in block form in the fall semester.
  - NURS 404 was redesigned and included application in the community setting.
  - NURS 307 clinical practicum (Practicum I) (0 credits) was added during the summer of the junior year.
  - Psych 201 changed its designation to Psych 202 and Psych 229 became Psych 210.
  - Use of the simulation lab to improve critical thinking of students and prepare them for clinical placements was expanded in several courses.
  - Beginning plans were undertaken to include inter-professional teaching/learning in the senior year in Leadership and Management.

### MSN

Four tracks continue to be offered namely Adult Care, Nursing Administration, Psychiatry and Mental Health Nursing, and Community and Public Health Nursing.

1. The new MSN Pediatric Nursing track was developed but was not launched due to the small number of applicants.
2. The curriculum of the Nursing Administration track was revised and implemented effective fall 2012 semester.
3. The psychiatry Mental Health track was revised and two courses were added namely: Advanced Health Assessment 503A and Advanced Pathophysiology 504 to meet CCNE requirements. Students in the psychiatry track are presently taking these courses.
4. A number of students continue to do residencies abroad namely in Qatar (Hamad Health Care Hospital), Johns Hopkins University School of Nursing and Hospitals, University of Michigan, University of Maryland, and University College, Dublin.

Four tracks continue to be offered namely Adult Care, Nursing Administration, Psychiatry and Mental Health Nursing, and Community and Public Health Nursing.

### MSN STUDENT ACTIVITIES

1. A total of 6 students graduated June 2012, including one who did a thesis.
2. A total of 19 students are currently enrolled.
3. A total of 4 adult care students did their residencies at Johns Hopkins and one at AUBMC.
4. NURS 504 (advanced pathophysiology) is being offered in a blended format (80 percent in class and 20 percent on-line) this year for the first time.

### ADMINISTRATION TRACK

1. A total of 23 students are currently enrolled in the administration track.
2. Five students graduated from the administration track in June 2012, including two who met all course requirements in February. Another five students are in the process of writing up their project reports.
3. One student undertook a residency at the Al Amal Hospital, the national cancer hospital, in Doha, Qatar; and is now working on her project at the hospital.

4. NURS 525 was developed as a blended course (70 percent classroom, 30 percent on-line) and was taken in the summer semester by 23 MSN and MPH students. The course was also developed as a fully on-line course for possible introduction at a later date.

#### PSYCHIATRY MENTAL HEALTH NURSING TRACK

1. A total of 6 students are enrolled in the Psychiatry Mental Health Nursing track.
2. Two students graduated in June 2012 and two students are continuing their projects and residencies at AUBMC-Psychiatry Department and Family Medicine Department.

#### COMMUNITY AND PUBLIC HEALTH NURSING TRACK

1. A total of 8 students have enrolled in the community track since it was launched; 4 have graduated, 3 are doing their residencies and projects, and one has just joined the program.
2. One community tract student is doing a double major: MSN community and psychiatry.

### Simulation Technology at HSON:

- The HSON Simulation and Clinical Competency Center (SCCC), operational since 2009, provides experiential, safe, and reflective learning experiences for graduate and undergraduate student nurses. With simulation, learners are able to achieve a higher level of technical and clinical proficiency before they meet their patients. They are also better prepared to deal with rare and often complex clinical problems that they might encounter in their professional life.
- Simulation is now part of the HSON learning-teaching process. It is integrated in every nursing course at HSON. Technical, critical thinking, and behavioral skills are embedded into each learning activity using high fidelity simulators or standardized patients acting out clinical scenarios. The number of simulation activities doubled in 2011 and continues to rise. Comparing fall and spring semesters across years, we observe an increase in activities from 59 to 94 percent.

- In addition to nursing faculty and students, medical students and faculty from the Department of Family Medicine, Pediatrics, and Anesthesia also use the facility. In 2013, it is expected that most if not all medical courses will have a simulation component. New equipment has been purchased for that purpose. A number of interdisciplinary projects are currently being planned and will be implemented in the near future.
- Student feedback has been very positive; students have been extremely satisfied at being able to learn through simulation. This has been evidenced by requests for more time and experiences in the simulation center.
- SCCC will be used to develop, maintain, and assess competence of students and practitioners in relation to technical and non-technical skills and will be instrumental in enhancing safety at AUBMC, which plans to strongly focus on engaging the service sector in patient simulation.

## B. Student Enrollment

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- There were 287 applications for the BSN program in fall 2012, 151 were accepted, and 72 enrolled. This is a substantial increase in applications compared to previous years.
- HSON offered 35 scholarships that covered 60 percent of tuition cost in 2012-13. Funds were provided by HSON, FM, AUBMC, and the Office of Financial Aid (FA). Eligible students were also given the chance to apply for an additional 10 percent work study and for bank loans which made it possible for them to secure full 100 percent support.
- The availability of these scholarships attracted students who selected nursing as their 3rd, 4th, and 5th choice major in their application. 52 new students were interviewed, 42 were recommended for scholarships, and 35 who received the FA/Scholarship confirmed their enrollment in the BSN program.
- There were 40 applications for the MSN program; 38 were accepted, and 16 enrolled. This is a slight decrease in MSN applications compared to previous years.



- HSON will be putting more effort this coming year to recruit MSN students; a marketing and recruitment strategy has been put in place and will be implemented.

### Student Statistics AY 2009-10 compared to 2010-11

BSN					
	2008-09	2009-10	2010-11	2011-12	2012-13
Applied	146	199	204	232	287
Accepted	95	122	115	146	151
New Enrolled	32	53	55	68	72
Yield	34%	43%	48%	47%	48%
Committed		31	39	52	61
Total Enrollment	102	119	136	157	168
Female	75%	73%	78%	80%	80%
Male	25%	27%	22%	20%	
Lebanese	89%	90%	93%	92%	90%
International	11%	10%	7%	8%	10%

MSN					
	2008-09	2009-10	2010-11	2011-12	2012-13
Applied	146	199	204	232	287
Accepted	95	122	115	146	151
New Enrolled	32	53	55	68	72
Yield	34%	43%	48%	47%	
Committed		31	39	52	61
Total Enrollment	102	119	136	157	168
Female	75%	73%	78%	80%	80%
Male	25%	27%	22%	20%	20%
Lebanese	89%	90%	93%	92%	90%
International	11%	10%	7%	8%	10%

## C. Student Recruitment and Marketing Strategy

Student recruitment remained a priority on HSON's agenda this past year. A number of activities took place including the following:

- HSON team participated in the AUB Annual Fair in April 2012.
- The HSON team continued to visit high schools to recruit students. The Student Services Officer assisted by two faculty members and two graduate assistants visited 20 schools in Lebanon and presented information on HSON programs to students in Grades 11 and 12. A data base with information on all students who attended the recruitment sessions was compiled for follow-up purposes.
  - A total of 943 high school students participated in the school visits:
    - 285 students were interested in nursing as a profession
  - 19% of the applicants to the BSN program (AY 2012-13) were from visited schools.
  - 25% of students who enrolled in the BSN program in AY 2012-13 were from visited schools.
- Future student recruitment plans to attract and retain students include:
  - Annual meetings with student counselors at HSON.
  - Send HSON Newsletter to student counselors and interested students every semester to keep them updated on developments at HSON.
  - Invite interested students to HSON to attend student-related events.
  - Organize annual meetings for interested students and their parents.
  - Target potential candidates for the MSN degree:
    - Apply new recruitment strategies in coordination with the Graduate Council.
    - Brochures will be distributed by the admissions officers from the Graduate Council to potential candidates during their recruitment visits and fairs in the region.
    - Visit hospitals in Lebanon to promote MSN programs.
    - E-mails to announce MSN programs for potential students; i.e. nursing alumni, nurses registered in the Lebanese Order of Nurses, and hospitals in Lebanon and the region.

## D. Students Projects, Theses, and Residencies and Activities

### MSN STUDENT PROJECTS AND THESIS

Name	Type	Title	Committee Members	Defense Date
Maha Al Hassan	Project	Testing Validity and Reliability of a Patient Satisfaction Questionnaire	Nuhad Dumit, Samar Nouredine	04-Nov-11
Alik Sarian	Project	Quality Monitoring and Improvement: a Comparison of Generic Versus Population Specific Patient Satisfaction Tools	Michael Clinton	04-Nov-11
Maya Abdel Rahman	Project	Nurses' Knowledge & Attitudes Regarding Pain Management	Huda Abu-Saad Huijer	05-Oct-11
Samar Nouredine	June 2012	Integrated Dialysis Care in End Stage Renal Disease	Nuhad Dumit, Samar Nouredine	08-Jun-11
Hiba Deek	Project	Readmission Rates of Heart Failure Patients: A Study in Lebanon	Samar Nouredine	08-Jun-11
Saydeh El Hamouche	Project	Education and Skill Promoting Program for Families of Psychiatric Patients	Laila Farhood	08-Jun-11

Nuhad Dumit	June 2012	Patients' Experiences and Satisfaction with Postoperative Pain Management at AUBMC	Huda Abu-Saad Huijer	Defense Date
Sabeth El Jamous	Project	Project on Discharge Planning Program for Patients Requiring Complex Nursing Needs	Samar Nouredine	08-Jun-11
Theresinia Menassa	Project	Nurse Manager Perceptions of Sickness Absence in a Tertiary Medical Center in Lebanon	Nuhad Dumit	08-Jun-11
Knar Sagherian	Project	A Pilot Study: Exploring Nurse Fatigue Among a Group of Nurses Working at the Bedside at AUBMC	Michael Clinton	01-Jun-11
Huda Abu-Saad Huijer	June 2012	Comparative Evaluation of Non-Mercury Thermometers in a Hospital Setting	Huda Abu-Saad Huijer, Samar Nouredine	01-Jun-11
Selina Yamout	Project	Group Psycho-educational Package for Drug and Alcohol Dependents in a Rehabilitation Center	Laila Farhood	01-Jun-11

Nuhad Dumit	June 2012	Evaluating Corporate Social Responsibility (CSR) in Healthcare Sector-AUBMC Case Study	Michael Clinton, Dima Jamali (OSB)	30-May-11
Naseem Ali	Project	Developing an Emergency Nursing Triage Educational Program	Samar Nouredine	Defense Date

#### MSN STUDENT RESIDENCIES

Student	Site	AUB Faculty Supervisor	On-site Preceptor	Position of Preceptor	Year
Mohamad Baydoun	University of Michigan	Huda Abu-Saad Huijer	Dana Tschannen	Assistant Clinical Professor	Fall 2012-13
Mahmoud Ghouzail	Johns Hopkins University	Huda Abu-Saad Huijer	Mary Terhaar	Associate Professor	Fall 2012-13
Myrna Saadeh	AUBMC	Laila Farhood	Laila Farhood	Professor at HSON and Psychiatry Department	Fall 2012-13
Hanan Al Farraj	AUBMC	Laila Farhood	Laila Dirani	Assistant Professor, Psychiatry Department	Fall 2012-13
Hassan Maatouk	AUBMC	Samar Nouredine	Sabat Jamous		Fall 2011-2012

Dana Kassem	Johns Hopkins University	Samar Noureddine	Jennifer Wenzel	Professor	Summer 2010-2011
Madice Merheb	Johns Hopkins University	Samar Noureddine	Cheryl Dennison	Assistant Clinical Professor	Fall 2012-13
Nour Abi Zahr	Johns Hopkins University	Samar Noureddine	Mary Donnelly-Strozzo	Nurse Practitioner, Instructor	Sep/Oct 2012
Rachele Bejjani	Johns Hopkins University	Samar Noureddine	Julie Stanik-Hutt	Associate Professor	Sep/Oct 2012
Danielle Damianos	CME	Huda Abu-Saad Huijjer	Nuhad Dumit	Assistant Professor	Fall 2012-13
Theresinia Menassa	MD Anderson Cancer Center	Huda Abu-Saad Huijjer	Patricia Hannon		Fall 2011-2012
Mohamad Saab	Universaity College Dublin Belfield Dublin	Samar Noureddine	Philip J. Larkin	Associate Professor of Clinical Nursing	Summer 2010-2011
Knar Sagherian	CME	Huda Abu-Saad Huijjer	Nuhad Dumit	Assistant Professor	Fall 2012-13

## BSN STUDENT ACTIVITIES

In addition to the community projects that are a part of their Community Course, BSN and MSN students participated in the following activities during the 2011-12 academic year:

- **March 24, 2012** **Child's Day**

The Child's Day activity is an annual activity done by the Nursing Student Society (NSS) for both recreational and educational purposes. It incorporates several activities targeting an important child health awareness issue. Every year, NSS organizes an activity day during which nursing students put a smile on the faces of deprived children. Nursing students participated in AUB Outdoors.

- **May, 2012** **AUB Outdoors**

Nursing students participated in AUB Outdoors.

- **December 1, 2012** **AIDS Day**

A campaign: *The fight against AIDS* included a three-day fundraising home-baked cake sale. The profits were entirely donated to the national organization: SIDC (Soins Infirmiers & Developpement Communautaire), which has greatly contributed to health care and social assistance of AIDS patients and drug abusers.

## MSN STUDENT ACTIVITIES

MSN students participated in many HSON events and several educational activities:

- **Student Recruitment and School Visits:** MSN students assisted the Student Services Officer with student recruitment. They participated in many school visits in different regions in Lebanon to promote the nursing profession and nursing programs at HSON.
- **AUB High School Fair:** During the last two weeks of April 2012, MSN students participated in the AUB High School Fair which was attended by a large number of grades 10 and 11 students from different schools who learned about all the majors and academic programs at AUB.



## IV. Accreditation and Strategic Planning

## A. CCNE Accreditation

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- The CCNE reaccreditation site-visit took place May 14-16, 2012. The report of the accreditation team's findings was received on May 30, 2012; BSN and MSN programs met all accreditation standards. No compliance issues were noted. The report was submitted to the CCNE Accreditation Review Committee for review at their meeting July 19-21, 2012. The CCNE Board of Commissioners made an accreditation decision about HSON programs at its meeting on October 4-6, 2012. HSON received letters informing them of accreditation on November 2012.
- The baccalaureate and master's programs at the American University of Beirut – Rafic Hariri School of Nursing were accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington DC 20036, (202)887-6791 for a period of 10 years, extending to December 31, 2022. (<http://www.aacn.nche.edu/ccne-accreditation>)
- HSON curricular changes approved by New York State Department of Education.

## B. Strategic Planning

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- HSON continues to monitor the Strategic Planning Key Performance Indicators (KPIs) that were set for 2006-11. Numerous meetings were held to review performance. Work on HSON objectives and measures are coordinated with the Office of Strategy Planning. Relevant data is entered on "VIEWS," the new AUB software that will be used by all AUB faculties/ schools.
- The 2011-16 Strategic Plan was discussed at AUB in March 2012. A number of Task Forces have been appointed to follow up on the HSON SP initiatives:
  - Task Force on Inter Disciplinary PhD program/Center for Research in collaboration with FHS and FM
  - Task Force on Dual Degrees MSN/MBA and MSN/MPH
  - Task Force on Nurse Anesthetist Post-basic Certificate Program

- Joint Task Force HSON AUBMC Nursing Services: A Task Force was appointed to oversee clinical placements and preceptorships. A number of joint appointments were discussed and implemented and will be further evaluated.
- An Executive Task Force was appointed to discuss common strategic initiatives for HSON and AUBMC. Agenda included: nurse recruitment and retention, education programs for newly recruited nurses, career paths for nurses and MSN holders, scholarships/bursaries for nursing students, and leadership training for managers.



## V. Research & Scholarly Activities

## A. Current HSON Faculty Research

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### **Principal Investigator: Christine Weir Abbyad** **Survey of University Smokers' Attitudes towards a Smoking Cessation Program**

The overall aim of the study was to survey AUB smokers about their experiences and attitudes towards a university sponsored smoking cessation program.

**Status:** Extension completed summer 2012. Data analysis in progress

**Results:** 200 new surveys were collected from students, faculty, and staff.

Discrete choice experiment questions were added to the original survey. Data analysis in progress

### **Principal Investigator: Marina Adra** **Generating a Model of Quality of Life for Older Nursing Home Residents in Lebanon: A Grounded Theory Study**

The overall aim of the study is to explore the perceptions and perspectives of quality of life of a representative sample of older people, care staff, and family care givers.

**Status:** PhD dissertation defended successfully, completed November 2012

### **Principal Investigator: Mary Arevian** **Perception of Health Related Quality of Life and Adherence to Therapeutic Regimen of Diabetics**

The purpose of this study is to describe the relationship between diabetics' perception of health related quality of life and their adherence to diabetic therapeutic regimens..

**Other researchers:** Taline Bakalian

**Funding:** Armenian Relief Cross in Lebanon

**Status:** Ongoing

### **Principal Investigator: Mary Arevian** **Impact of a Peer-led Educational Program on Knowledge and Attitudes about Prevention of Substance Abuse among Lebanese/Armenian Adolescents: A Pilot Study**

The purpose of this study is to evaluate the extent to which participation in a peer-led educational program about substance abuse produces changes in knowledge and attitudes among Lebanese/Armenian adolescents.

**Other researchers:** Tamar Kabakian Khasholian

**Status:** Completed

**Results:** A sample of 134 students from grades 10, 11, and 12 at two Armenian high schools in Beirut participated in the study. Demographic characteristics of the sample: the age ranged from 15 -20 years, slightly more females than males, a majority (84.1 percent) lived with their parents. Most students earned average grades (C: 70-79). A majority of the participants (60 percent) belonged to a club or association. There was a significant increase of knowledge of substance abuse and a significant decline in attitudes related to substance abuse between the pre- and post-tests.

### **Principal Investigator: Michael Clinton** **Mental Health Ethics in Australia**

Philosophical investigation of ethical issues in the organization and delivery of mental health services in Australia, with particular reference to the implementation of the National Mental Health Strategy and 3rd National Mental Health Plan. Progress in mental health reform is assessed against stated national objectives with particular attention to conceptual problems in psychiatric diagnosis, preparation and development of the national mental health workforce, and the prospects for improved services.

**Status:** In progress: Monograph in preparation



**Principal Investigator: Ghada El Hajj Fuleihan**  
**Capacity Building in Chronic Non-Communicable Diseases at the American University of Beirut: A Programmatic Multidisciplinary Curriculum Based Interfaculty Approach**

This training grant aims at building research capacity in Chronic, Non-Communicable Diseases and Disorders across the Lifespan submitted in collaboration with Harvard Medical School. The grant proposes a short-term, medium-, and long-term training in clinical research. The short-term training involves a certificate program. The medium-term adds mentored research experience with a faculty member to the certificate program, and the long-term training involves a master's of science in clinical research. This proposed institutional research training program involves the Faculty of Medicine, the Hariri School of Nursing, the Faculty of Health Sciences, and the Faculty of Agricultural and Food Sciences. This program is expected to sustainably strengthen the research capacity of low middle income country institutions, and to train in-country experts to conduct research on chronic, non-communicable diseases and disorders across the lifespan, with the ultimate goal of implementing evidence-based interventions relevant to Lebanon.

**Co- investigators:** Huda Abu-Saad Huijjer, Robert Habib, Nahla Hwalla, Abla Mehio Sibai; collaborator from the USA: Christos Mantzaros

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

**Co-Mentor:** Hala Darwish & Nuhad Dumit

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

**Principal Investigator: Hala Darwish**  
**Effect of Vitamin D on Cognitive Function in Older Adults**

The aims of this study are to investigate the level of Vitamin D and cognitive function in adults and older adults in Lebanon and to establish the normative values of three very well established cognitive tests in a Lebanese sample.

**Co-Investigators:** Brigitte Khoury, Samia Khoury

**Funding:** Medical Practice Program (MPP)

**Status:** Data analysis and Writing the report

**Principal Investigator: Hala Darwish**  
**Inflammatory pattern, Vitamin D level and cognitive performance in adults and older adults**

The aim of this study is to investigate the correlation between serum levels of Vitamin D and cytokines with cognitive performance in adults (> 30 years) and older adults (> 60 years).

**Co-Investigators:** Samia Khoury

**Funding:** Medical Practice Program (MPP)

**Status:** Ongoing

**Principal Investigator: Samia Khoury**  
**American University of Beirut Medical Center Multiple Sclerosis Interdisciplinary Research (AMIR): A Comprehensive Multiple Sclerosis Database**

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

**Co- Investigators:** Hala Darwish, Bassem Yamout, Samir Atweh, Raja Sawaya

**Funding:** AUBMC MS Center Research Funds

**Status:** Ongoing

**Principal Investigator: Samia Khoury**  
**Immunological pattern during Multiple Sclerosis relapses and response to treatment (5 years)**

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

Co- investigators: Hala Darwish, Bassem Yamout, Samir Atweh, Raja Sawaya

Funding: AUBMC MS Center Research Funds

Status: Ongoing

**Principal Investigator: Samia Khoury**  
**Effect of Vitamin D replacement on immune function and cognition in MS patients**

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

Co-Investigator: Hala Darwish, Funding: AUBMC MS Center Research Funds

Funding: Medical Practice Program (MPP)

Status: Ongoing

**Principal Investigator: Samir Atweh**  
**The Effect of Aspirin and Clopidogrel on Bleeding, platelet aggregation and neuronal damage after moderate brain injury**

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

Co- Investigators: Hala Darwish, Firas Koubaissy, Aida Habib

Funding: CNRS

Status: IRB review

**Principal Investigator: Nuhad Dumit**  
**Analyzing the antecedents of absenteeism among nurses in a private not-for-profit medical center in Lebanon**

The main aim of this study is to examine sickness absences at AUBMC in terms of prevalence, nature, causes, trends, frequency, cost, and impact on services provided. Another aim is to explore reasons for sickness absence in order to recommend and implement appropriate intervention(s) for effective absence management

Co-investigator: Lina Daouk Oryr

Supported by the Evidence-based Healthcare Management Unit, AUB

Status: Ongoing

**Principal Investigator: Fadi Jardali**  
**Exploring the Problem of Scarcity of Nurses in Underserved Areas in the Middle East: Factors, Reasons, and Incentives for Recruitment**

The overall aim of the study is to describe the current and proposed HR policies and practices in Lebanon, Jordan, and a Gulf country with regard to under-served areas of healthcare provision and to deployment of international and national nursing workforces in these areas.

Other researchers: Susan F. Murray, Nuhad Dumit [Lead Investigator for Lebanon], Raeda Abu Al Rub

Funding: Alliance for Health Policy and Systems Research

Status: Completed

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

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

**Co-investigator:** Fadi Maalouf and Myrna Doumit

**Funding:** Medical Practice Plan and University Research Board

**Status:** Ongoing

**Principal Investigator: Laila Farhood**  
**Psychiatric Morbidity in South Lebanon post July 2006: Community Assessment and CBT Randomized Group Intervention**

The overall aim is to assess the prevalence of psychiatric morbidity and negative life events in citizens from south Lebanon after the July 2006 War. It also aims to test the effectiveness of Cognitive Behavioral Therapy in treating PTSD and depression in a post-conflict region using a randomized group intervention.

**Funding:** World Health Organization (initial phase) and Medical Dean's Fund

**Status:** Completed

**Results:** The sample consisted of 991 adults from 10 villages. One year after the July 2006 war, 17.8 percent had met the threshold criteria for PTSD (using the symptom part of the Harvard Trauma Questionnaire (HTQ)) and 14.7 percent for moderate to severe depression (using the Beck Depression Inventory (BDI)). Over 95 percent of the sample had experienced at least one traumatic event from the HTQ. Negative life events due to the war (i.e. social and financial problems) were associated with psychiatric morbidity. Other risk factors included female gender, trauma exposure, financial and social problems, older age, and marital status. Factors that protected against mental health problems include social support, good physical health, and employment. CB group therapy was effective in decreasing psychiatric symptoms, however further studies are needed to develop interventions using a psycho-social model.

**Publications:**

1. Farhood, L., & Dimassi, H. (2012) Prevalence and predictors for post-traumatic stress disorder, depression and general health in a population from six villages in South Lebanon. *Social Psychiatry and Psychiatric Epidemiology*. Vol. 47 (4): 639-649.
2. Farhood, L., Dimassi, H., Strauss, N. L. & van Lunteren, J. Understanding post-conflict mental health in South Lebanon: Assessment of PTSD, depression, social functioning, and life events in a civilian population one year after the July 2006 War. (Being submitted).
3. Farhood, L., Richa, H., Masalkhi, H, Shehadi, R. & Strauss, N. L. Challenges and recommendations for mental health interventions in civilian populations in war-conflict areas: Testing the efficacy of Cognitive-Behavioral (CB) Group Therapy. *Journal of Transcultural Nursing*, (In review).
4. Dimassi, H., Farhood, L., Richa, H., Bashir, R. & Strauss, N. L. Validation of the Arabic version of the GHQ-28 against the BDI for assessing depression in war-exposed civilians. *Psychological Medicine*, (In review).

## Principal Investigator: Huda Abu-Saad Huijjer

### Quality of Palliative Care in Lebanon; the Perspectives of Patients with Cancer

The purpose of this study is to evaluate the quality of life, symptom management, functional ability, and the quality of palliative care in adult Lebanese cancer patients.

**Other researchers:** Myrna Doumit, Hani Dimassi

**Funding:** : Lebanese National Council for Scientific Research

**Status:** Completed

**Results:** A total of 200 cancer patients participated in the study; the majority was female with breast cancer and mean age 54. A fair quality of life and social functioning with high prevalence of physical and psychological symptoms was found. The cognitive functioning domain of the Quality of Life scale was found to have the highest score; social functioning had the lowest score. The most prevalent symptom was lack of energy and the least prevalent was shortness of breath. Nausea and pain were the symptoms most commonly treated. Inadequate symptom management was reported especially for psychological symptoms. Participants reported a satisfactory level with the quality of care

#### Publications:

1. Abu-Saad Huijjer, H., Sagherian, K., Tamim, H. (2012). Validation of the Arabic Version of the EORTC QLQ Quality of Life Questionnaire among Cancer Patients in Lebanon. *Quality of Life Research*. (DOI) 10.1007/s11136-012-0261-0
2. Abu-Saad Huijjer, H., Abboud, S. (2012). Predictors of Quality of Life in a Sample of Lebanese Patients with Cancer, *Europe's Journal of Psychology*. (Accepted)
3. Abu-Saad Huijjer, H. Doumit, M., Abboud, S. Dimassi, H. Quality of Palliative Care; Perspectives of Lebanese Patients with cancer, *Lebanese Medical Journal*, 60 (2) : 2012.

4. Abu-Saad Huijjer, H., Abboud, S. Doumit, M. (2012). Symptom Prevalence and Management of Cancer Patients in Lebanon *Journal of Pain and Symptom Management*, (In Press). doi: 10.1016/j.jpainsymman.2011.10.019
5. Abu-Saad Huijjer, H., Abboud, S. Health-Related Quality of Life among Breast Cancer Patients in Lebanon. *European Journal of Oncology Nursing*, (1-7). (In Press). doi:10.1016/j.ejon.2011.11.003.

## Principal Investigator: Huda Abu-Saad Huijjer

### Quality of Palliative Care in Lebanon; the Perspectives of Children with Cancer

The purpose of this study is to evaluate the quality of life, symptom management, functional ability, and the quality of palliative care in Lebanese pediatric cancer patients from the perspective of children and their parents.

**Other researchers:** Miguel Abboud, May Khoury

**Status:** Ongoing

## Principal Investigator: May Khoury

### Family Experiences with Palliative Care Services of Children with Cancer in Lebanon

The purpose of the study is to explore the experiences of families living with a child with cancer and receiving palliative care in Lebanon.

**Co-Investigators:** Huda Abu-Saad Huijjer and Myrna Doumit

**Status:** Completed

**Results:** Five themes and a constitutive pattern "It is a continuous battle" emerged from the data analysis. Living with the shock of the diagnosis; changes in the family life pattern; a change in the family quality of living conditions; changes in the family life pattern with added responsibility; changes in the family dynamics; sibling rivalry and changes in the couple's relationship; living with uncertainty.

**Publications:** Naifeh Khoury, M. Abu-Saad Huijjer, H. Doumit, M., (2012).

Lebanese parents' experience with a child with cancer. *European Journal of Oncology Nursing*, 17(1): 16–21.

doi:10.1016/j.ejon.2012.02.005

### **Principal Investigator: May Naifeh Khoury** **Palliative Care Education in Lebanon: An update**

The purpose of this review was to conduct a situation analysis and propose a strategy for education of pain and palliative care in nursing schools in Lebanon. An updated assessment was done regarding the availability of pain and palliative care concepts in education and training of health care professionals in 11 major universities in Lebanon.

**Status:** Completed

**Results:** Results showed that in all the curricula of the 10 universities the concepts of pain and palliative care have been integrated into the education of nurses at the undergraduate bachelor of science in nursing programs; one university offers a two-credit course on pain and palliative care to third-year students.

Our future outlook should concentrate on efforts to continue to include concepts of palliative and end-of-life care in nursing curricula in a systematic way through the development of a separate course “Foundation Course on Palliative and End-of-Life Care.”

**Publication:** Khoury, M.N. (July 2012). Palliative Care Education in Lebanon: an Update. *Human & Health*: 20, 25–26

### **Principal Investigator: Dina Madi** **Pain in Children with Cancer/ Investigation of Pain in Lebanese Children with Cancer**

The purpose of this project is to study pain and its characteristics in Lebanese children with cancer and to gain insight into the experience of children and the effectiveness of commonly used management practices.

**Status:** PhD dissertation completed December 2012

### **Principal Investigator: Gladys Mouro** **Survey of the Expectations and Intentions of MSN Prepared Nurses at AUBMC**

This study aims to assess the influence of graduate education on the practice of nurses currently employed at AUBMC, as perceived by the nurses, and identify their intended career paths following completion of graduate studies.

**Other investigators:** Samar Nouredine, Mariam Kayle, Marjan Fooladi, Myrna Doumit, and Rima Saad

**Funding:** AUBMC

**Status:** Ongoing. Manuscript writing in progress

### **Principal Investigator: Samar Nouredine** **Decision Making Processes and their Correlates in Patients Experiencing Acute Myocardial Infections (AMI)**

This is a mixed methods study that uses both qualitative and quantitative methods to find 1) process by which patients make the decision to seek care in response to symptoms of AMI, 2) the influence of people who witness the AMI on their decision to seek care, 3) the patient's knowledge of and attitudes towards heart disease, and 4) other factors that influence the decision to seek care.

**Other investigators:** Nuhad Dumit

**Funding:** Postdoctoral fellowship from the Cardiovascular Councils of Nursing of the American Heart Association and the European Society of Cardiology

**Status:** Ongoing. Manuscript writing in progress

### Principal Investigator: Samar Nouredine

#### Knowledge, attitude, and practice related to substance use among medical student in Lebanon

The aim of this study is to examine the level of knowledge, attitude, and practice related to substance use among Lebanese medical students

**Funding:** None

**Status:** Data collection in progress

### Principal Investigator: Samar Nouredine

#### Smoking Behavior after hospitalization with a coronary event

The aim of this longitudinal observational study is to examine the rates of smoking cessation and relapse following hospitalization with a coronary event, and predictors of cessation and relapse.

**Other investigators:** Habib Dakik, Angela Massouh

**Funding:** Pending Lebanese National Council of Scientific Research

**Status:** Pilot phase started

## B. Scholarly Publications

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- Abbyad, C. (2012). From a distance and up close: Syrian children. *Nursing Children and Young People*, 24, 13.
- Abu-Saad Huijjer, H., Abboud, S. Health-Related Quality of Life among Breast Cancer Patients in Lebanon. *European Journal of Oncology Nursing*. doi:10.1016/j.ejon.2011.11.003 (In Press).
- Abu-Saad Huijjer, H. (2012). Palliative Care in Children. In Esther Chang & Amanda Johnson (eds). *Contemporary and Innovative Practice in Palliative Care*. InTech Open Access Publisher. <http://www.intechopen.com/articles/show/title/palliative-care-in-children>. (Book Chapter)

- Abu-Saad Huijjer, H., Abboud, S. (2012). Predictors of Quality of Life in a Sample of Lebanese Patients with Cancer, *Europe's Journal of Psychology*. (In Press)
- Abu-Saad Huijjer, H., Doumit, M., Abboud, S. Dimassi, H. Quality of Palliative Care; Perspectives of Lebanese Patients with cancer, *Lebanese Medical Journal*, 60 (2): 2012.
- Abu-Saad Huijjer, H., Abboud, S. Doumit, M. (2012). Symptom Prevalence and Management of Cancer Patients in Lebanon. *Journal of Pain and Symptom Management*, In Press. doi: 10.1016/j.jpainsymman.2011.10.019
- Abu-Saad Huijjer, H., Abboud, S. (2012). Health-Related Quality of Life among Breast Cancer Patients in Lebanon. *European Journal of Oncology Nursing*, (1-7). (In Press). doi:10.1016/j.ejon.2011.11.003.
- Abu-Saad Huijjer, H., (2011). Pain in Children across Cultures. In Incayawar, M. & Knox, T. *Culture, Brain, & Analgesia*, Oxford University Press (In Press). (Book Chapter).
- Briones TL, Darwish H. Vitamin D mitigates age-related cognitive decline through the modulation of pro-inflammatory state and decrease in amyloid burden. *Journal Neuroinflammation*. 2012 Oct 25; 9:244. doi: 10.1186/1742-2094-9-244.
- Darwish, H., Mahmood, A., Schallert, T., Chopp, M., and Therrien, B. Mild traumatic brain injury leads to spatial learning deficits. *Brain Injury*, (2012), 26(2): 151-165. doi: 10.3109/02699052.2011.635362.
- Eid, L., Darwish, H., Nouredine, S., Assessing the need for a fast track unit at AUBMC Emergency Department: A retrospective blind chart review. (2011) LAP Lambert Academic Publishing.
- Farhood, L., & Dimassi, H. (2012) Prevalence and predictors for post-traumatic stress disorder, depression and general health in a population from six villages in South Lebanon. *Social Psychiatry and Psychiatric Epidemiology*. Vol. 47 (4): 639-649.
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the Middle East. In: *Pediatric Palliative Care: Global Perspectives*. Knapp, C., Madden, V., & Fowler-Kerry, S. (Editors). Springer Science, pp. 127-159.

- Mouro, G., Tashjian, H., Bashir, R, Hess, R. Comparing nurses' perception of governance related to hospitals' Journey to Excellence status in the Middle East. Study completed. Manuscript under peer review at Nursing Economics. (In Press)

### Articles in Professional Journals

- Abu-Saad Huijjer, H. (2012). Palliative care research in Lebanon: Current situation and future plans. *Human & Health*, 20-July; 10-13. Published in English and Arabic.
- Abu-Saad Huijjer, H. (2012). Doctoral degrees in nursing. *Human & Health*, 20-July; 62-63. Published in Arabic.
- Daher, M. & Abu-Saad Huijjer, H. (2012). Palliative care in Lebanon; achievements and future steps. *Human & Health*, 20-July; 21-23. Published in Arabic.
- Naifeh Khoury May. (July, 2012). Palliative Care Education in Lebanon: An Update. *Human & Health*,: 20, 25-26. Published in Arabic.

### Research/Continuing Education Seminars

- "Dietary Exposure to Selected Pesticide Residues in Lebanon: a Total Diet Study Approach," presented by Dr. Lara Nasreddine on March 7, 2012.
- "Narghile waterpipe tobacco smoking – toxicants, delivery, and health effects," presented by Dr. Alan Shihadeh on March 21, 2012.

### C. PhD Dissertations

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Huda Abu-Saad Huijjer

2012: Anne Vaajoki, "Postoperative Pain in Adult Gerontological Patients – Music Intervention in Pain Alleviation", External Examiner, University of Eastern Finland, Kuopio, Finland. September 2012.

## D. Editorial Positions

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### Chris Abbyad

2012 Ongoing ..... Reviewer, Journal of Transcultural Nursing

### 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 Journal of Japan of Nursing Sciences

2012 Ongoing .... Reviewer, Journal of Health Promotion International

### Michael Clinton

2010 Ongoing .... Editorial Board, International Journal of Mental Health Nursing, formerly the Australian & New Zealand Journal of Mental Health Nursing

2010 Ongoing ..... Editorial Board, Journal of Psychosocial Nursing and Mental Health Services

2010 Ongoing ..... Editorial Board, Journal of Mental Health

2010 Ongoing ..... Editorial Board, Journal of Ethics in Mental Health

2010 Ongoing ..... Editorial Board International Journal of Evidence-Based Healthcare

2010 Ongoing ..... Review Panel, Contemporary Nurse

2010 Ongoing ..... Review Panel, Infection Control & Hospital Epidemiology

2010 Ongoing ..... Reviewer, Journal of Adolescent Health

2010 Ongoing ..... Reviewer, Journal of Physical Activity & Health

2010 Ongoing ..... Reviewer, Infection Control & Hospital Epidemiology

### Nuhad Dumit

2008 Ongoing .... Reviewer, Journal of Nursing Management

2009 Ongoing .... Reviewer, Journal of Interprofessional Care

2009 Ongoing .... Reviewer, WIN Conference Abstract and Poster Judge

2011 Ongoing .... Reviewer Avicenna Journal of Medicine

### Laila Farhood

2006 Ongoing ..... Member of the 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, Global Public Health

2010 Ongoing ..... Reviewer, Journal of Traumatic Stress

2010 Ongoing ..... Reviewer, Journal of Social Psychiatry and Psychiatric Epidemiology

2011 Ongoing .... Reviewer, Journal of Affective Disorders

2012 Ongoing ..... Reviewer, International Journal of Mental Health Nursing

### Huda Abu-Saad Huijjer

1994 Ongoing .... Associate Editor and later Member of Advisory Board, International Journal of Nursing Studies

1999 Ongoing .... Member of the Advisory Board, Journal of Transcultural Nursing

2000 Ongoing .... Member of the Editorial Board, Scandinavian Journal of Caring Science

2005 Ongoing .... Member of the Editorial Board, Supportive and Palliative Cancer Care

2005 Ongoing .... Member of Editorial Board, Journal of Nursing Scholarship

2005 Ongoing .... Reviewer, European Journal of Pain

2006 Ongoing .... Member of Editorial Board, Japanese Journal of Nursing Science

2008 Ongoing .... Reviewer, Lebanese Medical Journal

2009 Ongoing .... Reviewer, Pediatric Pain Newsletter, IASP

2010 Ongoing .... Member of Editorial Board, Lebanese Journal of Nursing

2011 Ongoing .... Reviewer, Journal of Palliative Medicine

2011 Ongoing .... Member of Editorial Board, IASP Insight Newsletter

2011 Ongoing .... Member of the Editorial Board Nursing Children and Young People

2012 ..... Reviewer, Health Promotion International.

2012 ..... Reviewer, Europe's Journal of Psychology



**Samar Nouredine**

- 2008 Ongoing ..... Reviewer, American Journal of Critical Care
- 2008 Ongoing ..... Member, Editorial Board, Journal of Transcultural Nursing
- 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 .... Member, International Editorial Board of Metas de Enfermiera' Nursing Journal
- 2010 Ongoing .... Member, Editorial Board, Lebanese Journal of Nursing
- 2011 Ongoing..... Reviewer, Journal of Cardiovascular Nursing
- 2011 Ongoing..... Reviewer, Journal of Clinical Nursing
- 2011 Ongoing..... Reviewer, Pan African Medical Journal
- 2012 Ongoing ..... Reviewer, Heart & Lung: The Journal of Acute and Critical Care

## E. Scientific and Research Grant Reviews

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**Chris Abbyad**

- 2012 ..... Abstract reviewer, Spring annual meeting International Conference on Cancer Nursing
- 2012 ..... Abstract reviewer, Spring annual meeting Southern Nursing Research Society

**Nuhad Dumit**

- 2011 Ongoing..... Reviewer, "Effective Teaching and Learning in Higher Education," organized by the Center for Teaching and Learning (CTL) and IT Academic Core Processes & Systems (IT ACPS), AUB
- 2012 Ongoing .... Reviewer, ICN 25th Quadrennial Congress Abstracts

**Laila Farhood**

- 2010 Ongoing ..... Reviewer of Medical Practice Plan & University Research Board grants, AUB

**Huda Abu-Saad Huijer**

- 2006-12..... Reviewer, International Association for the Study of Pain (IASP) Collaborative Research and other Grants:
- John J Bonica Trainee Fellowship
  - Scan/Design Bruun Foundation Fellowship
  - Patrick D. Wall Young Investigator Award (for Basic Science)
  - Ulf Lindblom Young Investigator Award (for Clinical Science)
  - Ronald Dubner Research Prize.
- 2010 Ongoing ..... External Examiner, University of Jordan
- 2010 Ongoing ..... Reviewer, Faculty of Medicine Research Committee, AUB

**Samar Nouredine**

- 2012 ..... Abstract reviewer, Spring annual meeting of the Cardiovascular Council of Nurses and Allied Professionals
- 2012 ..... Reviewer for the Research Council, Balamand University
- 2011 Ongoing..... Reviewer for Sultan Qaboos University, Research & Innovations Department
- 2010 Ongoing ..... Reviewer of Medical Practice Plan Faculty of Medicine Research Committee AUB & University Review Board grants, AUB

**Hala Darwish**

- 2011 Ongoing ..... Reviewer of Medical Practice Plan, Faculty of Medicine Research Committee, AUB
- 2012 Ongoing..... Reviewer for Electrophoresis

## F. Scholarly Lectures

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**Christine Weir Abbyad**

- Abbyad, C. & Dumit, N. "Peer Observation." AUB workshop May 2012, Beirut, Lebanon.
- Abbyad, C. "Preconception Care." Podium presentation MEMA, May 2012 Beirut, Lebanon

- Abbyad, C. "Caring for Infants in Health and Disease: Composition of Breast Milk and Benefits of Breast Feeding" Podium presentation, Abbott Workshop, March 29-30, 2012, Beirut, Lebanon.
- Abbyad, C. "Caring for Infants in Health and Disease: Newborn Exam" Simulation presentation, Abbott Workshop, March 29-30, 2012, Beirut, Lebanon.
- Abbyad, C. "University Smokers' Attitudes Towards Smoking Cessation." Poster presentation at the World Conference on Tobacco or Health, March 18-24, 2012, Singapore.

#### Hala Darwish

- Darwish, H. Review of Depression and MS. Presentation during MS weekly seminar, June 2012.
- Darwish H. Memory in Women, the role of Estrogen. Presented the Middle East Medical Association conference in Beirut, Lebanon, May 2012.
- Darwish, H. Learning and memory and cognitive function in Multiple Sclerosis (October 2012) Presentation during MS weekly seminar.

#### Nuhad Yazbik Dumit

- Dumit, N. Exploring Absenteeism among Nurses in a Tertiary Medical Center in Lebanon, presented at the Western Institute of Nursing Conference, Portland, April 20, 2012.
- Dumit, N. Peer Observation workshop, CTL, AUB, May 24, 2012 (Invited)
- Dumit, N Diagnostic/Formative/Summative Assessment, CTL, AUB, August 6, 2012 (Invited)

#### Laila Farhood

- "Understanding post-conflict mental health in South Lebanon: Assessment of posttraumatic stress disorder, depression, general health status and life events in a civilian population one year after the 2006 war" WPA Prague, Czech Republic October 16-21, 2012
- International Society for Traumatic Stress Studies, Los Angeles, California, November 1-3, 2012

#### Huda Abu-Saad Huijer

- Huijer Abu-Saad, H. Opening and lecture on Ethical Challenges in Palliative and End-of-Life Care. 1st National Conference on Nursing and Healthcare Ethics: Making a Difference for Patients. January 13-14, 2012 Crown Plaza, Beirut, Lebanon (Keynote Speaker).
- Huijer Abu-Saad, H. HSON Research related to VMP. Conference on VMP. Gefinor Hotel. Beirut, Lebanon, February 2012.
- Huijer Abu-Saad, H. Fostering Interprofessional Education in Nursing. IPE Workshop, Hariri School of Nursing, AUB, March 2012.
- Huijer Abu-Saad, H. Holistic Family-Centered Palliative Care. Advanced ASCO-MECC International Development and Education Course in Palliative Care. Approaches for Oncology Integrated Palliative Care in Middle Eastern Countries. April 2-4, 2012, Rixos Hotel, Ankara, Turkey (Invited).
- Huijer Abu-Saad, H. Spirituality in Health Care. Crucial Conversations in Nursing. LAU, April 20, 2012, Jbeil, Lebanon (Invited).
- Huijer Abu-Saad, H. Quality of Palliative Care in Lebanon; Perspectives of Adults and Children with Cancer. MECC Research Working Group. June 1-2, 2012, Amman Jordan. (Keynote Speaker).
- Huijer Abu-Saad, H. International School of Choueifat; Commencement Keynote Speaker. July 1, 2012, Choueifat, Lebanon.
- Huijer Abu-Saad, H. Culture and Pain. 6th Nordic Conference on Pediatric Pain. September, 5-7, 2012, Reykjavik, Iceland (Keynote Speaker).
- Huijer Abu-Saad, H. Care Coordination; A Key Role in Health Care. International Conference on Health Issues in Arab Communities. October 16-17, 2012, Dearborn, Michigan USA (Invited Speaker).
- Huijer Abu-Saad, H. Quality of Life and Symptom Management in Pediatric Palliative Care, The Fourth Regional Conference of Cancer and Blood Diseases in Childhood. November 8-11, Amman, Jordan. Keynote Speaker
- Huijer Abu-Saad, H. Ethical Challenges in Palliative and End of Life Care. The Fourth Regional Conference of Cancer and Blood Diseases in Childhood, November 8-11. Amman, Jordan. Keynote Speaker

- Huijer Abu-Saad, H. Nurse: Leader and Agent of Future Change. Arab Hospital Federation and Ministry of Health, November 29–30, Beirut, Lebanon (Invited).

#### **Lina Kantar**

- Kantar, L. Assessments: An additional way to teach higher order thinking skills. Paper accepted for presentation at the 3rd International Conference on Effective Teaching and Learning in Higher Education. AUB, Lebanon, December 2012.
- Kantar, L. Evidence-based teaching practice: Transformation in higher education. Paper presented at the 23rd International Conference of the Alliance of Universities for Democracy. Kielce, Poland, October 2012.

#### **Angela Massouh**

- Massouh, A. Heart Failure in Lebanon. Invited speaker at the First Middle Eastern Heart Failure National Conference. Bristol, Lebanon, May 2012.
- Massouh, A. Role of the Heart Failure Advanced Practice Nurse. Invited speaker at the First Middle Eastern Heart Failure National Conference. Bristol, Lebanon, May 2012.
- Massouh, A. Provision of Evidence Based Nursing Care for Cardiovascular Diseases. Seminar Director and speaker at the Continuing Medical Education. AUB, Lebanon, April 2012.
- Massouh, A. Advances in Anticoagulation and Antithrombosis Management. Seminar Director and speaker at the Continuing Medical Education. AUB, Lebanon, February 2012.

#### **Samar Nouredine**

- Nouredine, S. Accreditation of Academic Programs. Conference of the Order of Physical Therapists in Lebanon, September 8, 2012, Dbayeh Congress Center
- Nouredine, S. Cardiovascular Health Promotion for women. Invited presentation at the 45th Middle East Medical Assembly, May 3, 2012, AUB, Beirut, Lebanon
- Nouredine, S. Do women's symptoms of acute coronary syndrome contribute to treatment? Invited presentation at the World Congress of Cardiology, April 19, 2012, Dubai, United Arab Emirates.

## **VI. Professional Practice/Service**

## A. Professional Practice

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### Christine Weir Abbyad

- Consultation with Hariri Foundation about initiation of smoking cessation programs in the Hariri Health Clinics. Beirut, Lebanon, January 2012.
- Tobacco Control Research Group member
- Direct AUB University Smoking Cessation Program through the Wellness Program.
- Successfully negotiated with AUB HIP to fund nicotine replacement medications for all AUB smokers who participate in the AUB smoking cessation program.
- Consultant (ongoing) AUBMC “Implementing the Baby Friendly Initiative.”
- UNFPA Lebanon workshop on Maternal Morbidity, March 2012, Tripoli, Lebanon.

### Rana Abdel Malak

- American Nurse Credentialing Center (ANCC) appraiser for nursing continuing education providers (January 2012)
- Career Advancement Program (CAP) Automated System, Intellectual Property (April 2012)

### Marina Adra

- Hariri School of Nursing representative to the National Colloquium Committee, 2012

### Nuhad Dumit

- Conducted half-day workshop on “Organizational Communication,” Behkazi Medical Group, Beirut, March 9, 2012

### Nuhad Dumit

- Conducted half-day workshop on “Organizational Communication” at Al-Youssef Medical Center Halba, Akkar, North Lebanon, November 25, 2010
- Coordinated the completion of the Jabal Amel Women Association project.

### Laila Farhood

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

- Member, Lebanese Order of Nurses (Founding member)
- Member, APNA American Psychiatric Nurses Association
- Member, ISTSS International Society for Traumatic Stress.

### Huda Abu-Saad Huijer

- Organized scientific meetings on pain and palliative care as president of Lebanese Society for the Study of Pain and member of the Board of the Lebanese Cancer Society.
- Member, International Scientific Advisory Board, Centre of Excellence in Pediatric Pain Management, Faculty of Medicine, Kuwait University, Kuwait.
- Member of the World Health Organization (WHO) Expanded Review Panel on Pain Guidelines, since 2009.
- Member, Advisory Committee, Center for Research, Training, and Policy in Arab Mental Health, Faculty of Medicine, AUB.
- Member of the Board, Lebanese Center for Palliative Care, Balsam.
- Member of the Public Advisory Board, Lebanese Society of Family Medicine
- Vice-President, National Committee on Pain Relief and Palliative Care (Appointed by Minister of Health) and chair of the Research Committee.
- Member, Organizing Committee, International Breast Cancer and Nutrition (IBCN) Conference to be held at AUB in 2013

### May Khoury

- Hariri School of Nursing representative to the National Colloquium Committee, 2012
- Workshop-UNFPA Training Workshop on the Morbidity of Pregnant Women, Tripoli, Lebanon. Presented workshop on complications during pregnancy, gestational diabetes and hypertension (pre-eclampsia); also on postnatal topics such as breastfeeding; complications during postpartum, abnormal involution of the uterus (infection), early and late hemorrhage, mastitis and mood disorders, March 7-8, 2012.

### Angela Massouh

- Massouh, A. *Education and Counseling*. Invited speaker at the Hemoglobin Disorders Thalassemia and Sickle Cell Disease Conference. AUB, Lebanon. April 2012.

**Samar Noureddine**

- Consulted by the Order of Nurses in Lebanon on the status of nursing research in Lebanon and ways to promote research utilization in practice and conducting studies, March 2012.
- Moderated a session on Nutrition, Exercise and Nursing in Heart Failure at the Middle East Heart Failure Congress, Le Bristol Hotel, Beirut, May 12, 2012

**Hera Tashjian**

- Certified as Adult Acute and Critical Care Clinical Nurse Specialist (CCNS) by American Association of Critical Care Nurses.

**B. HSON Committees**

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**MSN Convener:**

Laila Farhood

**BSN Convener:**

Christine Abbyad

**CE/Offshore Programs Coordinator:**

Nuhad Dumit

**MSN Adult Care Track Coordinator**

Samar Noureddine

**MSN Psychiatry & MH Track Coordinator:**

Laila Farhoode

**MSN Community & Public Health Track Coordinator:**

Mary Arevian

**MSN Nursing Administration Track Coordinator:**

Michael Clinton

**Standing Committees****Academic and Curriculum Committee**

Dr. Huda Abu-Saad Huijer (Chair or Representative)

Mrs. Marina Adra (appointed chair)

Mrs. Mary Arevian

Dr. Christine Abbyad

Dr. Lina Kantar

Ms. Dina Madi (Appointed)

Ms. Angela Massouh

Ms. Hera Tashjian (Appointed)

Dr. Lina Younan (Appointed)

**Admission and Recruitment Committee**

Mrs. May Khoury (Chair)

Ms. Nour Alayan

Mrs. Mary Arevian

Mrs. Dina Madi

Mrs. Sana Marini

Dr. Huda Abu-Saad Huijer (ex-Officio)

**Advisory Committee**

Dr. Huda Abu-Saad Huijer (Chair)

Dr. Michael Clinton

Dr. Laila Farhood

Dr. Samar Noureddine

### Graduate Studies Committee

Dr. Nuhad Dumit (appointed chair)  
 Dr. Michael Clinton  
 Dr. Hala Darwish  
 Dr. Laila Farhood  
 Dr. Samar Noureddine  
 Dr. Huda Abu-Saad Huijjer (ex-Officio)

### Research & Continuing Education Committee

Dr. Hala Darwish (Chair)  
 Dr. Michael Clinton  
 Dr. Laila Farhood  
 Dr. Samar Noureddine  
 Dr. Huda Abu-Saad Huijjer (ex-Officio)  
 Ms. Hera Tashjian (invited member representing AUBMC NS)

### Student Affairs Committee

Mrs. Mary Arevian (Chair)  
 Mrs. Dina Madi, Class Advisor BSN II  
 Mrs. Marina Adra, Class Advisor BSN III  
 Mrs. Angela Massouh and Ms. Nour Alayan, Class Advisor BSN IV

### Administrative Committee

Dr. Huda Abu-Saad Huijjer (Chair)  
 Dr. Christine Abbyad  
 Dr. Laila Farhood  
 Dr. Samar Noureddine

### Other HSON Committees/Task Forces

#### HSO Task Force on Bylaws (to be dissolved when bylaws are approved)

Samar Noureddine (Chair)  
 Mrs. Marina Adra  
 Dr. Hala Darwish

### HSO Search Committee

Dr. Huda Abu-Saad Huijjer (Chair)  
 Dr. Michael Clinton  
 Dr. Laila Farhood  
 Dr. Samar Noureddine

### HSO Social Committee

Ms. Angela Massouh (Chair)  
 Mrs. Marina Adra  
 Ms. Nour Alayan  
 Ms. Randa Farha

### HSO Catalogue Committee

Dr. Christine Abbyad; Convener/Chair Baccalaureate Programs  
 Dr. Laila Farhood; Convener/Chair Master of Science in Nursing Program

### HSO Task Force on Sigma Theta Tau

Dr. Christine Abbyad (Chair)  
 Dr. Huda Abu-Saad Huijjer  
 Mrs. Mary Arevian  
 Dr. Myrna Doumit  
 Mrs. Dina Madi

### HSO Newsletter Committee

Dr. Christine Abbyad (Chair)  
 Mrs. Marina Adra  
 Mrs. Zeina Battikha Chamoun  
 Ms. Angela Massouh  
 Mrs. Lynn Barbary Najem

## HSON Representatives on AUB, Faculty of Medicine, and AUBMC Nursing Services Committees

- AUB Commencement Committee; Mrs. May Khoury
- AUB Senate; Dr. Huda Abu-Saad Huijer, Dr. Samar Nouredine
- University Learning Outcomes Coordinating Committee; Dr. Nuhad Dumit & Dr. Lina Kantar
- AUB Unified Admissions Committee; Mrs. May Khoury
- AUB Senate Committee on General Education; Dr. Nuhad Dumit
- New Student Orientation Program Committee; Mrs. Dina Madi
- Faculty of Medicine Library Committee; Mrs. Mary Arevian
- Faculty of Medicine Research Committee; Dr. Hala Darwish
- Faculty of Medicine Research Strategic Plan Task Force; Dr. Samar Nouredine
- AUBMC NS Joint Committee HSON/Nursing Service; Mrs. May Khoury
- AUBMC Nursing Services Education Council; Dr. Lina Abi Fakhr
- AUBMC Nursing Services Practice Council; Dr. Christine Abbyad
- AUBMC Nursing Services Research Council- Research Unit; Ms. Angela Massouh and Dr. Samar Nouredine
- AUBMC Nursing Services Work-Life Council; Dr. Michael Clinton
- Institutional Review Board; Dr. Michael Clinton

## Task Force on revisiting BA/BS-BSN Program

Ms. Dina Madi (chair)  
 Dr. Lina Kantar  
 Mrs. May Khoury  
 Dr. Samar Nouredine

## Task Force on Interdisciplinary PhD Program/Center for Nursing Research in collaboration with FHS/FM

Michael Clinton (chair)  
 Huda Abu-Saad Huijer  
 Hala Darwish  
 Laila Farhood  
 Samar Nouredine  
 Representative from AUBMC (Lina Badr)

## Task Force on Dual Degrees MSN/MBA and MSN/MPH including HSON executive leadership program

Nuhad Dumit (chair)  
 Rana Abdel Malak  
 Mary Arevian  
 Michael Clinton  
 Elie Salameh  
 Hera Tashjian  
 Lina Younan

## Joint Task Force HSON AUBMC NS

May Khoury (chair)  
 Christine Abbyad  
 Hera Artinian (AUBMC)  
 Nada Nassar (AUBMC)

## Task Force on Interdisciplinary MSN/Psychiatry/Clinical Psychology

Laila Farhood (chair)  
 Representative from Faculty of Medicine  
 Representative from clinical psychology

## Task Force on Nurse Anesthetist Program

Rana Abdel Malak (chair)  
 Huda Abu-Saad Huijer  
 Ghassan Kanazi  
 Hera Tashjian

## Other AUB Committees

Christine Abbyad  
 Tobacco Control Research Group, Member  
 Team based learning (TBL) support group, Member

**Marina Adra**

Nurses' Chapter  
Clearance Officer: School of Nursing

**Nour Alayan**

Nurses' Chapter

**Mary Arevian**

Nurses' Chapter

**Michael Clinton**

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

**Hala Darwish**

Nurses Chapter, WAAAUB, President

**Nuhad Dumit**

Nurses Chapter

“Evidence-based Healthcare Management Unit (EHMU)” Executive Board, AUBMC,  
Member

**Huda Abu-Saad Huijer**

Board of Deans, Ex-Officio Member  
AUB Strategic Planning Steering Committee, Member  
Expanded Advisory Committees, Appointed Member  
REP Advisory Board, Member  
Nurses Chapter

**May Khoury**

Nurses Chapter

**Laila Farhood**

Nurses Chapter

**Lina Kantar**

Faculty Learning Community, AUB, Member  
Medical Education Council, AUB, Member

Center for Teaching and Learning Advisory Committee, AUB, Member  
Critical Care Education Council, AUBMC, Member

**Dina Madi**

Nurses Chapter

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

**Angela Massouh**

Nurses Chapter, Vice President  
Task Force on Heart Failure, Member

**Samar Nouredine**

Nurses Chapter

AUB Advising Committee  
AUB Task Force on the University Calendar

**National and International Committees****Nour Alayan**

Order of Nurses in Lebanon, Member  
Academy of Medical-Surgical Nurses, Member  
Sigma Theta Tau Honor Society, Lebanon Chapter, Member

**Marina Adra**

Order of Nurses in Lebanon, Member  
Armenian Relief Cross, Member  
Sigma Theta Tau Honor Society, Lebanon Chapter, Member

**Christine Weir Abbyad**

Sigma Theta Tau, Member  
Lamaze International, Member  
Southern Nursing Research Society (SNRS), Member  
Association of Women's Health, Obstetric & Neonatal Nursing (AWHONN)



**Rana Abdel Malak**

American Organization of Nurse Executive (AONE), Member  
 American Organization of Nurse Executive (AONE), International Committee  
 American Academy of Project Management (AAPM), Fellow member  
 Order of Nurses in Lebanon, Member  
 Sigma Theta Tau International, Member

**Mary Arevian**

Sigma Theta Tau International Honor Society of Nursing, Lambda PI Chapter  
 Armenian Relief Cross in Lebanon (ARCL), Beirut Branch, Member  
 Armenian Relief Cross in Lebanon (ARCL) Advisory Board, (Secretary) of the Araxi  
 Boulghourjian Socio-medical center.  
 Armenian Relief Cross in Lebanon (ARCL) Relations and Welfare Committee.  
 Chair of the Health Committee of Armenian Relief Cross in Lebanon (ARCL)

**Michael Clinton**

Research Ethics Committee of University of Manchester, Local advisor  
 College and Association of Registered Nurses of Alberta – Registered Nurse  
 Nurses Registration Board of Western Australia – Registered Nurse  
 Nurses Registration Board of Western Australia – Registered Psychiatric Nurse

**Hala Darwish**

Order of Nurses in Lebanon, Member  
 Society for Neuroscience, Member  
 Midwest Nursing Research Society, Member  
 Nursing Honor Society Sigma Theta Tau (Rho Chapter), Member  
 Michigan Nurses Association, Member  
 European Brain and Behavior Society, Member

**Nuhad Dumit**

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

**Laila Farhood**

Board of Trustees, Marjayoun National College, Member  
 Sigma Theta Tau International, Alpha Chapter, Member  
 Arab Forum for Social Sciences and Health, Member  
 APNA American Psychiatric Nursing Association, Member  
 INR International Nursing Review, Lebanon's Representative.  
 International Women's Mental Health Association, Member  
 ISTSS International Society for Traumatic Stress Studies, Member  
 APNA American Psychiatric Nurses Association, Member  
 Sigma Theta Tau Alpha chapter, member  
 Sigma Theta Tau International Nursing Honor Society, Member (AUB)  
 Order of Nurses in Lebanon, Member

**Huda Abu-Saad Huijer**

Lebanese Society for the Study of Pain (LSSP), President  
 Lebanese Cancer Society (LCS), elected Board Member  
 Pain Relief and Palliative Care Group of LCS, Member  
 Vice President, National Committee on Pain Relief and Palliative Care and Chair  
 Research Committee  
 Order of Nurses in Lebanon, Member  
 Sigma Theta Tau International Nursing Honor Society, Member  
 International Association for the Study of Pain (IASP), Member  
 IASP Special Interest Group on Pain in Children, Founding Member  
 IASP, Member of Pain Curriculum  
 IASP, Member of the Fellowships, Grants, and Awards Committee  
 IASP, Member of the Advisory Board. eNewsletter, IASP Insight  
 European Academy of Nursing Science (EANS), Fellow and Founding Member  
 American Academy of Nursing, International Fellow  
 Organizing Committee, International Breast Cancer and Nutrition (IBCN)  
 Conference to be held at AUB in 2013, Member  
 AUBMC Palliative Care Committee, Member  
 Scientific Committee, 15th World Congress on Pain, Buenos Aires, International  
 Association for the Study of Pain (IASP), Member  
 AUB HSON Honor Society, President

**Lina Kantar**

Order of Nurses in Lebanon, Member  
Pain Relief and Palliative Care Group of LCS, Member

**May Khoury**

Order of Nurses in Lebanon, Member  
Pain Relief and Palliative Care Group of LCS, Member

**Dina Madi**

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

**Angela Massouh**

Order of Nurses in Lebanon, Member  
American Association of Critical Care Nurses, Member  
Lebanese taskforce on Heart Failure at the Order of Physicians in Lebanon  
Council on Cardiovascular Nursing and Allied Professions at the European Society of Cardiology, Member.  
Heart Failure Association at the European Society of Cardiology, Member  
Sigma Theta Tau International, AUB Chapter, Member

**Samar Nouredine**

Order of Nurses in Lebanon, Member  
Sigma Theta Tau International, RhO Chapter, Member  
Midwest Nursing Research Society, Member  
American Association of Critical Care Nurses, Member  
American Heart Association, Member and International Fellow  
Science Committee, Council on Cardiovascular Nursing and Allied Health, Member  
Cardiovascular Council for Nursing and Allied Health Professionals of the European Society of Cardiology (WG24), Member

**Hera Tashjian**

Order of Nurses in Lebanon, Member  
American Association of Critical Care Nurses, Member  
Sigma Theta Tau, AUB School of Nursing, Member  
Advisory Board of Forum of Shared Governance, Member

**Lina Younan**

Order of Nurses in Lebanon, Member  
Sigma Theta Tau International, Member  
Steering Committee of Healthy City Program of Saida (Joint Municipality with WHO), Member



## VII. Regional External Programs/ Gulf Activities

HSON is involved in a number of national and regional consultancy projects coordinated by AUB's Office of Regional External Programs.

- HSON faculty offered a number of short courses to health professionals locally and internationally.
- HSON in collaboration with REP is marketing its nursing certificate programs at corporate and individual levels nationally and regionally.

## VIII. Honors, Awards, and Recognitions

- Huda Abu-Saad Huijer, Adjunct Professor, Johns Hopkins University, School of Nursing, United States, since 2006.
- Samar Nouredine, Adjunct Associate Professor, Johns Hopkins University, School of Nursing, United States, since 2006.

## IX. Conferences

- The Lebanese Society of Cardiology and the Lebanese Order of Nurses with representation from HSON (Ms. Angela Massouh, speaker; Drs. Nuhad Dumit and Samar Nouredine, moderators) hosted the First Middle Eastern International Heart Failure Conference that included international speakers renowned in the field of cardiology/heart failure in May 2012.
- MEMA Conference: A symposium on Selected Topics on Screening and Women's Health Promotion in Lebanon was organized by HSON faculty. Dr. Darwish spoke about memory; Dr. Nouredine about cardiovascular health; Mrs. Arevian on cervical screening; Dr. Farhood on risk factors and mental health; and Dr. Abbyad on preconception health.
- CME Workshops: A number of CME workshops were organized by HSON faculty namely Quality and Safety Gap: Need for Transformation in Healthcare Delivery; Seminar on Advances in Anticoagulation and Thrombosis Management; Provision of Evidence Based Nursing Care for Cardiovascular Diseases; Leadership for Outstanding Nursing Performance Program; and Healthcare Informatics.
- An Inter Professional Education (IPE) workshop was offered in March 2012; a collaborative effort between FM, HSON, and FHS and organized by Drs. Kamal Badr, Huda Huijer, and Huda Zurayk. The workshop was led by Dr. Elizabeth Tanner, consultant and IPE expert from Johns Hopkins University School of Nursing. An IPE core committee was formed to further develop IPE at AUB namely Dr. Rima Afifi (FHS), Dr. Nuhad Dumit (HSON), and Dr. Imad Abou Akl (FM). Funds were made available to the core committee to attend an IPE international conference in the United States.

## X. International Partnerships

- MOU signed with University of Maryland SON for student and faculty exchange and research collaboration.
- Current MOUs: Johns Hopkins University School of Nursing; University of Michigan School of Nursing; Villanova University, College of Nursing.

## XI. Sigma Theta Tau International (STTI) Honor Society

The AUB School of Nursing Honor Society, which was established in 2011, sponsored scholarly activities and held two inductions in 2012. Sixty members were inducted on January 27. Dr. Lotas spoke on this occasion about “Childhood Hypertension: Anatomy of a Health Disparity.” An additional 75 members were inducted on June 15 at which time Dr. Jean Watson made a presentation on, “Caring Science: Disciplinary Foundation for Nursing—Past & Present.” The society inductees included graduate and undergraduate students as well as recognized nurse leaders. The activities of the society have been well received by the membership and community at large. There is great excitement and anticipation that the society may be ready to apply for full chapter status in February 2013. The membership voted to re-elect the members of the Board of Directors as they work to expand the activities of the society and fulfill the requirements for chapter status.

## XII. HSON Newsletter



- HSON has published three issues of its newsletter; the last one was in December 2012
- The newsletter includes interviews with new faculty as well as graduating students. Student activities highlighted are: NSS projects, Research Day, awards ceremonies, and graduation celebrations. Faculty achievements include updates on research and scholarly activities, special projects, recruitment efforts, and new curricula offerings. Additional topics include the expanded use of the simulation lab and alumni happenings. We are also including short personal interest stories in this edition.

## XIII. Achieving Faculty Status for HSON

The AUB Board of Trustees Committee on Medicine and Health met at HSON on February 16, 2010 to discuss HSON's proposal to become an independent AUB Faculty. The proposal was subsequently revised to include a business plan and resubmitted. AUB administration approved a transitional period during which HSON will function autonomously:

- Huda Abu-Saad Huijer was invited to serve as an ex-officio member of the Board of Deans in June 2011.
- HSON is now processing all HSON appointments, reappointments, and promotions.
- HSON is managing its own budget and has been authorized to use any surplus monies for HSON scholarships and program development.
- HSON has developed a new organizational structure, which was approved and formally implemented in February 2012.
- HSON currently has representatives on a number of Task Forces at AUB namely advising, faculty workload, and university calendar.
- HSON has submitted a request for representation on the Board of Graduate Studies

## IX. Looking Ahead

HSON plans to launch a number of new academic programs:

- Accelerated BA/BS-BSN (second degree) will be launched in 2013. A promotional campaign using the American Association of Colleges of Nursing Centralized Application Service for Nursing Schools AACN NURSING CAS has been launched for use by students regionally and internationally.
- Postgraduate certificates in community nursing, critical care nursing, leadership and management, and nursing informatics were developed and will be launched in 2013.
- HSON is ready to launch the MSN pediatrics track as soon as a minimum of 5-6 students enroll.
- The collaborative PhD program with Johns Hopkins University is still awaiting funding.
- HSON is currently exploring the possibility of developing an interdisciplinary PhD degree program with AUB's Faculty of Medicine and Faculty of Health Sciences.
- HSON is currently exploring the possibility of launching two dual degrees namely MSN/MBA and MSN/MPH.
- The possibility of offering a generic MSN track in research is currently being explored.
- A bridging program for TS graduates in close collaboration with AUBMC will be explored as well.
- HSON has launched 4 post basic certificate programs through REP CEC and will expand on such courses based on need.
- HSON is currently exploring the possibility of offering hybrid/blended courses in Nursing Administration to prepare nurse executives.
- Summer Nursing Institute: HSON will continue to collaborate with partners in the United States and with experts in the region and in Lebanon to offer high-quality courses on special topics. These courses are open to MSN and other AUB students and to participants from Lebanon and the region.
- Student recruitment will continue to be a priority. The HSON awarded 35 merit scholarships this year and is currently working to secure additional financial support in the form of scholarships, financial aid, and bursaries for BSN students.
- More emphasis will be placed on graduate recruitment in close collaboration with AUB's Graduate Council.

- The recruitment of an endowed chair to direct HSON's Center for Nursing Research will continue to be a priority.
- Collaboration with AUBMC/Nursing Services continues to be an important priority for HSON. A number of joint appointments have already been approved.



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