



American University of Beirut
Rafic Hariri School of Nursing

Annual Report 2010-11



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Preface

The 2010-11 academic year has been an incredible year of growth for the Rafic Hariri School of Nursing (HSON) with great achievements in education, research, and service.

In education, the Commission on Collegiate Nursing Education (CCNE) Board of Commissioners determined that the AUB BSN and MSN programs continue to meet all accreditation standards. Preparations are underway for the CCNE re-accreditation site visit which will take place May 14 – 16, 2012. The BSN and MSN programs have been revised based on feedback that has been received over the last five years from student exit and satisfaction surveys as well as benchmarking exercises with nursing programs in the United States. In addition, the nursing curriculum was aligned with the new AUB General Education (GE) requirements resulting in some nursing courses being designated as GE courses. All changes were based on accreditation standards.

Despite heavy teaching loads, HSON faculty continue to be actively involved in research and other scholarly activities. A number of research projects received competitive grants from AUB and other national funding agencies. Scientific publications and scholarly presentations at national and international conferences are on the increase. Some faculty members, in close collaboration with colleagues at AUB, have been involved in national and regional research projects resulting in clinically and educationally relevant publications. Faculty development funds to support faculty working on their PhDs and the appointment of PhD-prepared faculty have contributed to a significant increase in the scholarly productivity of the faculty.

One of the highlights was the completion of a PhD dissertation at the Faculty of Engineering and Architecture which was based on collaborative work between FEA & HSON.

Joint appointments with AUBMC Nursing Services and with the Faculty of Medicine

were initiated creating more possibilities for collaboration thereby leveraging the impact and effectiveness of HSON's expertise.

Student recruitment continues to be a major priority at HSON; a large number of schools were visited and open houses for students and high school counselors were held. Merit scholarships for students were also increased this past year resulting in substantial improvements in student enrollment and retention.

Achieving an autonomous Faculty status continues to be a major strategic goal for HSON. A proposal to that effect was submitted to the AUB administration and has received support; a transitional period was granted during which HSON will function autonomously. The director was invited to serve as ex-officio member on the BOD and a new organizational structure was developed and will be implemented.

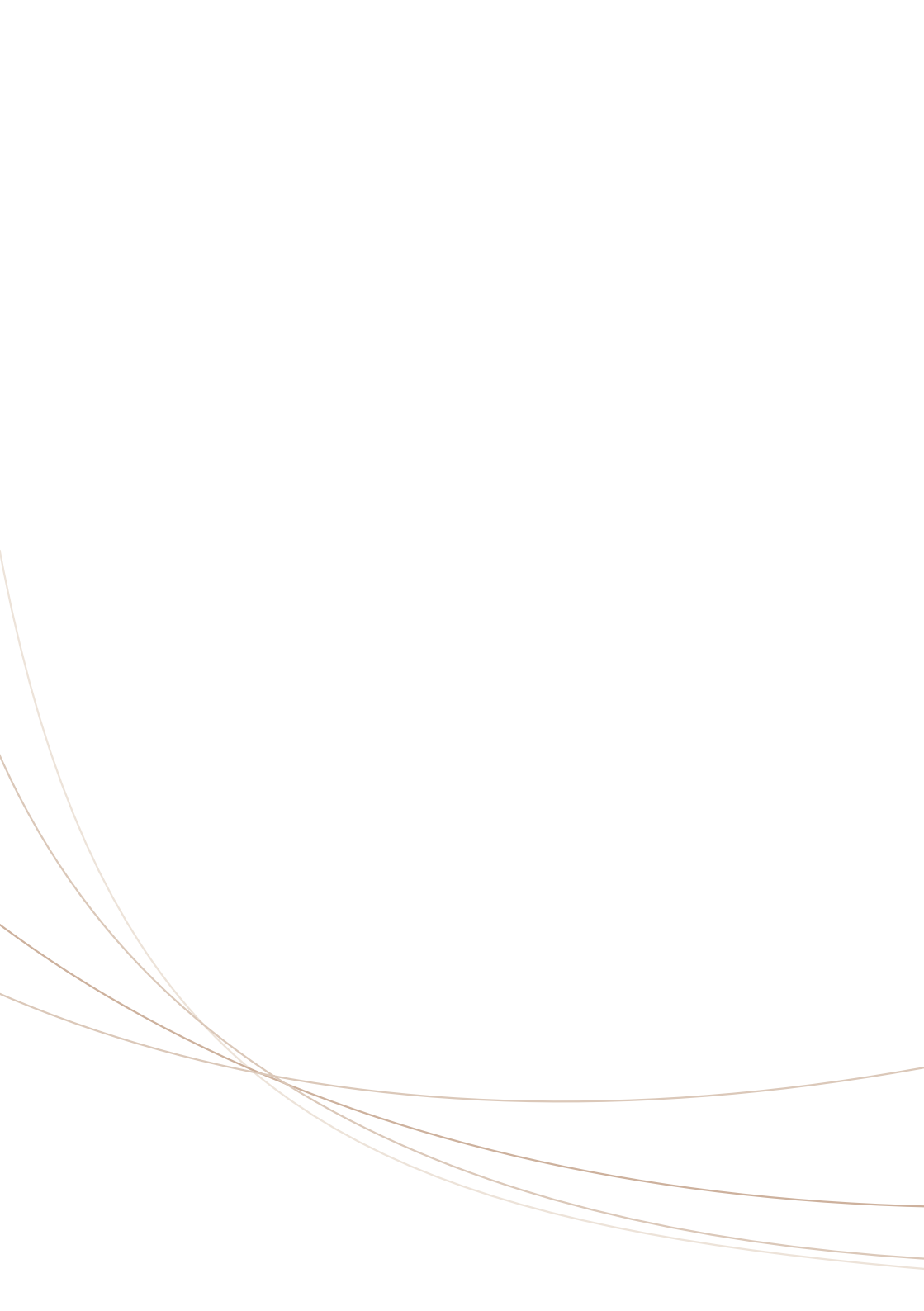
For the fifth year in a row, the HSON Summer Nursing Institute 2011 attracted a large number of students from HSON and AUB, as well as participants from Lebanon and the region. Additionally, HSON organized three conferences this past year; two during the Middle East Medical Assembly (MEMA) in May 2011. A collaborative conference between the Faculty of Medicine, the Faculty of Health Sciences, and the Hariri School of Nursing was also organized to launch the Lancet Report on Health Professionals for the 21st Century in May 2011. Inter-professional education with emphasis on institutional and instructional reforms was discussed.

Great universities and schools are more than just teaching institutions. They also strive for great innovations and path breaking research aimed at improving the world we live in. 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

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Faculty and Staff

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

Mira Abi-Saad, RN, MSN, Assistant Clinical Instructor

Marina Adra, RN, MS Physiology, Clinical Assistant Professor

Mary Arevian, RN, MPH, Clinical Associate Professor, BSN Coordinator

Michael Clinton, RN (CARNA), RGN RPN (NMBWA), PhD MSc BA (Hons.), Professor
(LOA until October 2011)

Hala Darwish, PhD, RN, Assistant Professor since February 2009

Myrna Doumit RN, PhD, MPH, Assistant Professor (until February 1, 2011)

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

Laila Farhood, RN, PhD, CS, Professor and Clinical Associate Psychiatry
Department, Faculty of Medicine

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

Dina Madi, RN, BSN, TD, MA Education, Clinical Instructor

Sana Daya Marini, RN, BS, BSN, MPH, Clinical Assistant Professor

Angela Massouh, RN, MSN, Assistant Clinical Instructor

Samar Noureddine, RN, PhD, Associate Professor, MSN Coordinator

Visiting Faculty

Jacquelyn Campbell, PhD, RN, FAAN, Professor, Anna D. Wolf Chair, John Hopkins
University School of Nursing USA

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

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

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

New Appointments

Lina Abi Fakhir Kantar, RN, EdD, Lecturer, September 2011

Debra Moser, DNSc, RN, FAAN, Visiting Scholar, September 2011

Adjunct Faculty (Continuing)

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

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

Adjunct Faculty Appointments (New)

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

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

Academic Associate Appointments (Continuing)

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

Hera Tashjian, MSN, RN, Critical Care Nurse Specialist, American University of Beirut – Medical Center

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

Academic Associate Appointments (New)

Wafa Maalouf, Nursing Director St. George Hospital

Lina Younan, Nursing Director, Labib 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 Neuroscience Institute

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

Research Assistants

Sarah Abboud, RN, MSN

Randa Farha, RN, MSN, MPH (Until August 2011)

Maha Habre, RN, BSN

Sareen Hagopian, MA, Psychology (part-time)

Knar Sagherian, RN, BSN

Nicole Strauss, BA Psychology

Walid Yassin, BS Biology (part-time)

Clinical Preceptors

Nour Alyan, RN, MSN

Rachelle Bejjani, RN

Lamia Eid, RN, MSN

Taline Gulgulian, RN, MSN

Suzy Khalife, RN, MPH

Hanadi Massalkhi, RN, MSN

Lara Neaimh, RN

Reine Nicodeme, RN

Maya Nizam, RN, MSN

Hala Richa, RN, MSN

Rima Saad, RN, MSN

Rafica Zaatari, RN, MSN

Graduate Assistants

Hana'a Abdul Salam

Racha Abu Chahine

Rayan Al-Dabbah

Maha Al-Hassan

Mohammad Baydoun

Madeleine El Hajj

Mahmoud Ghouzail

Maha Habre

Abbas Hamieh

Saja Hayek

Dana Kassem

Mohammad Kulailat

Ali Ismail Nafaa

Myrna Saadeh

Knar Sagherian

Rasha Shehadi

Sara Tbaily

Serpouhi Touriguan

Diana Wehbe

Selina Yamout

Ammar Zahreddine

Administrative Staff

Ghassan Afram, Executive Officer

Zeina Battikha Chamoun, Administrative Assistant

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

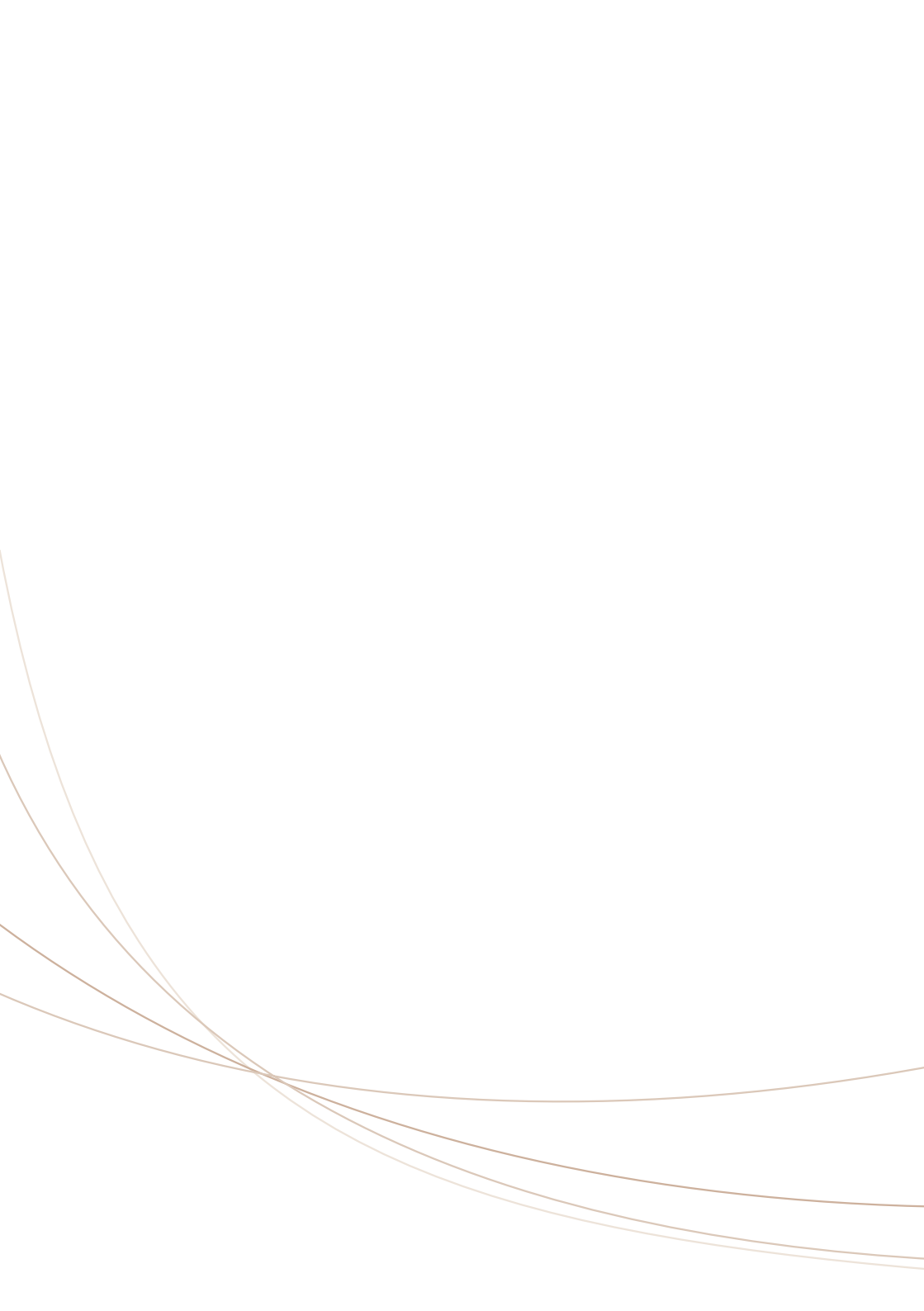
Rabih Daher, Junior Clerk

Randa Farha, Skills and Simulation Lab Coordinator (effective September 2011)

Fares Mhanna, IT Field Support Technician

Ilham Rustom, Secretary

Jeanette Zeinati, Secretary



11. Faculty Activities

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A. Teaching Assignments

Christine Weir Abbyad

- Fall.....NURS 200 - Introduction to Nursing, Theory, 2 cr., Co-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
NURS 304B - Nursing Care of the Expectant Family, Practicum, 3 cr.
- Spring.....NURS 306A - Nursing Care of Children, Theory, 1 cr., Co-coordinator
NURS 306B - Nursing Care of Children, Practicum, 3 cr.
NURS 522A - Principles and Practice of Community Health Nursing,
Theory, 1 cr., Co-coordinator
NURS 522B - Principles and Practice of Community Health Nursing,
Practicum, 1 cr., Co-coordinator
- Summer.....NURS 511X - Evidence Based Maternity Care, Theory, 1 cr., Sole
Coordinator
NURS 529D - Smoking Cessation, Theory, 1 cr.

Mira Abi Saad

- Fall.....NURS 304A - Nursing Care of the Expectant Family, Theory, 1 cr.,
Co-coordinator
NURS 304B - Nursing Care of the Expectant Family, Practicum, 6 cr.,
(2 sections)
- Spring.....NURS 201B - Introduction to Nursing Practice, Practicum. 2 cr.,
(2 sections)
NURS 306A - Nursing Care of Children, Theory, 1 cr., Co-coordinator
NURS 306B - Nursing Care of Children, Practicum, 6 cr., (2 sections)

Marina Adra

- Fall.....NURS 300A - Nursing Care of Adults I, Theory, 1.5 cr., Co-coordinator
NURS 300B - Nursing Care of Adults I, Practicum, 3 cr.
PhD Work

- Spring.....NURS 302A - Nursing Care of Adults II, Theory, 1.5 cr., Coordinator
NURS 302B - Nursing Care of Adults II, 1.5 cr., Clinical coordinator
NURS 302B - Nursing Care of Adults II, Practicum, 3 cr.
- Summer.....NURS 210 - Pathophysiology, Theory, 1 cr., Coordinator
NURS 300 - Nursing Care of Adults I, (Tutorial)
NURS 302 - Nursing Care of Adults II, (Tutorial)

Mary Arevian

- Fall.....NURS 524 - Clinical Residency in Public and Community Health Care,
4 cr., Clinical coordinator
- SpringNURS 202B - Health Assessment, Practicum1, 1 cr.
NURS 314 - Community Health Nursing, Theory and Practicum
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., Clinical coordinator
NURS 598 - Supervision of Project, 3 cr.
- Summer.....NURS 529B - Health Promotion Strategies across the Life
Span,Theory, 1 cr., Sole Coordinator

Hala Darwish

- Fall.....NURS 400A - Critical Care Nursing, Theory, 1.5 cr., Coordinator
NURS 400B - Critical Care Nursing, 1.5 cr., Clinical coordinator
NURS 406 - Nursing Research, Theory, 3 cr., Coordinator
- SpringNURS 302A - Nursing Care of Adults II, Theory, 1.5 cr., Co-coordinator
NURS 302B - Nursing Care of Adults II, Practicum, 1.5 cr.
NURS 502 - Advanced Nursing Research, Theory, 2 cr., Co-coordinator
- Summer NURS 529A - The Neurobiology of Learning and Memory: Rethinking
Patient Education, Theory, 1 cr., Coordinator
NURS 598 - Project

Myrna Doumit

Fall.....NURS 300A - Nursing Care of Adults I, Theory, 1.5 cr., Coordinator
NURS 300B - Nursing Care of Adults I, 1.5 cr. Clinical coordinator
NURS 300B - Nursing Care of Adults I, Practicum1, 1.5 cr.
NURS 500 - Nursing Theory, Theory, 2 cr., Coordinator

Nuhad Dumit

Fall.....NURS 200 - Introduction to Nursing, Theory, 1 cr., Coordinator
NURS 507 - Role Development in Nursing Administration, Theory,
2 cr., Coordinator
NURS 525 - Theory, 3 cr., Coordinator
Spring.....NURS 410A - Leadership and Management in Nursing, Theory, 3 cr.,
Coordinator
NURS 410B - Leadership and Management in Nursing, Practicum,
1.5, Coordinator
NURS 509 - Role Development in Nursing Education, Theory, 3 cr.,
Coordinator
NURS 520- Managing Quality with Teams, 3 cr., Coordinator
Summer NURS 508 - Advanced Practice in Nursing Administration
NURS 511Y - Micro-Teaching, Theory, 1 cr., Coordinator
NURS 527 - Developing Health Services Programs, Theory, 3 cr.,
Coordinator
NURS 598 - Project

Laila F. Farhood

Fall.....NURS 402 - Mental Health and Psychiatric Nursing, Theory, 1.5 cr.,
Coordinator
NURS 501 - Foundations of Advanced Nursing Practice, Theory,
3 cr.,Coordinator
NURS 517A - Theory, 1 cr., Coordinator
NURS 517B - Practicum, 2 cr., Coordinator
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, Practicum, 4 cr., Coordinator

Huda Abu-Saad Huijjer

Fall.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator

Spring.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator

Summer.....NURS 508 - Advanced Practice in Nursing Administration, Practicum, 4 cr., Coordinator

NURS 598 - Project

NURS 599 - Thesis

May Khoury

Fall.....MACHS secondment

Spring.....NURS 306 Nursing Care of Children, 3 cr., Coordinator
NURS 306 Nursing Care of Children, 3 cr., Practicum

Summer.....NURS 202 Health Assessment, 2 cr., Practicum

Dina Madi

Fall.....NURS 304A - Nursing Care of the Expectant Family, Theory, 1 cr., Co-coordinator

NURS 304B - Nursing Care of the Expectant Family, Practicum, 3 cr.

NURS 304B - Nursing Care of the Expectant Family, Practicum1, 1.5 cr.

Spring.....NURS 201B - Introduction to Nursing Practice, Practicum, 1 cr.
NURS 202B - Health Assessment, Practicum, 1 cr.
NURS 306A - Nursing Care of Children, Theory, 1 cr., Coordinator
NURS 306B - Nursing Care of Children, Practicum, 3 cr.
NURS 306B - Nursing Care of Children, 1.5 cr., Clinical Coordinator
Summer.....Teaching free summer

Dina Madi

Fall.....NURS 304B - Nursing Care of the Expectant Family, Practicum, 6 cr.,
(2 sections)
PhD work
SpringNURS 202A - Health Assessment Course, Practicum, 1 cr.
NURS 202B - Health Assessment Course, Clinical, 1 cr., Coordinator
NURS 306B - Nursing Care of Children, Practicum, 3 cr.
Summer.....Teaching free summer; PhD work

Sana D. Marini

Fall.....NURS 400B - Critical Care Nursing, Practicum, 3 cr.
NURS 404 - Nursing Informatics, Theory, 2 cr., Coordinator
Spring.....NURS 201A - Introduction to Nursing Practice, Theory, 1 cr.,
Coordinator
NURS 201B - Introduction to Nursing Practice, Practicum, 1 cr.
NURS 302B - Nursing Care of Adults II, Practicum, 3 cr.
Summer.....NURS 311V - Nursing Care of Adults, Theory and Practicum, 1 cr.
NURS 511A - Nursing Informatics, Theory, 1 cr., Coordinator

Angela Massouh

Fall.....NURS 300B - Medical Surgical Nursing, Practicum, 3 cr.
NURS 400A - Critical Care Nursing Practicum, Theory, 1.5 cr., Co-
ordinator
NURS 400B - Critical Care Nursing, Practicum, 3 cr.
Spring.....NURS 302B - Medical Surgical Nursing II, Practicum, 6 cr.,
(2 sections)

NURS 410B - Leadership and Management, Practicum1, 1.5 cr.
Summer NURS 210 - Pathophysiology, Theory, 1 cr., Co-coordinator
NURS 311V - Nursing Care of Adults, Theory and Practicum, 1 cr., Co-coordinator

Samar Nouredine

Fall.....NURS 503A - Advanced Health Assessment, Theory, 2 cr., Coordinator
NURS 503B - Advanced Health Assessment, Clinical, 1 cr., Coordinator
NURS 504 - Advanced Pathophysiology, Theory, 3 cr., Coordinator
NURS 506 - Advanced Practice in Adult Care II, Practicum, 4 cr.,
Coordinator
NURS 598 - Project
Spring.....NURS 502 - Advanced Nursing Research, Theory, 2 cr., Coordinator
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 598 - Project
Summer..... NURS 506 - Advanced Practice in Adult Care II, Practicum, 4 Cr.,
Coordinator
NURS 528 - 2 cr., Coordinator
NURS 598 - Project
NURS 599 - Thesis

B. Summer Nursing Institute / Special Topics Courses

For the fifth year in a row, HSON organized a Summer Nursing Institute in collaboration with the Johns Hopkins University and University of San Francisco Schools of Nursing. During the institute, nursing faculty teach courses that are of interest to our students and to others in Lebanon and the region. We provide below a description of the courses and the names of the teaching faculty.

Nursing Informatics

June 20 – 24

Description: This Nursing Informatics course uses a combination of nursing science, computer science, and information analysis approaches as they pertain to identifying, gathering, processing, and managing information. Emphasis is placed on technology-based health applications which support clinical, administrative, research, and educational decision making enhancing the efficacy of nursing practice.

Sana Marini, RN, MPH

Clinical Assistant Professor, Hariri School of Nursing, AUB

Health Promotion Strategies across the Life Span

June 27 – July 1

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 life span. 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, Hariri School of Nursing, AUB

The Neurobiology of Learning and Memory; Rethinking Patient Education!

July 4 – 8

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 for patient education.

Hala Darwish, RN, PhD

Assistant Professor, Hariri School of Nursing, AUB

Evidence-based Practice in Maternity Care

June 10 – 15

Description: This course reviews the evidence-based nursing practices of the antepartum, intrapartum, postpartum, breastfeeding, and newborn client. Case studies, multimedia, and webinars from professional organizations are used to enhance class discussion.

Christine Weir Abbyad, PhD, RN, WHNP

Clinical Assistant Professor, Hariri School of Nursing, AUB

Clinical Evaluation

July 18 – 22

Description: Learning the culture and the skills of nursing requires a commitment to pedagogy that includes ways of evaluating what and how novices learn. Attention is given to traditional and emerging strategies, across nursing and other disciplines that can benefit both the learning and the teaching environment.

Judith Lambton, EdD, MSN, RN

Professor, University of San Francisco, California

Budgeting in Nursing

July 25 – 29

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, and productive and unproductive time. In addition, tools for calculating and evaluating budgets as well as strategies for maintaining a balanced budget are also discussed.

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

International Consultant

Smoking Cessation

August 1 – 5

Description: Many people wish to change their behavior or that of other individuals or groups of people. This course presents smoking cessation as an example of a behavior modification program. Included is 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, Hariri School of Nursing, AUB

Domestic Violence against Women/Family Violence

August 8 – 12

Description: The course focuses on the causes and extent of violence in the family, human responses to violence, the influence of culture and community on violence in the family, and nursing interventions for the problem on the primary, secondary, and tertiary prevention levels. Areas of violence in the family to be examined include child abuse, intimate partner abuse, sexual abuse, violence involving adolescent family members, abuse of elderly family members, and homicide.

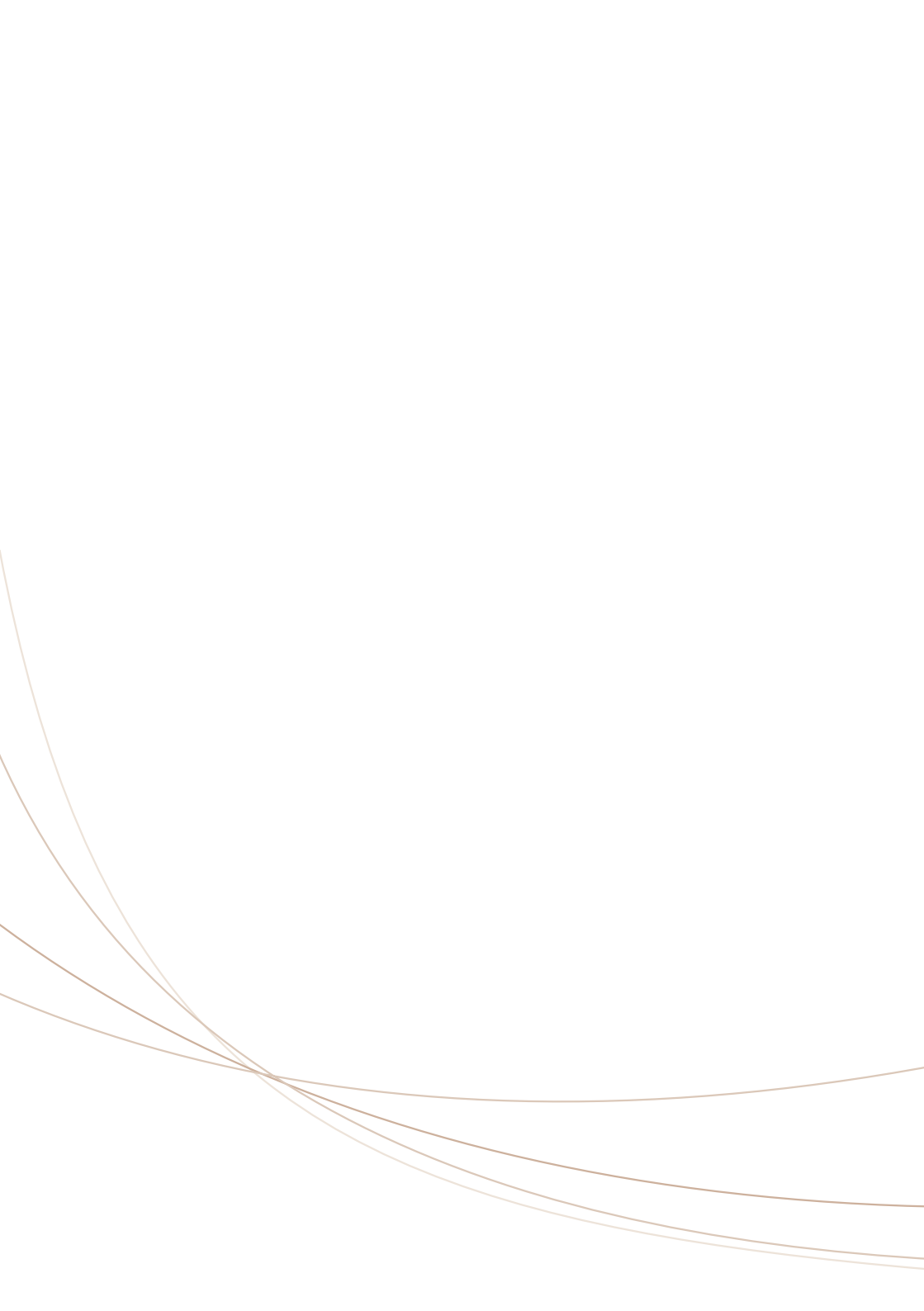
Jacquelyn Campbell, PhD, RN, FAAN
Professor, Anna D. Wolf Chair
John Hopkins University School of Nursing, USA

C. Faculty Recruitment/Appointments:

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

Appointments:

- Michael Clinton, Professor, re-appointment effective November 2011.
- Lina Kantar, Lecturer, effective September 2011.



III. Educational Activities

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A. Educational Programs

BSN

- Course and clinical evaluation methods have undergone extensive review. Clinical evaluation tools for all nursing courses were developed and are being implemented.
- Although students have consistently evaluated the nursing curriculum positively, they find it extremely demanding. Based on feedback over the last five years from student exit and satisfaction surveys as well as a benchmarking exercise with BSN programs in the United States, the BSN curriculum has been revised. Theory and clinical courses were combined and the total number of credits per combined course was reduced and aligned with international standards. A practicum was added and is offered in the summer of the third year in addition to the practicum that is offered in the fourth year.
- The nursing curriculum was aligned with AUB's General Education (GE) and other requirements; some basic science courses and nursing biostatistics course were designated as GE courses; and the Nursing Research course was accepted as a Writing Intensive course.
- Changes made in the BSN curriculum were as follows:
 - NURS 201 (Introduction to Nursing Practice) changed from 3 cr. to 2 cr.
 - NURS 300 (Nursing Care of Adults I, Theory and Practicum), 304 (Nursing Care of the Expectant Family, Theory and Practicum), 302 (Nursing Care of Adults II, Theory and Practicum), 306 (Nursing Care of Children, Theory and Practicum), 402 (Mental Health and Psychiatric Nursing, Theory and Practicum), 408 (Community Health Nursing, Theory and Practicum), and 410 (Leadership and Management in Nursing, Theory and Practicum) changed from 6 cr. to 5 cr. Nursing 400 (Critical Care Nursing, Theory and Practicum) from 6 cr. to 4 cr.
 - A clinical practicum (Practicum I) (zero credit) was added during the summer of the junior year in addition to a practicum in the spring semester of the senior year.
 - Arabic 201 was added as a GE course.

- All nursing courses are currently offered using Moodle; a few are offered in blended format.
- NURS 406 Nursing Research was designated as a Writing Intensive course.
- NURS 203 Biostatistics was designated as a GE course.
- Simulation technology was introduced and is being used in all nursing courses in preparation for clinical training.

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 introduced due to the small number of applicants.
2. The curriculum of the Nursing Administration track was revised and implemented effective fall semester AY 2011-12.
3. The minor in nursing education was developed but its introduction has been delayed pending availability of faculty expertise. Continuing students enrolled in the existing minor and were granted a certificate upon completion of the requirements from the Hariri School of Nursing.
4. The Advanced Pharmacology course (NURS 515) was offered for the first time by the Pharmacology Department, Faculty of Medicine. An agreement was made to keep the course with the Pharmacology Department and change its number to PHRM 314.
5. A number of students continue to do residencies abroad namely in Qatar (Hamad Health Care Hospital), Australia (University of Technology in Sydney), Johns Hopkins University School of Nursing and Hospitals, Vanderbilt University, University of Michigan, and University of Maryland.
6. Five MSN graduates were granted Woman's Auxiliary Association (WAA) Awards for the first time based on their academic achievements and contribution to university and community service.
7. A town meeting was held on February 23, 2011 during which residencies,

projects, and comprehensive exams were discussed and students who completed their residencies in Lebanon and abroad shared their experiences.

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. Simulation enhances learning retention and provides opportunities to contextualize professional roles and interdisciplinary team work.
- Simulation is now part of the HSON learning-teaching process. It is integrated into the curriculum of each course and program. Technical and critical thinking skills are embedded into each learning activity using high fidelity simulators or standardized patients in acting out clinical scenarios.
- The number of simulation activities doubled in 2011. In addition to nursing faculty and students, medical students and faculty from the Department of Family Medicine also use the facility. The Departments of Pediatrics and Anesthesia have expressed interest in using the facility as well. 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.

B. Student Enrollment

Student Statistics AY 2009-10 compared to 2010-11

	BSN	BSN	MSN	MSN
	2009-10	2010-11	2009-10	2010-11
Applied	199	204	55	57
Accepted	122	115	45	41
Enrolled	53	55	19	28
Yield	43%	48%	42%	68%
Total Enrollment	119	136	57	58
Female	73%	78%	79%	72%
Male	27%	22%	21%	28%
Lebanese	90%	93%	86%	97%
International	10%	7%	14%	3%
Graduates	23	23	17	19

C. Student Recruitment and Marketing Strategy

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

- HSON participated in two school fairs with the Admissions Office; Jbeil Fair and Tyr Fair. Several schools participated in each of the regional fairs. In addition, the HSON team participated in the AUB Annual Fair in April 2011.
- 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 25 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 985 high school students participated in the school visits:
 - 331 students were interested in nursing as a profession
 - 109 students were highly interested in nursing as a profession
 - 24% of the applicants to the BSN program (fall 2011-12) were from visited schools.
 - 22% of students who enrolled in the BSN program in fall 2011-12 were from visited schools.
- Future student recruitment plans to attract and retain students include:
 - Annual meetings with student counselors at HSON.
 - HSON Newsletter to be sent every semester to student counselors and interested students to keep them updated on developments at HSON.
 - Interested students to be invited to HSON to attend student-related events.
 - Annual meetings with interested students and their parents.

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
Joelle Khysho	Project	Sickness Absence Among Registered Nurses at AUBMC	Nuhad Dumit, Lina Daouk	04-Nov-11
Nisrine Kumberji	Project	Educational Package on Hemodynamic Monitoring for Novice Critical Care Nurses	Samar Nouredine, Nuhad Dumit	05-Oct-11
Fatemah Al Omer	Project	Integrated Dialysis Care in End Stage Renal Disease	Nuhad Dumit, Samar Nouredine	08-Jun-11
Tamar Avedissian	Project	Designing a Nurse Managed Community Outreach Program	Nuhad Dumit, Huda Abu-Saad Huijer	08-Jun-11
Alia El Tabsh	Project	Performance Sustainability Framework	Nuhad Dumit, Huda Abu-Saad Huijer	08-Jun-11

Name	Type	Title	Committee Members	Defense Date
Laila Kazan	Project	Diabetes Educational Program for School Personnel	Mary Arevian, Christine Abbyad	08-Jun-11
Maya Nizam	Project	Evidence Based Nursing Management Framework: Based on Two Management Initiatives	Nuhad Dumit, Huda Abu-Saad Huijer	08-Jun-11
Noyemi Kasbarian	Project	Proposed Asthma Protocol in the Emergency Department	Samar Nouredine, Hala Darwish	01-Jun-11
Ali Ismail Naffaa	Project	Comparative Evaluation of Non-Mercury Thermometers in a Hospital Setting	Huda Abu-Saad Huijer, Samar Nouredine	01-Jun-11
Solandia Saab	Project	Early Hospital Readmission Rates Following CABG Surgery and Related Factors at the AUBMC	Samar Nouredine, Nuhad Dumit	01-Jun-11
Raja Issa	Project	Evaluating Corporate Social Responsibility (CSR) in Healthcare Sector-AUBMC Case Study	Michael Clinton, Dima Jamali (OSB)	30-May-11

Name	Type	Title	Committee Members	Defense Date
Racha Abou Chahine	Project	The Impact of Change Management on Frontline Nurses	Michael Clinton, Nuhad Dumit	27-May-11
Monita Al Darazi	Thesis	360 Degree Feedback for Nurse Managers in Lebanon: a Pilot Study at AUBMC	Michael Clinton, Huda Abu-Saad Huijer, Kassem Kassak	27-May-11
Fadi Ibrahim	Project	Academic-Service Partnership: Win-Win Collaboration for the Development of Nursing in Academic Medical Centers	Michael Clinton, Huda Abu-Saad Huijer	27-May-11
Aline Akiki	Project	Educational Program for Chronic Obstructive Pulmonary Disease Patients	Samar Noureddine, Nuhad Dumit	28-Feb-11
Natalie Badaro	Project	Scoping Study for the Implementation of a Pediatric Oncology Step-Down and Intensive Care Unit at the AUBMC	Michael Clinton, Huda Abu-Saad Huijer	28-Feb-11
Rachel Hamdan	Project	Nurse-Led Cardiac Clinic for AUB Employees: Proposal and Cost Analysis	Nuhad Dumit, Samar Noureddine	28-Feb-11

Name	Type	Title	Committee Members	Defense Date
Iman Abiad	Project	A Preliminary Study to Establish Baseline Measurements of Ventilator Bundle by Implementation in the ICU	Michael Clinton, Samar Noureddine	22-Oct-10
Samar El Asmar	Project	Improving Hands-Off Communication to Enhance Patient Safety	Michael Clinton, Nuhad Dumit	22-Oct-10
Talin Gulgulian	Thesis	A Systematic Approach to Discharge Planning at AUBMC	Michael Clinton, Samar Noureddine	22-Oct-10

MSN STUDENT RESIDENCIES

Student	Site	AUB Faculty Supervisor	On-site Preceptor	Position of Preceptor	Year
Maya Abdel Rahman	University of Maryland	Samar Noureddine	Karen Kaiser	Clinical Practice Coordinator	Fall 2011- 2012
Naseem Ali	AUBMC	Samar Noureddine	Hera Tashjian	Advanced Practice nurse	Fall 2011- 2012
Madeleine El Hajj	AUBMC	Samar Noureddin	Hera Tashjian	Advanced practice nurse	Fall 2011- 2012
Elise Ghostine	Chronic Care Center	Samar Noureddine	Claude Sadek	Diabetic Nurse Educator	Fall 2011- 2012
Selina Yamout	AUBMC	Laila Farhood			Fall 2011- 2012
Hiba Deek	University of Technology at Sydney	Samar Noureddine	Patricia Davidson	Professor	Summer 2010- 2011
Maha Habre	Johns Hopkins University	Samar Noureddine	Shawna Mudd	Nurse Practitioner	Summer 2010- 2011
Rana Haddad	AUBMC	Nuhad Dumit	Khalil Rizk, Rudayna Haddad	Accreditation & Risk Management, HR	Summer 2010- 2011
Saydeh El Hamoush	AUBMC	Laila Farhood	Laila Dirani	Clinical Psychologist	Summer 2010- 2011

Student	Site	AUB Faculty Supervisor	On-site Preceptor	Position of Preceptor	Year
Jisel Jahjah	AUBMC	Nuhad Dumit	Iman Kouatly	Professional Practice Nurse Manager	Summer 2010-2011
Ema Janahi	AUBMC	Samar Noureddine	Hera Tashjian	Advanced Practice Nurse	Summer 2010-2011
Nisrine Kumberji	AUBMC	Samar Noureddine	Anthony Shamoun	Advanced Practice Nurse	Summer 2010-2011
Rasha Shehadeh	Bellevue Hospital	Laila Farhood			Summer 2010-2011
Ali Shaddad	AUBMC	Samar Noureddine	Hera Tashjian	Advanced Practice Nurse	Summer 2010-2011
Racha Abou Chahine	CHM Qatar	Dr. Huda Abu-Saad Huijer	Dr. Michael Clinton	Professor HSON, AUB	Spring 2010-2011
Maha Al Hassan	AUBMC	Nuhad Dumit	Iman Kowatly	Director Nursing Service	Spring 2010-2011
Tamar Avedissian	AUBMC	Huda Abu-Saad Huijer	Dania Baba Wazzan	Director of HR AUBMC	Spring 2010-2011
Fadi Ibrahim	AUBMC	Michael Clinton	Rana Abdel Malak	Project Manager AUBMC	Spring 2010-2011

Student	Site	AUB Faculty Supervisor	On-site Preceptor	Position of Preceptor	Year
Joelle Khysho	St. George Hospital	Nuhad Dumit	Wafa Maalouf	Director Nursing Service	Spring 2010-2011
Aline Akiki	University of Michigan	Samar Nouredine	Cynthia Arslanian Engoren	Associate Professor	Fall 2010-2011
Fatimah Al Omer	AUBMC	Nuhad Dumit	Gladys Mouro	Assistant Hospital Director for Nursing	Fall 2010-2011
Sabeth El Jamous	University of Michigan	Samar Nouredine	Cynthia Arslanian Engoren	Associate Professor	Fall 2010-2011
Rachel Hamdan	Family Medicine	Nuhad Dumit	Ghassan Hemadeh	Director, Family Medicine, AUBMC	Fall 2010-2011
Noyemi Kasbarian	AUBMC	Samar Nouredine	Hera Tashjian	Advanced Practice Nurse	Fall 2010-2011
Laila Kazan	Ministry of Health, Family Medicine	Mary Arevian	Randa Hamadeh, Rita Doudakian	Primary Health Care Section. Immunization and Essential Drugs Community Nurse	Fall 2010-2011
Ali Naffah	Ministry of Environment	Huda Abu-Saad Huijer	Samar Khalil	UNDP Project Manager	Fall 2010-2011

Student	Site	AUB Faculty Supervisor	On-site Preceptor	Position of Preceptor	Year
Soulandia Saab	Vanderbilt University	Samar Noureddine	Joan King	Professor, Program Director, Acute Care Nurse, Practitioner Program	Fall 2010- 2011

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 in the 2010-11 academic year:

- **December 22, 2010** **Christmas Party**
- **February 25, 2011** **Bake Sale for a cancer patient-Baby Amir**

Amir, a one-year-old boy, diagnosed with Leukemia was fighting to live. He required urgent bone marrow transplantation in France where the donor lived. HSON's Nursing Student Society (NSS) under the guidance of the NSS advisor Ms. Dina Madi, in collaboration with the AUB Alumni Nurses' Chapter, and the help of Mr. Jad Imad Joudieh, an AUB alumnus (BBA 2007) were able to raise the funds that were needed, which were donated to the family.

- **April 8, 2011** **Donation to cancer patient-Baby Amir**

On behalf of everyone who supported the project, HSON Director Huda Abu-Saad Huijer presented the financial donation to Amir's father, in the presence of the family, the NSS advisor, and NSS cabinet.

- **April 27 and 28, 2011** **The AUB Volunteering Fair**

Nursing students participated in the AUB Volunteering fair Organized by the Center for Civic Engagement and Community Service (CCECS)

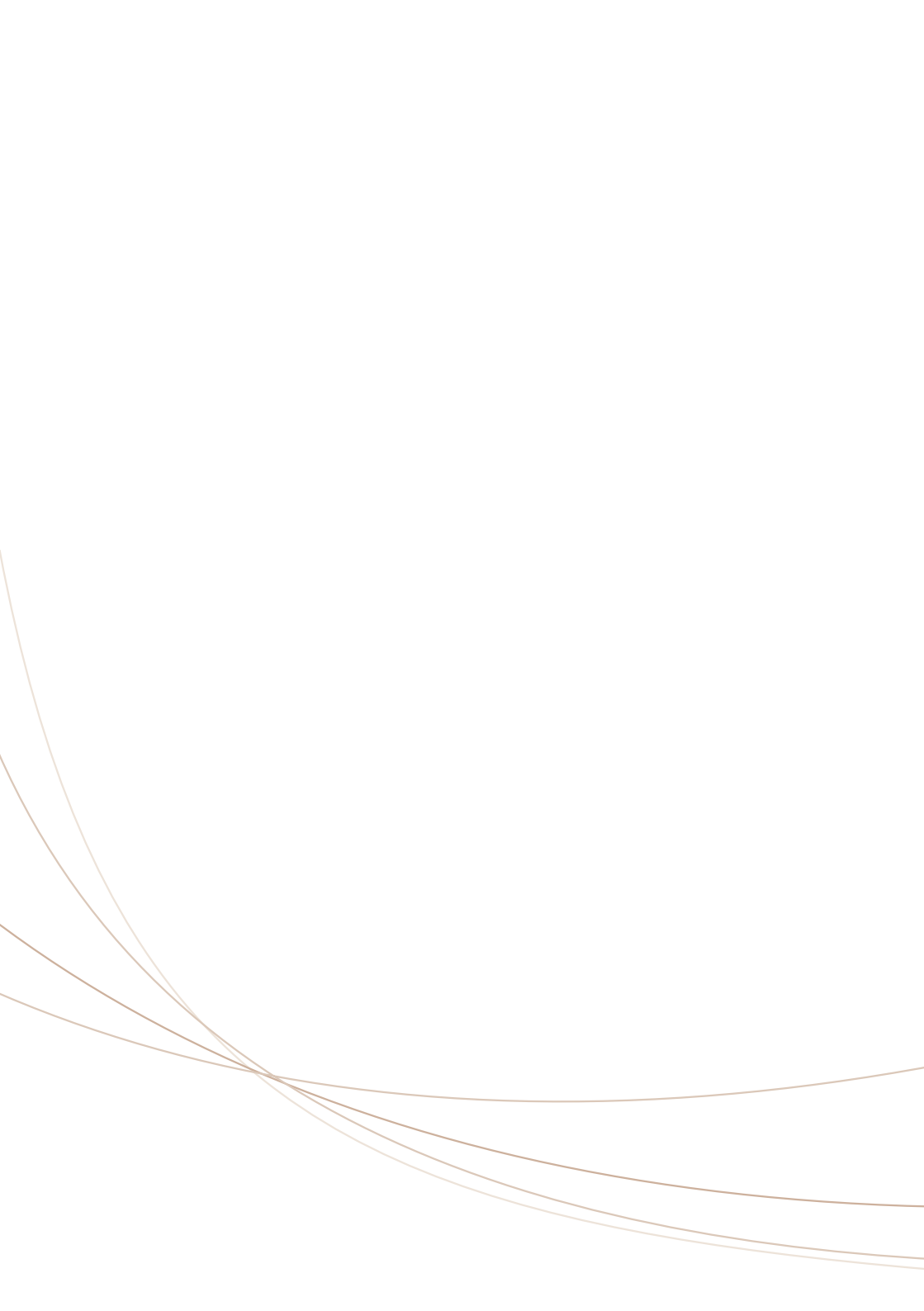
- May 21-22, 2011 AUB Outdoors

Nursing students participated in AUB Outdoors

MSN STUDENT ACTIVITIES

MSN students participated in many HSON events and were involved in 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 AUB HSON.
- AUB High School Fair: During the last two weeks of April 2011, 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

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A. CCNE Accreditation

- The CCNE Board of Commissioners approved the Continuous Improvement Progress Report submitted by HSON in November 2010 and determined in their meeting on June 23, 2011 that the AUB BSN and MSN programs continue to meet all accreditation standards.
- A Substantive Change Notification document was submitted to CCNE in September 2010 detailing the most recent curricular changes that have been made to the BSN and MSN programs.
- Preparations are underway for the CCNE re-accreditation site visit which will take place May 14-16, 2012. The self-study report is currently being prepared.

B. Strategic Planning

In line with AUB's second cycle of strategic planning (SP), HSON formed a SP team and commenced work in January 2011. A faculty retreat dedicated to strategic planning was held on April 8, 2011. A meeting with key HSON stakeholders was held and SP documents and vision were shared and discussed. The HSON Strategic Planning document was approved by the SP team and faculty and submitted in July 2011.

V. Research and Scholarly Activities

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A. Current SON Faculty Research

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: Completed

Results: 305 surveys were collected from students, faculty, and staff. The majority of respondents were in favor of a university sponsored smoking cessation program. More people smoked cigarettes (61%) than arghili (2.6%), with 26.6% smoking both cigarettes and arghilis. Fifty-six percent of survey respondents reported that they wanted to quit cigarettes; 50% wanted to quit argil. Most (61.6%) were moderately to highly motivated to quit smoking. Reasons for quitting were: health (48%), family (50%), friends (46%), expense (44%), cigarettes smell bad (42%), and to be free of cigarettes (48%). Those who had already tried quitting (50%) had tried once (20%) twice (20%), three times (7%), or more (11.5%).

Publication: Abbyad, C.W. & El Hage, M. (in press) Effects of Smoking on Fertility and Pregnancy. *Lebanese Journal of Nursing*, Accepted October, 2011.

Principal Investigator: Christine Weir Abbyad **Educational Needs of Maternity Nurses Working in Lebanese Governmental Hospitals**

The purpose of this study was to develop a curriculum using an adapted WHO tool to survey maternity nurses and midwives practicing in Lebanese governmental hospitals.

Status: Completed

Results: A WHO assessment tool was adapted to the Lebanese context and used

to survey midwifery practice in 20 governmental hospitals. The majority of midwives were found to be practicing safely but needing to update their skills according to evidence based practices. A curriculum was proposed for this purpose.

Publication: Abbyad, C.W. (in press) Birthing Practices of Maternity Nurses in Lebanese Governmental Hospitals. *Lebanese Journal of Nursing*, Accepted October, 2011.

Principal Investigator: Marina Adra
Generating a Model of Quality of Life for Older Nursing Home Residents in Lebanon: A Modified 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 to be completed March 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
Beliefs about Breast Cancer, Breast Self-Exam and Mammography among Lebanese/Armenian Women

The purpose of this study is to describe beliefs related to breast cancer and to provide

baseline data to guide the development of educational programs to promote early detection and early treatment of breast cancer.

Other researchers: Samar Nouredine

Funding: Armenian Relief Cross in Lebanon

Status: Completed

Results: Arevian, M., Nouredine, S., Abboud S (2011). Beliefs Related to Breast Cancer and Breast Cancer Screening among Lebanese Armenian Women. *Health Care for Women International*, 32, 972 - 989. DOI: 10.1080/07399332.2011.580405.

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 convenience 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%) lived with their parents. Most students earned average grades (C: 70-79). A majority of the participants (60%) 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: 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: Ongoing

Principal Investigator: Ghada El-Hajj Fuleihan **Hypovitaminosis D: A link between bone/mineral and fat/fuel metabolism.** **Cognitive sub-study**

In this collaborative study we will examine whether Vitamin D will have a significant effect on cognitive function in older adults' pre- and post-intervention. We will compare the cognitive function at baseline prior to Vitamin D supplementation (20,000 IU/week or 500 IU/day or placebo) and at 12 months after intervention.

Other researchers: Hala Darwish

Funding: Medical Practice Program (MPP)

Status: Ongoing

Principal Investigator: Ghada El Hajj Fuleihan Capacity Building in Chronic Non-Communicable Diseases at the American University of Beirut: A Programmatic Multidisciplinary Curriculum Based 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 to the certificate program mentored research experience with a faculty member and the long term training involves a Masters of Science in clinical research. This proposed institutional research training program involves the Faculty of Medicine, Hariri School of Nursing, Faculty of Health Sciences and Faculty of Agriculture 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 Noureddine, Omar Obeid, Abla Sibai.

Funding: Fogarty International Center, together with the Office of Dietary Supplements, the National Institute of Neurological Disorders and Stroke, the National Institute on Drug Abuse, the National Institute of Mental

Health, the National Institute on Aging (the *Eunice Kennedy Shriver National Institute of Child Health and Human Development and the National Institute of Environmental Health Sciences*. Grant # PAR-10-257: Chronic, Non-Communicable Diseases and Disorders across the Life Span (D 43)

Status: Under review

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-Investigator: Samia Khoury

Funding: Medical Practice Program (MPP)

Status: Under Review

Principal Investigator: Samia Khoury
Immunologic regulatory and cognitive functions in multiple sclerosis

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 patients.

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

Funding: AUBMC MS Center Research Funds

Status: Pending IRB approval

Principal Investigator: Myrna Doumit **The Experience of Lebanese Oncology Nurses Working in Inpatient Units in Lebanon**

The overall aim of the study is to explore the lived experience of Lebanese oncology nurses, and to obtain an increased understanding of the meaning and interpretation of their experiences

Other researchers: Joan Sue Lockhart, Samar Nassif, Nuhad Azoury

Status: Final writing stages

Principal Investigator: Beatrice Kalish **Missed Nursing Care at a Hospital in Lebanon**

The overall aim of the study is to determine if missed nursing care is a phenomenon in Lebanon. Other countries being studied include China, Turkey, Chili, Brazil, and Northern Ireland.

Other researchers: Beatrice Kalish, Myrna Doumit, J. El Zein

Status: Completed data collection and data analysis

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 Oryy

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 HRH 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: Ongoing

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 post 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.

Co-Investigators: Hani Dimassi

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% met threshold criteria for PTSD (using the symptom part of the Harvard Trauma Questionnaire (HTQ)) and 14.7% for moderate to severe depression (using the Beck Depression Inventory (BDI)). Over 95% 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., 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. *Social Science & Medicine*, (In review).

2. 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).
3. 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 Huijer

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 mostly treated. Inadequate symptom management was reported especially for psychological symptoms. Participants reported a satisfactory level with the quality of care.

Publications:

1. Abu-Saad Huijer, H. Doumit, M., Abboud, S., Dimassi, H. Quality of Palliative

Care; Perspective of Lebanese Patients with Cancer. *Lebanese Medical Journal*. (Accepted).

2. Abu-Saad Huijjer, H. Abboud, S. Doumit, M. Symptom Prevalence and Management of Cancer Patients in Lebanon, *Journal and Pain & Symptom Management*. (Accepted)
3. Abu-Saad Huijjer, H., Abboud, S. Health-Related Quality of Life among Breast Cancer Patients in Lebanon. *European Journal of Oncology Nursing*. (Accepted)

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, Hani Dimassi, May Khoury

Status: Ongoing

Principal Investigator: Imad El Hajj

Design and Implementation of an Autonomous Multi Sensory Intervention Device for Persons with Dementia

The purpose of this project is to develop and test an autonomous multi-sensory intervention device for persons with dementia which will assist healthcare providers in the care of patients with agitation in dementia. The technology is intended to automatically detect the onset of agitation and administer stimuli that will mitigate agitation and negative behavioural symptoms that result from undetected agitation. This is a collaborative project between the Faculty of Engineering and Architecture and the Hariri School of Nursing.

Co-Investigators: Huda Abu-Saad Huijer

Funding: University Research Board

Status: PhD successfully defended at FEA October 2011

Publications:

1. George E. Sakr*, Imad H. Elhadj, Mohamad Khaled Joujou*, Sarah Abboud*, Huda Abu-Saad Huijer. "Portable Wireless Device for Automated Agitation Detection," Book Chapter in: Watfa, Mohamed K. "E-Healthcare Systems and Wireless Communications: Current and Future Challenges," IGI Global, USA, 2012. 1-462. October 2011. doi:10.4018/978-1-61350-123-8, ISBN13: 9781613501238, ISBN10: 1613501234, EISBN13: 9781613501245
2. George E. Sakr*, Imad H. Elhadj, Huda Abu-Saad Huijer "Support Vector Machines to Define and Detect Agitation Transition," IEEE Transactions on Affective Computing, Vol. 1, No. 2, pp. 98-108, July-December 2010.
3. George E. Sakr*, Imad H. Elhadj, Huda Abu-Saad Huijer, Cheryl Riley-Doucet, Debatosh Debnath, "Subject Independent Agitation Detection," IEEE/ASME International Conference on Advanced Intelligent Mechatronics, China, July 2008.

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 Huijer and Myrna Doumit

Status: Completed submitted for publication

Results: The qualitative study followed purposeful sampling and saturation principles in which 12 parents (mother or father) of a child with cancer were interviewed. Data were analyzed following hermeneutical process as described by Diekelmann and Ironsides (1998).

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's rivalry and couple's relationship changes; living with uncertainty.

Publications: Naifeh Khoury, M. Abu-Saad Huijjer, H. Doumit, M., Lebanese parents' experience with a child with cancer. *European Journal of Oncology Nursing*. (In Review)

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 to be completed March 2012

Principal Investigator: Sana Marini **Information Technology for Medication Administration in Lebanon**

The purpose of these studies is to determine use and acceptance level of IT for medication administration in Lebanon and to determine nurses' attitudes towards the use of the Bar Coding Medication Administration system (BCMAs).

Status: Ongoing

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. Data analysis 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 researchers: Nuhad Dumit

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

Status: Ongoing. Data analysis in progress

B. Scholarly Publications

- Abbyad C., Robertson, T. (2011). African American Women's Preparation for Childbirth from the Perspective of African American Health-Care Providers. *The Journal of Perinatal Education*, 20(1), 1-9, doi: 10.1624/105812411X000000.
- Abbyad, C.W. (2011). Methodology and Methods for Studying Pregnant Black Women. *Southern Online Journal of Nursing Research*, 11 (1):http://www.resourcenter.net/images/SNRS/Files/SOJNR_articles2/Vol11Num01Art11.html
- Abbyad, C.W. Birthing Practices of Maternity Nurses in Lebanese Governmental Hospitals. *Lebanese Journal of Nursing*, Accepted October, 2011. (In Press)

- Abbyad, C.W. & El Hage, M. Effects of Smoking on Fertility and Pregnancy. *Lebanese Journal of Nursing*, Accepted October, 2011. (In Press)
- Abu-Saad Huijer, 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 Huijer, H., Abboud, S. Doumit, M. Symptom Prevalence and Management of Cancer Patients in Lebanon. *Journal of Pain and Symptom Management*, (In Press).
- Abu-Saad Huijer, H. Doumit, M., Abboud, S. Dimassi, H. (2011). Quality of Palliative Care; Perspectives of Lebanese Patients with cancer, *Lebanese Medical Journal*, (In Press).
- Abu-Saad Huijer, H. Palliative Care in Children. In Esther Chang & Amanda Johnson (Eds). *Contemporary and Innovative Practice in Palliative Care*. InTech Open Access Publisher (In Press).
- Abu-Saad Huijer, H. (2011). Pain in Children across Cultures. In Incayawar, M. & Knox, T. *Culture, Brain, & Analgesia*, Oxford University Press (In Press).
- Abu-Saad Huijer H. Foreword. In Twycross, A., Dowden, S., & Bruce, E. (Eds.) (2011). *Managing Pain in Children; a Clinical Guide*. *Wiley-Blackwell Publishing*.
- Arevian, M. Nouredine, S. Abboud S. (2011). Beliefs about Breast Cancer, Breast Self-exam and Mammography among Lebanese/Armenian Women. *Journal of Health Care for Women International*, 32:11, 972-989. DOI: 10.1080/07399332.2011.580405. Also available on: <http://dx.doi.org/10.1080/07399332.2011.580405>
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- Clinton, M. Why empiricism is not enough. *International Journal of Evidence Based Healthcare*: (In Press).
- Darwish, H. Mahmood, D.A., Schallert, T., Chopp, M. Therrien, B. Mild

- traumatic brain injury leads to spatial learning deficits. *Brain Injury*. Accepted October 2011. (In Press).
- Doumit, M. Abu-Saad Huijjer, H., Kelley, J., El Saghir, N. & Nassar, N. (2011). Coping With Breast Cancer, a phenomenological study. In Streubert, H. & Carpenter, D. R. (Eds). *Qualitative Research in Nursing: advancing the humanistic imperative*, 5th ed (pp.111-122), Lippincott Williams & Wilkins, 2011.
 - Doumit, M. Lebanon making a start in palliative care (2011). *Hospice Information Bulletin*, 8 (2); 10.
 - Doumit, M. (2011) Cancer patients support: The Lebanese experience. *Psycho-Oncology* DOI: 10.1002/pon.1869
 - El-Jardali, F., Alameddine, M., Dumit, N., Dimassi, H., Jamal, D., & Maalouf, S. (2011). Nurses' Work Environment and Intent to Leave in Lebanese Hospitals: Implications for Policy and Practice. *International Journal of Nursing Studies*, 48(2), 204-14.
 - Farhood, L.F., Dimassi, H. (2011), Prevalence and predictors for post-traumatic stress disorder, depression and general health in a population from six villages in South Lebanon. *Journal of Social Psychiatry & Psychiatric Epidemiology*. DOI 10.1007/s00127-011-0368-6
 - Kjellstrom, B., Hardig, B. M., Mahrer-Imhof, R., Moons, P., Nouredine, S., Pedersen, S., Tokem, Y., Jaarsma, T. (2011). The science committee of the CCNAP: Eager to start. *European Journal of Cardiovascular Nursing*. (In press).
 - Nouredine, S., Massouh, A., & Froelicher, E.S. Cardiac illness perceptions in a Lebanese community sample. Accepted by the *European Journal of Cardiovascular Nursing*. (In Press).
 - Saad, R., Abu-Saad Huijjer, H., Nouredine, S., Muwakkit, S., Saab, R., Abboud, MR. (2011). Bereaved Parents' Evaluation of the Quality of a Palliative Care Program in Lebanon. *Pediatric Blood & Cancer*. DOI 10.1002/pbc.23082.

- Sakr, G.E., Elhadj, I.H., Khaled Joujou, M., Abboud, S., Abu-Saad Huijjer, H. “Portable Wireless Device for Automated Agitation Detection,” Book Chapter in: Watfa, Mohamed K. “E-Healthcare Systems and Wireless Communications: Current and Future Challenges,” IGI Global, USA, 2012. 1-462. October 2011. doi:10.4018/978-1-61350-123-8, ISBN13: 9781613501238, ISBN10: 1613501234, EISBN13: 9781613501245

Research/Continuing Education Seminars

- “Cognitive Impairment and Vitamin D”, presented by Dr. Hala Darwish on June 1, 2011.
- “Neonatal pain Management Based on Evidence”, presented by Dr. Celeste Johnston on April 1, 2011
- “Assessment of Research Productivity: Current Status and Future prospects” Presented by Mrs. Bushra Rahhal on February 11, 2011.
- “The Dos and Don’ts when submitting a Proposal to IRB” presented by Dr. Samar Nouredine on January 14, 2011.
- “Coping with Breast Cancer: The Lebanese Experience”, presented by Dr. Myrna Doumit on December 17, 2010.

C. PhD Dissertations

Huda Abu-Saad Huijjer

- George Sakr, PhD dissertation. Defining Stochastic Inference to Improve Pattern Recognition (application on agitation detection in the elderly with dementia). AUB, Faculty of Engineering and Architecture. October 7, 2011. Committee member.

D. Editorial Positions

Mary Arevian

2006 Ongoing Reviewer, Journal of Interprofessional Care

- 2006 Ongoing Reviewer, Journal of Transcultural Nursing
- 2008 Ongoing Reviewer, Journal of Women's Health

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 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

Myrna Doumit

- 2006 Ongoing Reviewer, European Journal of Oncology Nursing
- 2006 Ongoing Reviewer, McMaster Online Rating of Evidence (MORE)
- 2010 Reviewer, Journal of Transcultural Nursing

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
- 2010 Ongoing Appointed by the Order of Nurses in Lebanon as a Chairperson of the Task Force on creating policy for Continuing Nursing Education

Laila Farhood

- 2006 Ongoing Member of the Editorial Board and Reviewer, Journal of Transcultural Nursing
- 2007 Ongoing Reviewer, Journal of Social Science and Medicine

- 2010 Ongoing Reviewer, Global Public Health
- 2010 Ongoing Reviewer, Journal of Traumatic Stress
- 2010 Ongoing Reviewer, Journal of Social Psychiatry and Psychiatric Epidemiology
- 2010 Ongoing Reviewer of the “Mental Disorders in the Arab World” section of the book *Public Health in the Arab World*, Nuwayhid, I., Khawaja, M., and Giacaman, R., eds., Cambridge University Press 2010.

Huda Abu-Saad Huijer

- 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

Samar Noureddine

- 2010 Ongoing Member, Editorial Board, Lebanese Journal of Nursing
- 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
- 2008 Ongoing Reviewer, American Journal of Critical Care
- 2008 Ongoing Member, Editorial Board, Journal of Transcultural Nursing

E. Scientific and Research Grant Reviews

Myrna Doumit

2010 Ongoing Review panel member for PEARSON

2010 Ongoing Abstract reviewer for the ONS 11th National Conference on Cancer Nursing Research, February 10-12, 2011, Los Angeles, California

2010 Ongoing International Society of Nurses in Cancer Care (ISNCC) Conference Management Committee

2010 Appointed as grant and abstract reviewer for Sigma Theta Tau International for a two-year term.

Laila Farhood

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

Huda Abu-Saad Huijer

2006-2011 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

2011 Reviewer for the Deanship for Research at Sultan Qaboos University

2010 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

F. Scholarly Lectures

Christine Weir Abbyad

- Poster presentation at the Contemporary Forums conference: Emerging Technologies in Nursing Education, San Francisco, California, July 2011.
- Abbyad, C. "Use of Clickers in Team Based Learning of Lebanese Nursing Students, July 2011
- Abbyad, C. "Educational Needs of Lebanese Maternity Nurses Working in Governmental Hospitals." Podium presentation at the Lebanese Nursing Order First International Conference, Beirut, Lebanon, May 2011.
- Abbyad, C. & Hajj, M. "Effects of Smoking Exposure During Pregnancy: A Literature Review." Podium presentation at the Lebanese Nursing Order First International Conference, Beirut, Lebanon, May 2011.
- Abbyad, C. "Breastfeeding Prematures." Podium presentation at the National Collaborative Perinatal Neonatal Network Regional Bi-Annual Meeting, Beirut, Lebanon, April 2011.
- Abbyad, C., Farha, R., Al Asmar, S., Khoury, M., & Abi Saad, M. "Educational Needs of Lebanese Maternity Nurses Working in Governmental Hospitals." Poster presentation at the Middle East Medical Assembly Conference, Beirut, Lebanon, April 2011.

Marina Adra

- Adra, M. Generating a model of Quality of Life for Older Nursing Home Residents in the Lebanon: Staff Members' perspectives. A Grounded theory

study. 1st International Conference by the order of Nurses in Lebanon. “Globalization and Nursing, Challenges and perspectives” May 12-14, 2011, Beirut, Lebanon.

- Adra, M. Generating a Model of Quality of Life for Older nursing Home Residents in the Lebanon: Older residents’ perspectives. A Grounded Theory Study. 8th International Qualitative Research Conference, September 6-8, 2010, Bournemouth University, Bournemouth, UK.

Hala Darwish

- Darwish, H. M. Habre, P. Zeinoun, B. Khoury. Cognitive function and Vitamin D in adults and older adults in Lebanon: A pilot study. Presented at the Lebanese Order of Nurses conference (May 2011), the Middle East Medical Association conference in Beirut, Lebanon (May, 2011) the European Brain and Behavior Society Meeting, Seville, Spain (September, 2011) and the Society for Neuroscience annual meeting, Washington DC, (November, 2011)
- Darwish, H. Cognitive Impairment and Vitamin D presentation to HSON faculty and Students, June 2011.

Nuhad Yazbik Dumit

- Dumit, N. Nursing in Underserved Areas, presented at the Western Institute of Nursing Conference, Las Vegas, April 16, 2011
- Dumit, N. Cardiac Nursing Experience in Lebanon; Recent Trends in the Care of Patients in ACS; & Family Caregivers Role in the Care of Cardiac Patients. 4th International Cardiovascular Nursing Conference, Dammam, Saudi Arabia December 7- 9, 2010 (Invited)
- Dumit, N. Invited by the World Health Organization in Geneva to participate in the “Consultation to Discuss Country Implementation of the Rapid Assessment Tool for Sexual and Reproductive Health and HIV linkages”, Geneva Switzerland, December 1-3, 2010.

Laila Farhood

- Farhood, L. Mental Health of Lebanese Older Adults in South Lebanon Following Exposure to War Traumas: Challenges and Recommendation,

presented at the Lebanese Epidemiological Association Annual Meeting, Beirut, Lebanon, November 25-26, 2011.

- Farhood, L. Risk Factors and Mental Health in Female Populations Exposed to Traumatic Events in South Lebanon. Presented at the 4th World Congress on Women's Mental Health, Madrid, Spain, March 16-20, 2011.
- Farhood, L. Assessment of psychiatric morbidity and general health in a civilian population before and after the July 2006 War in Lebanon." Presented at 8th IEA Eastern Mediterranean Regional Scientific meeting, Beirut, Lebanon November 25-27, 2010.
- Farhood, L. "Assessment of psychiatric morbidity and general health in a civilian population before and after the July 2006 War in Lebanon," poster presentation at the American Psychiatric Nurses Association 25th Annual Conference in Louisville, Kentucky, USA, October 13-16, 2010.

Huda Abu-Saad Huijer

- Huijer Abu-Saad, H. Transforming Nursing Education to meet the needs of the older adult. Centre for Studies on Aging, June 15, 2011. AUB.
- Abu-Saad, H. Instructional Reforms. Launch of the International Commission Report on Education of Health Professionals in the 21st Century. May 20, 2011. AUB.
- Huijer Abu-Saad, H. Quality of Life & Symptom Management of Cancer Patients in Lebanon. Updates on Cancer Pain and Palliative Care. MEMA May 6, 2011. AUB.
- Huijer Abu-Saad, H. Planning for Late Life Issues; Round Table, Linking Research to Policy in the Middle East Region: Family Ties and Aging. October 19-21, 2010. AUB.

May Khoury

- Naifeh Khoury, M., Abu-Saad Huijer, H., Doumit, M. Families' Experiences with Palliative Care Services of Children with Cancer in Lebanon, 41st Biennial Convention, People and Knowledge: Connecting for Global Health-Grapevine, Texas, USA, October 29 -November 2, 2011.
- Khoury, M., Abu-Saad Huijer, H., Doumit, M. Families' Experiences with

Palliative Care Services Of Children with Cancer in Lebanon, Symposium, Updates on Cancer Pain and Palliative Care; 44th MEMA, May 6, 2011. AUB.

- Khoury, M., Abu-Saad Huijjer, H., A.A. Doumit, M. Families' Experiences with Palliative Care Services of Children with Cancer in Lebanon, Poster exhibited at the 1st International Conference of the Order of Nurses in Lebanon. Globalisation and Nursing Profession: Challenges and Perspectives, May 12, 2011.

Sana Daya-Marini

- Daya-Marini, S. Organized and participated in the CME workshop on "Quality and Safety Gap: Need for Transformation in Health Care Delivery" training course. November 16-19, 2011 [coordinated the workshop with CME committee at AUB].
- Daya-Marini, S. Gave a lecture on Ehealth for public and healthcare providers at the Education Center in Abu Dhabi on October 9, 2011
- Daya-Marini, S. Presented "The BCMA Technology and the 5Rs at the point of care to decrease medication administration errors": eGeH'11 International conference. Desio/Monza eBranza-Italy July 9-11, 2011.

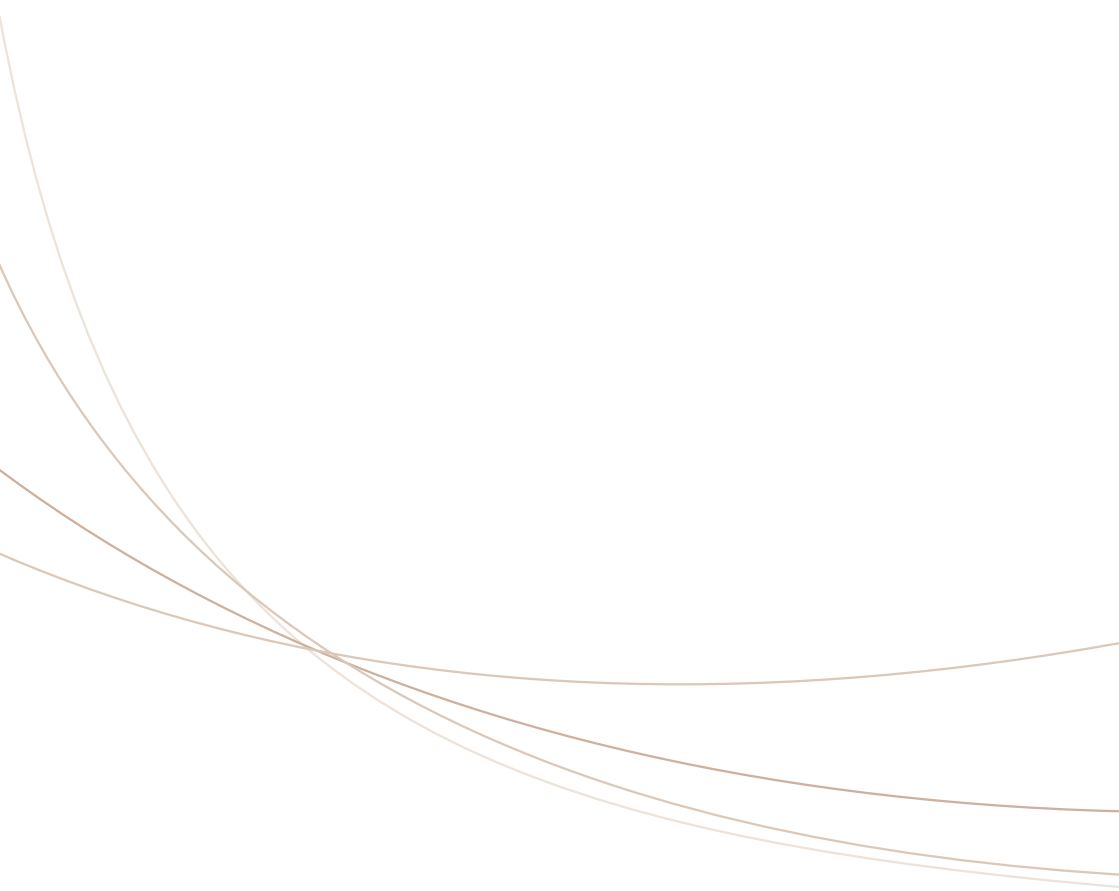
Angela Massouh

- Massouh, A. Coordinated a workshop and Presented "Latest Trends and Multidisciplinary Directives in the Management of HF" at the Lebanese Order of Nurses First International Conference on May 12-14, 2011
- Massouh, A. Presented "Heart Failure Community Outreach Program" at the 44th Middle East Medical Assembly, AUB, Lebanon. May 7, 2011.

Samar Nouredine

- Nouredine, S. Heart disease in Lebanon: Lessons learned from research. Invited plenary at the first international conference of the Order of Nurses in Lebanon, Habtoor hotel, Lebanon. May 13, 2011.
- Nouredine, S. Update on heart failure. Presentation at a workshop on heart failure at the 44th Middle East Medical Assembly, AUB, Lebanon. May 7, 2011.
- Nouredine, S. and Dumit, N. Deciding to seek health care in myocardial

infarction: The Lebanese experience. Paper presented at the conference of the Western Institute of Nursing, Las Vegas, USA. April 16, 2011.

- Noureddine, S. and Dumit, N. Decision Process to Seek Health Care in Myocardial Infarction Patients in Lebanon. Poster presented at the 11th spring annual meeting of the Cardiovascular Council of Nursing and Allied Professionals of the European Society of Cardiology in Brussels, Belgium. April 2, 2011.
 - The Dos and Don'ts when submitting a proposal for IRB review, HSON, January 14, 2011.
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VI. Professional Practice/Service

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A. Professional Practice

Christine Weir Abbyad

- AUB Smoking Cessation Program launched June 2011.
- Abbyad, C. & Khoury, P. “Train the Trainers: Breast Self-Exam.” Workshop presentation Lebanese Ministry of Health, April 16, 2011.
- AUBMC presentation, “Physical Exam in the Postpartum and Intrapartum Patient.” March 23 and 28, 2011. Beirut, Lebanon
- AUBMC Nursing Grand Rounds, “Maternal Breastfeeding Issues.” November 25, 2010

Michael Clinton

- Implementation Committee Hamad Medical Corporation Cancer Transformation Project - current.

Hala Darwish

- Darwish, H. Pre-Hospital Trauma Assessment and Pre-Hospital Head Injury Management presentations to Iraqi Pre-hospital Nurses. February, 2011.
- Darwish, H. Traumatic Brain Injury Management Presentation to Iraqi Nurses. February, 2011
- Darwish. H. Neurological overview and Multiple Sclerosis session to Iraqi Nurses. February, 2011.

Myrna Doumit

- Doumit, M. Gave a talk to Pepsi-Co employees about breast cancer as part of the national campaign on breast cancer awareness, Beirut, Lebanon, December 2010.
- Doumit, M. Gave two talks to IC and Jamhour school teachers about Breast Self-Examination (BSE) as part of national campaign on breast cancer awareness, Beirut, Lebanon, October 2010
- Doumit, M. Gave a workshop On “Train of Trainers ; BSE” for 45 nurses working in public hospitals from all over Lebanon at Beirut Governmental Hospital, September 21, 2010 organized by the Lebanese Ministry of Health, September 2010.

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.
- Reappointed to WHO Expert Advisory Panel on Nursing, 2009-11.

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.
- HSON coordinator of the Mohammad Almana’ College of Health Sciences (MACHS) Al-Khobar Saudi Arabia. Ongoing consultations as needed.
- 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, Initiative to Improve Cancer Care in the Arab World (ICCAW).
- 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 (Appointed by Minister of Health) and chair of the research committee.

May Houry

- Hariri School of Nursing representative to the National Colloquium Committee, 2011

Sana Daya Marini

- Coordinated the workshop with CME committee at AUB, Quality and Safety Gap: Need for Transformation in Health Care Delivery training course. September 14-17, 2011
- Consultant on the HIS champion committee of the AUBMC

Angela Massouh

- Presented in the Emergency Management of Trauma course for Iraqi nurses on “Cardiac Dysrhythmias” at the American University of Beirut Medical Center. February 2011.
- Presented in the Prehospital Trauma Management Course for Iraqi Nurses on “Thoracic Trauma” at the American University of Beirut Medical Center. December 2010

Samar Nouredine

- Gave two sessions to Iraqi nurses:
 - o February 9, 2011. Shock in the trauma patient, part of a course on trauma care.
 - o February 7, 2011. Assessment of the trauma patient, part of a course on trauma care.

B. HSON Committees

MSN Coordinator:

Samar Nouredine

BSN Coordinator:

Mary Arevian

RN-BSN Coordinator:

May Khoury

CE/Offshore Programs Coordinator:

Nuhad Dumit

MSN Adult Care Track Coordinator:

Samar Noureddine

MSN Psychiatry & MH Track Coordinator:

Laila Farhood

MSN Community Track Coordinator:

Mary Arevian

MSN Nursing Administration Track Coordinator:

Nuhad Dumit for 2010-11 AY and Michael Clinton for 2011-12 AY

Standing Committees

Academic and Curriculum Committee

Huda Abu-Saad Huijer (Chair or Representative)

Myrna Doumit (Designated Chair until February 2011)

Christine Abbyad

Marina Adra

Mary Arevian

May Khoury (Designated Chair-Spring and Summer 2011)

Admission and Recruitment Committee

May Khoury (Chair)

Sana Daya Marini

Dina Madi

Mira Abi Saad

Huda Abu-Saad Huijer (ex-Officio)

Advisory Committee

Huda Abu-Saad Huijer (Chair)

Mary Arevian

Laila Farhood

Samar Noureddine

Graduate Studies Committee

Samar Noureddine (Chair)

Myrna Doumit

Nuhad Dumit

Laila Farhood

Huda Abu-Saad Huijer (ex-Officio)

Gladys Mouro (invited member representing AUBMC NS)

Research and Continuing Education Committee

Laila Farhood (Chair)

Christine Abbyad

Nuhad Dumit

Samar Noureddine

Huda Abu-Saad Huijer (ex-Officio)

Hera Tashjian (invited member representing AUBMC NS)

Student Affairs Committee

Dina Madi, NSS advisor (Chair)

Sana Daya Marini, Class Advisor BSN II

May Khoury, Class advisor BSN III

Dina Madi, Class Advisor BSN IV

HSO Strategy Review Team Committee

Huda Abu-Saad Huijer (Chair)

Samar Noureddine

Ghassan Afram (Executive Officer)

HSON Task Force on Bylaws

Samar Nouredine (Chair)

Marina Adra

Hala Darwish

HSON Task Force on Organizational Structure

Michael Clinton (Chair)

Huda Abu-Saad Huijer

Nuhad Dumit

Laila Farhood

HSON Search Committee

Huda Abu-Saad Huijer (Chair)

Mary Arevian

Laila Farhood

Samar Nouredine

HSON Social Committee

Angela Massouh (Chair)

Sara Abboud

Mira Abi Saad

Randa Farha

HSON Catalogue Committee

Myrna Doumit, BSN Coordinator

May Khoury, RN-BSN coordinator

Samar Nouredine, MSN coordinator

Simulation & Clinical Competency Task Force

Hala Darwish (Chair)

Mira Abi Saad

Michael Clinton

Randa Farha

Sana Daya Marini

Angela Massouh

HSON Task Force on Scholarships and Financial Aid

Myrna Doumit (Chair)

Christine Abbyad

Huda Abu-Saad Huijer (ex-Officio)

May Khoury

Lynn Berbary Najem (Students Services Officer-SSO)

HSON Task Force on Sigma Theta Tau

Mary Arevian (Chair)

Christine Abbyad

Huda Abu-Saad Huijer

Myrna Doumit

HSON Newsletter Committee

Chris Abbyad (Chair)

Mira Abi Saad

Zeina Battikha Chamoun

Angela Massouh

Lynn Berbary Najem

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

- Commencement; Mrs. May Khoury
- Senate; Dr. Huda Abu-Saad Huijer, Dr. Laila Farhood
- University Unified Admissions Committee; Mrs. May Khoury
- University Learning Outcomes Coordinating Committee; Dr. Nuhad Dumit
- University General Education Committee; Dr. Nuhad Dumit
- New Student Orientation Program Committee; Mrs. Dina Madi & Mrs. Sana Daya Marini

- Library Committee; Mary Arevian
- Health Ethics Committee; May Khoury
- Faculty of Medicine Research Committee; Dr. Laila Farhood
- Faculty of Medicine Continuing Education Committee; Dr. Nuhad Dumit
- Faculty of Medicine Graduate Studies Committee; Samar Nouredine
- Joint Committee HSON/Nursing Services; Samar Nouredine, Nuhad Azoury, Mary Arevian
- AUBMC Nursing Services Education Council: Nuhad Dumit
- AUBMC Nursing Services APN Council: Myrna Doumit
- AUBMC Nursing Services Research Council: Samar Nouredine
- Institutional Review Board, Social and Behavioral Sciences: Samar Nouredine

Other AUB Committees

Christine Weir Abbyad

Recycling Task Force, Chair

Tobacco Control Research Group, Member

University Wellness Committee, Member

Team based learning (TBL) support group, Member

Marina Adra

Nurses' Chapter WAAAUB, Member

Clearance Officer: School of Nursing

Mary Arevian

WAAAUB, Member

Nurses' Chapter WAAAUB, Member

Michael Clinton

AUB Institutional Review Board – Biomedical, Member

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

Hala Darwish

Nurses Chapter, WAAAUB, President

Myrna Doumit

Nurses Chapter, WAAAUB, Member

Nuhad Dumit

University Learning Outcomes Coordinating Committee, Member

Center for Teaching and Learning (CTL), Advisory Committee, Member

Senate Committee on General Education, Member

Search Committee for Nursing Director, AUBMC Nursing Services, Member

FM Task Force for collaboration with King Faysal Saudi Health Research Center,
Member

Nurses Chapter, WAAAUB, Member

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

Education Council, Nursing Services, AUBMC Member

Huda Abu-Saad Huijer

Board of Deans, Ex-Officio Member

Expanded Advisory Committees, Appointed Member

Nurses Chapter, WAAAUB, Member

Task Force on Heart Failure, Member

May Khoury

Nurses Chapter, WAAAUB, Member

Laila Farhood

Worldwide Alumni Association of AUB (WAAAUB), elected Council Member

Dina Madi

Nurses Chapter, WAAAUB, Member

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

Angela Massouh

Nurses Chapter, WAAAUB, Vice President

Task Force on Heart-Failure, Member

Samar Nouredine

Institutional Review Board - Social and Behavioral Sciences, Member

Nurses Chapter, WAAAUB, Member

Consultant to JAWA project; conducted interviews with hospital and community center personnel, organized school surveys, and submitted related reports

National and International Committees

Mira Abi Saad

Order of Nurses in Lebanon, Member

American Pediatric Surgical Nurses Association (APSNA), Member

Marina Adra

Order of Nurses in Lebanon, Member

Armenian Relief Cross, Member

Christine Weir Abbyad

Sigma Theta Tau, Member

Lamaze International, Member

Association of Women's Health Obstetric and Neonatal Nurses Southern Nursing Research Society (SNRS), Member

American Women's Health, Obstetric & Neonatal Nursing (AWHONN)

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

Myrna Doumit

Order of Nurses in Lebanon, Member

Sigma Theta Tau International, Honor Society of Nursing. Epsilon Phi Chapter,
Duquesne, School of Nursing

Oncology Nursing Society, Member

International Society of Nurse Cancer Care, Member

National Committee on Pain Relief and Palliative Care

National committee for Breast Cancer Awareness

Nuhad Dumit

Order of Nurses in Lebanon, Member

Scientific Committee of the Order of Nurses in Lebanon, Member

Sigma Theta Tau International Alpha Kappa, chapter-at-large, Member

Self-Management in Chronic Illness Interest Group, University of Colorado Denver,
College of Nursing, Member

Western Institute of Nursing, Associate Member

“Think Positive” organization that addresses issues related to People Living with
HIV [PLHIV], Member

Laila Farhood

Board of Trustees, Marjayoun National College, Member

Arab Forum for Social Science & Health, Member

NOUR Arab Women’s Association, 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

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
Task Force on Pediatric Palliative Care in Europe, Co-Chair
European Academy of Nursing Science (EANS), Fellow and Founding Member
American Academy of Nursing, International Fellow

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

Sana Daya Marini

Order of Nurses in Lebanon, Member
IMIA-NI International Medical Informatics Association - nursing informatics

special group, Member

IMIA-NI International Medical Informatics Association, corresponding member
Capital Area Roundtable on Informatics in Nursing (CARING) Network, Member
Emergency Nurses Association (ENA), Member
EMMIT Scientific Committee, 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

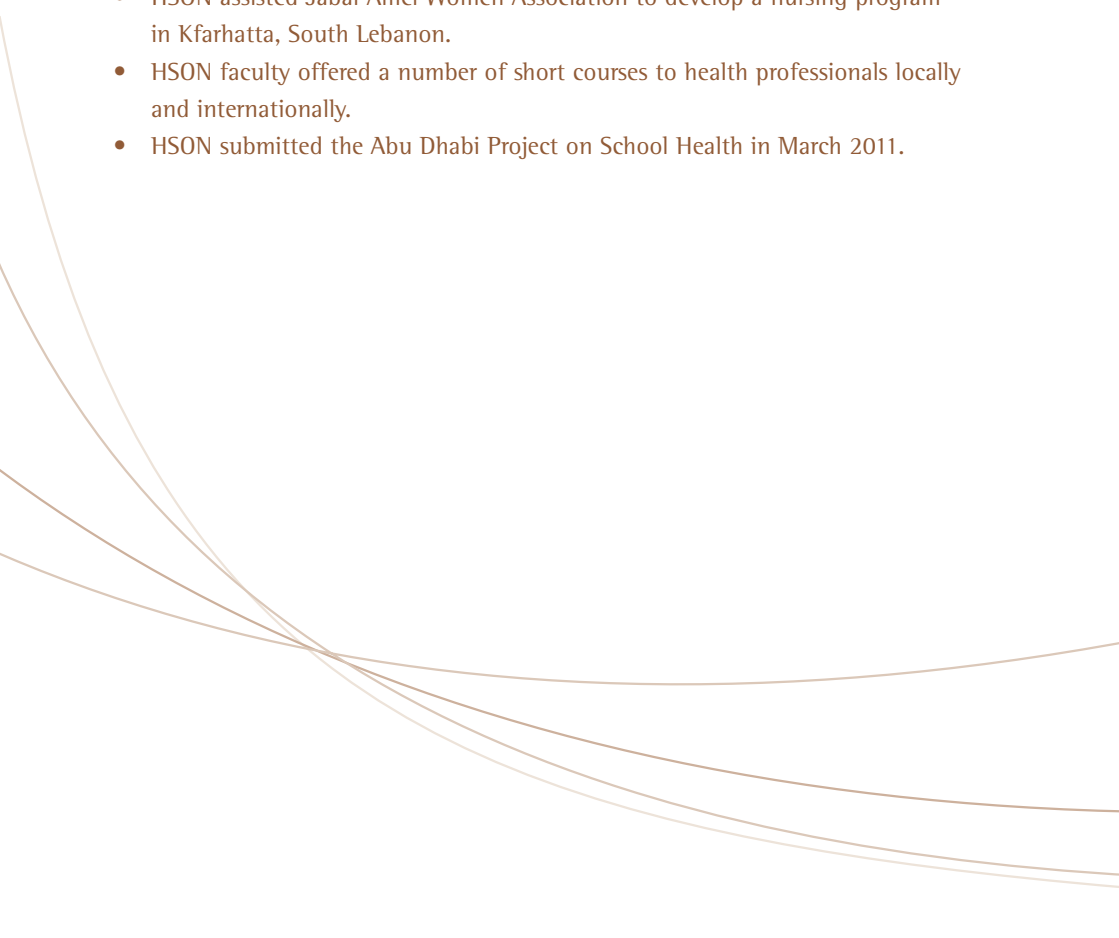
Samar Nouredine

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

VII. Regional External Programs/ Gulf Activities

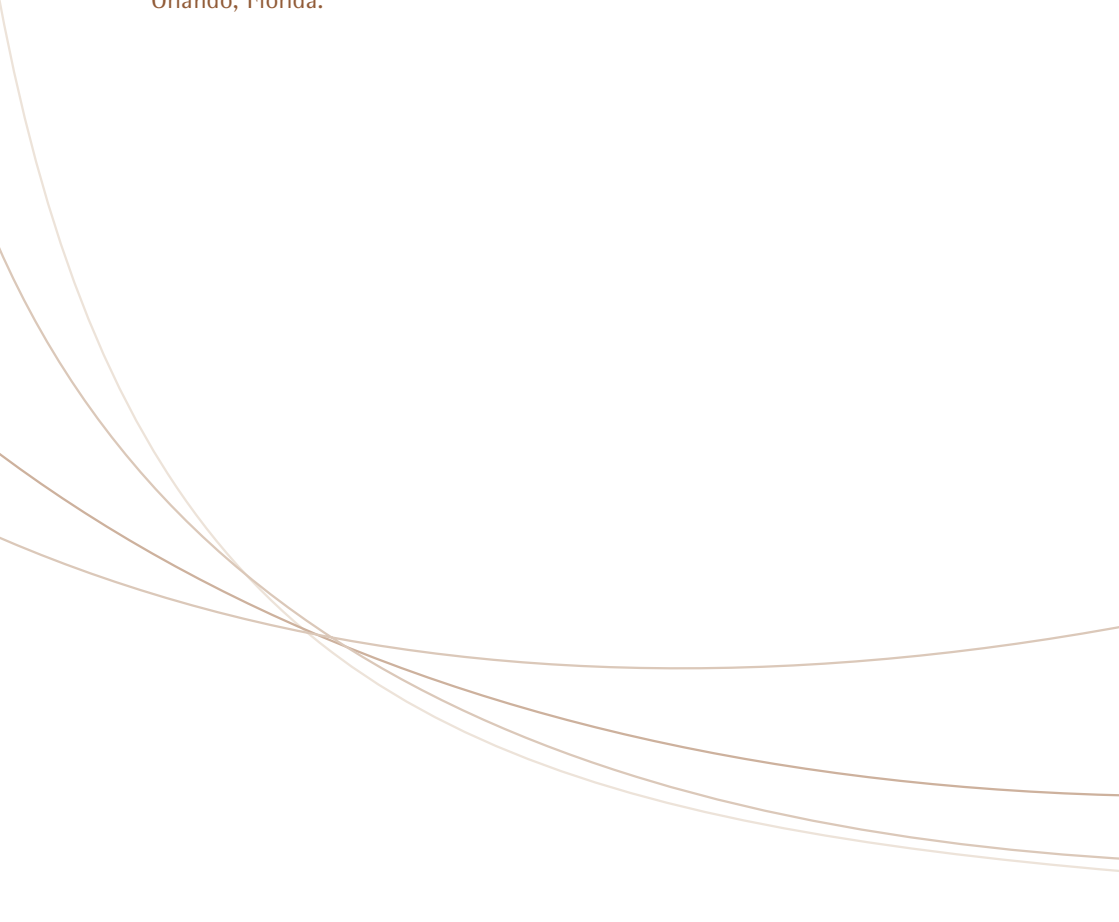
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HSON is involved in a growing number of national and regional consultancy projects coordinated by AUB's Office of Regional External Programs.

- HSON has an ongoing project with the Mohammad Almana' College of Health Sciences (MACHS) in Al-Khobar, Saudi Arabia, which includes the Divisions of Nursing, Pharmacy, and Medical Laboratory Technology. Activities include consultations on curriculum development and operational management.
 - HSON submitted a proposal to the King Faisal Specialist Hospital and Research Center in Saudi Arabia to upgrade diploma nurses to a BS degree through AUB's bridging RN-BSN program.
 - HSON assisted Jabal Amel Women Association to develop a nursing program in Kfarhatta, South Lebanon.
 - HSON faculty offered a number of short courses to health professionals locally and internationally.
 - HSON submitted the Abu Dhabi Project on School Health in March 2011.
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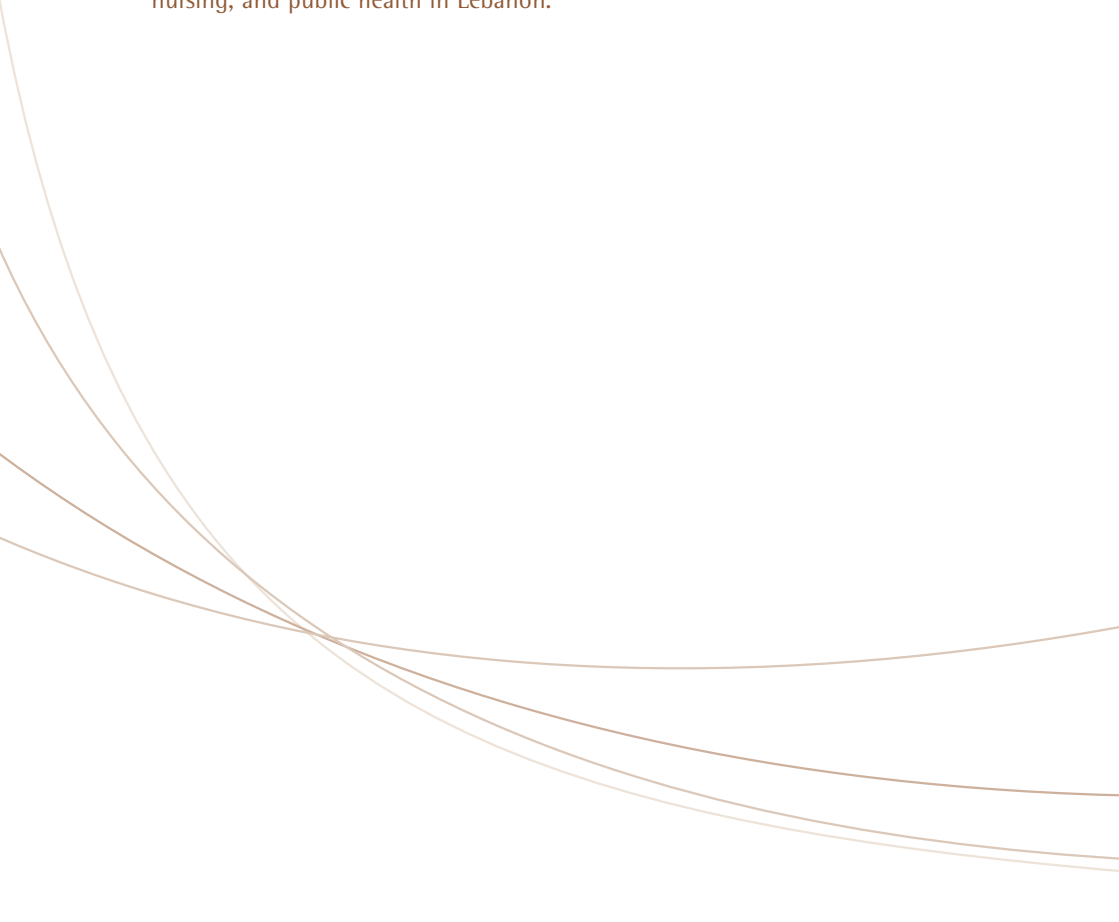
VIII. Honors, Awards, and Recognitions

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- Huda Abu-Saad Huijer, Adjunct Professor, Johns Hopkins University, School of Nursing, United States, since 2006.
 - Samar Noureddine, Adjunct Associate Professor, Johns Hopkins University, School of Nursing, United States, since 2006.
 - Huda Abu-Saad Huijer was selected as an International Fellow to the American Academy of Nursing and inducted in November 2010.
 - Huda Abu-Saad Huijer received the High Achievement Award from the AUB Alumni Nurses Chapter.
 - Dr. Samar Noureddine was inducted as International Fellow of the American Heart Association, November 15, 2011, at the Science sessions meeting in Orlando, Florida.
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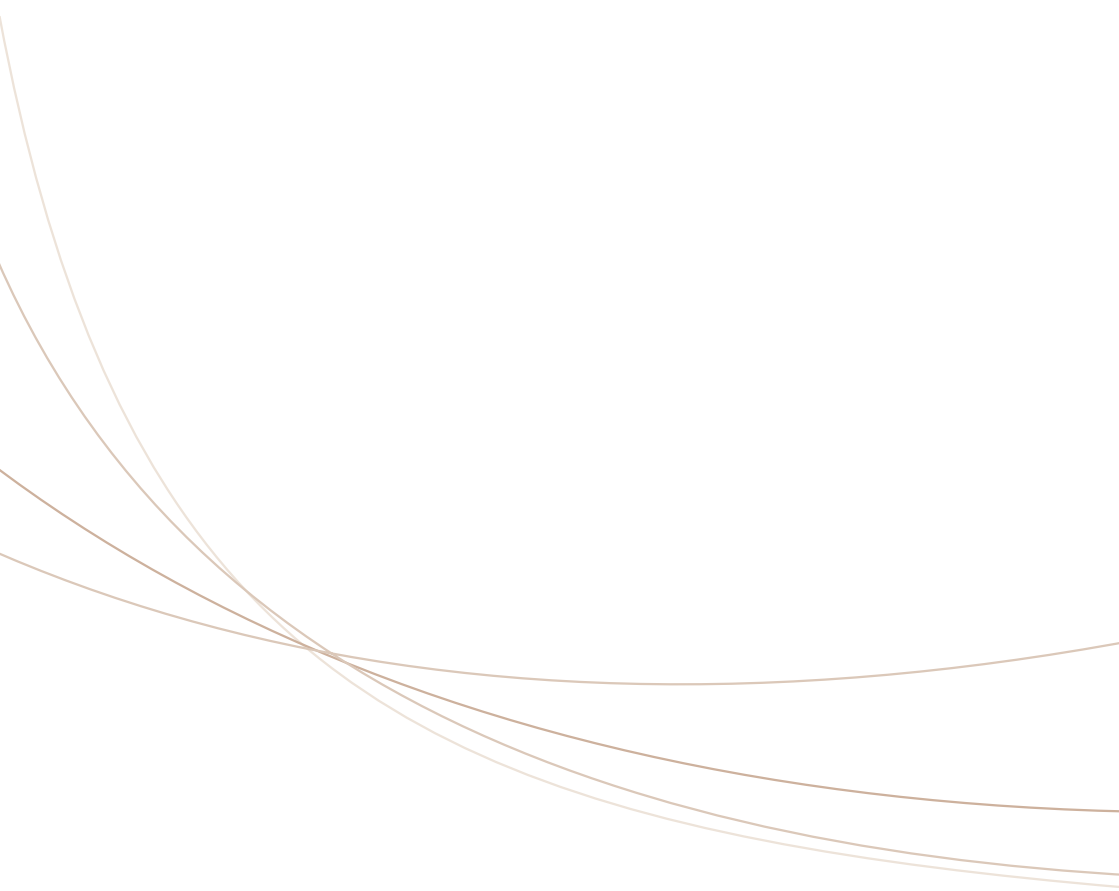
IX. Conferences

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- HSON hosted two events during MEMA: 1) Dr. Huda Abu-Saad Huijer organized a conference to launch a National Task Force on Pain Relief and Palliative Care under the presidency of Dr. Walid Ammar and vice presidencies of Drs. Huda Abu-Saad Huijer & Michel Daher; and 2) Dr. Samar Nouredine organized a workshop on Heart Failure.
 - HSON launched the Lancet Report on Health Professionals for the 21st Century on May 20, 2011 with FHS and FM. Drs. H. Zurayk, K. Badr, and H. Huijer were members of the steering committee that led discussions about inter-professional education emphasizing institutional and instructional reforms, with deans, associate deans, and key faculty from schools of medicine, nursing, and public health in Lebanon.
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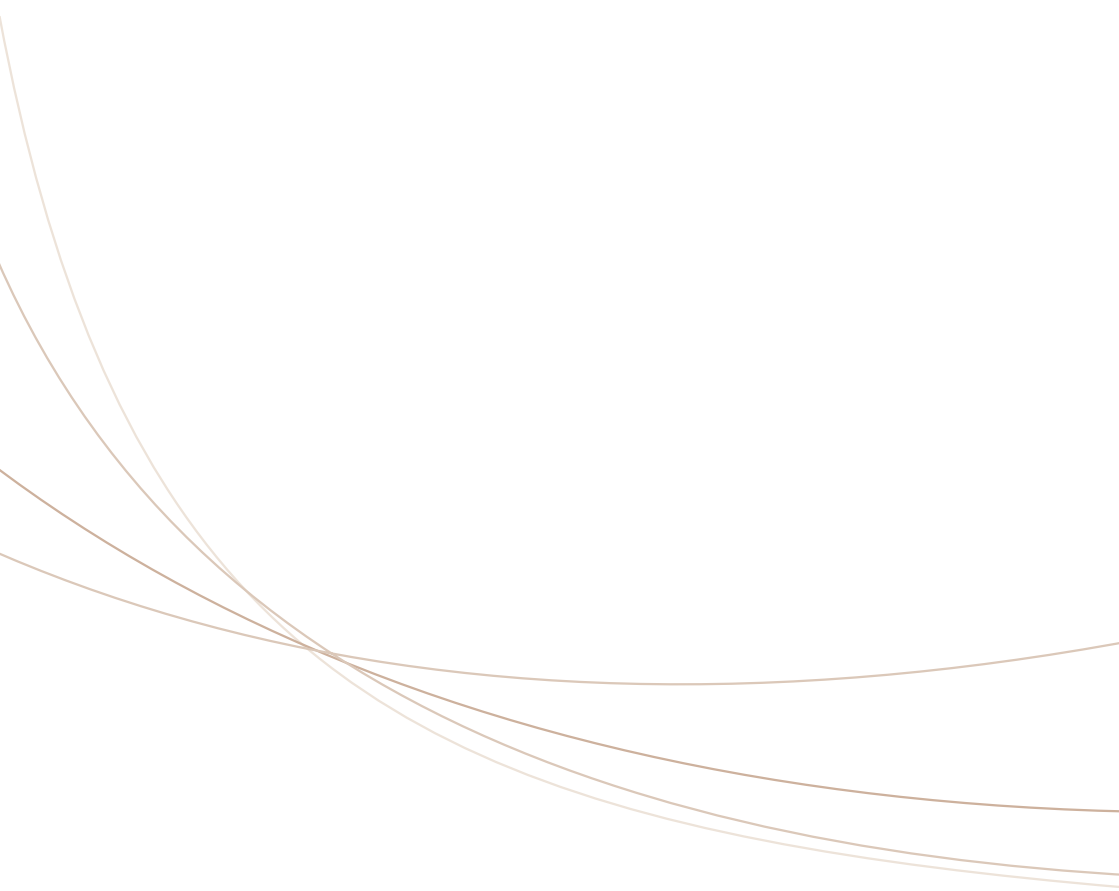
X. International Partnerships

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- HSON signed a Memorandum of Understanding (MOU) with the University of Maryland School of Nursing involving student and faculty exchange and research collaboration in May 2011.
 - HSON currently has MOUs with Johns Hopkins University School of Nursing; University of Michigan School of Nursing; and Villanova University College of Nursing.
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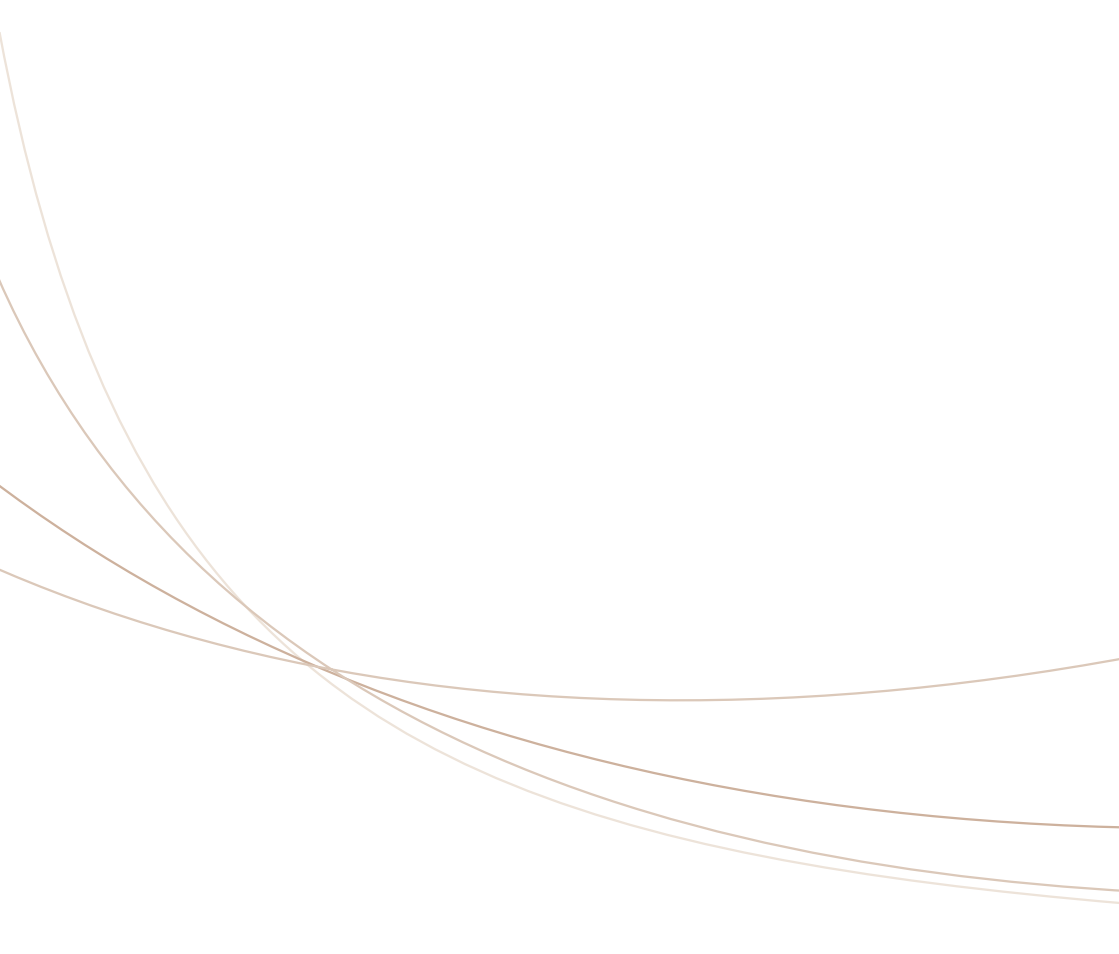
**XI. Sigma Theta Tau
International(STTI) Honor Society**

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- The School of Nursing established a Sigma Theta Tau Honor Society at AUB. It held an informational meeting in 2010, which was attended by 80 students and HSON graduates as well as nurse leaders in the country. A task force was appointed and is currently working on by-laws, membership and selection criteria, and on the first induction ceremony to the honor society, which will take place January 27, 2012.
 - The HSON and the newly established Honor Society in Nursing at AUB hosted their first scientific activity with a lecture on 'Correlates and Predictors of Residents' Quality of Life in Long Term Care Facilities in Canada' by HSON alumnus Dr. Vahe Kehyayan.
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XII. HSON Newsletter

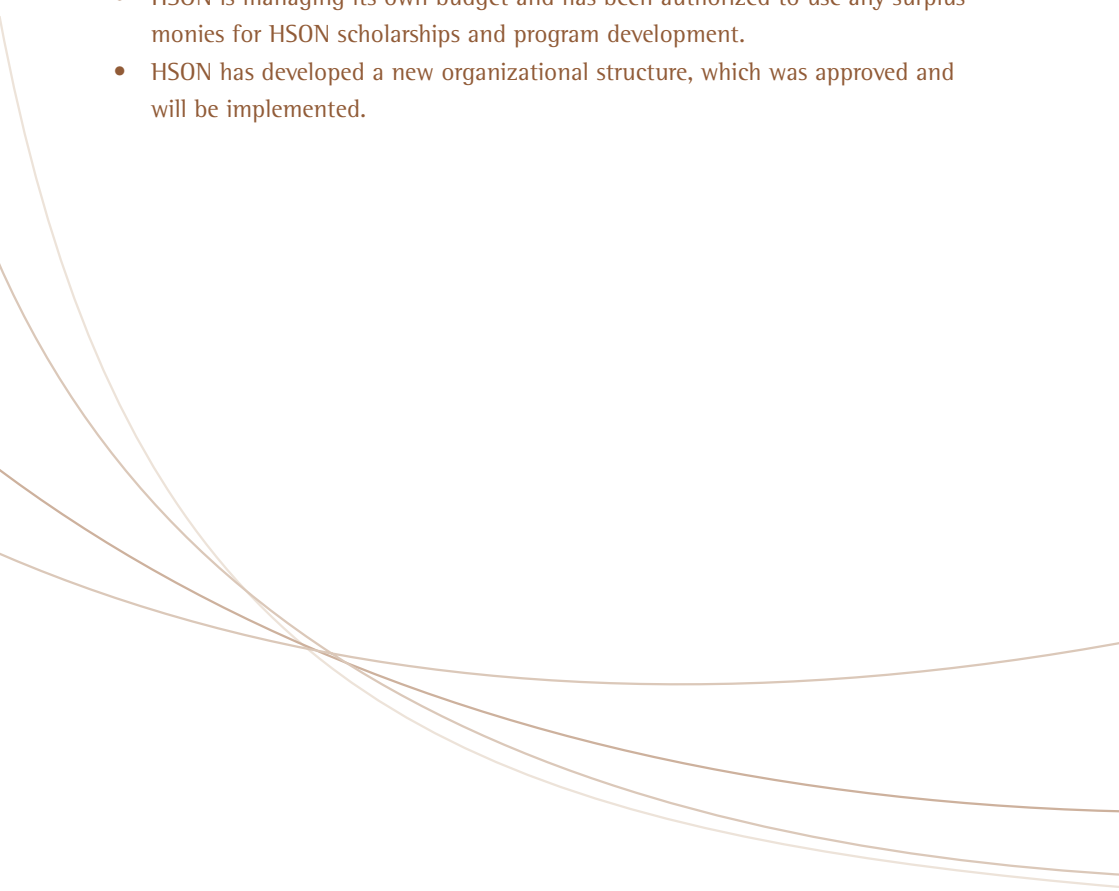
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- The HSON published the second edition of its newsletter in summer 2011.
 - The newsletter, which is led by the members of the newsletter task force and editorial board, covers a wide variety of topics of potential interest to HSON students, alumni, and the general public such as news, events, HSON achievements, introductions of new faculty and staff, innovations in education including simulation technologies, faculty research and scholarly productivity, student academic and extracurricular activities.
 - The newsletter also honors the contributions of retiring and departing HSON faculty.
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XIII. Achieving Faculty Status for HSON

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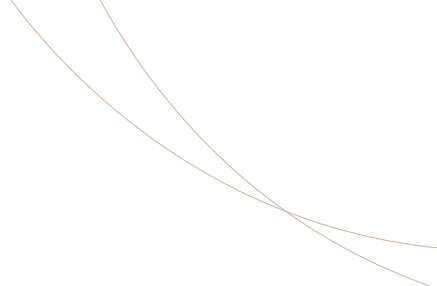
The AUB Board of Trustees Committee on Medicine and Health met at HSON on February 16, 2010 to discuss HSON's proposal to become an independent AUB faculty. The proposal was subsequently revised to include a business plan and resubmitted in DATE. On Date, the Board of Trustees approved a transitional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

- Huda Abu-Saad Huijer was invited to serve as ex-officio on the Board of Deans in June 2011.
 - HSON is now handling the processing of all HSON appointments, reappointments, & 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 will be implemented.
- 

IX. Looking Ahead



- HSON is preparing for the accreditation self-study which will be submitted in March 2012. The accreditation site visit is planned for May 2012.
- HSON plans to launch a number of new academic programs:
 - Accelerated BA/BS-BSN (second degree) will be launched if there are a sufficient number of applicants. There will be promotional campaigns in Lebanon and the region to publicize the new degree program.
 - Postgraduate certificates in community nursing, critical care nursing leadership and management, and nursing informatics were developed and will be launched in 2011-2012.
 - HSON will launch the MSN pediatrics track if there are a sufficient number of applicants. HSON is currently recruiting PhD prepared faculty with expertise in pediatric nursing.
 - 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.
- 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 our MSN students and other participants from Lebanon and the region.
- HSON plans to continue offering post-basic courses and workshops addressing clinical, research, and management issues as needed.
- Student recruitment will continue to be a priority. The HSON awarded 20 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.
- The recruitment of an endowed chair to direct HSON's Center for Nursing Research will continue to be a priority. We are hoping to work with AUBMC and the Faculty of Medicine to strengthen this effort.
- Collaboration with AUBMC/Nursing Services continues to be an important priority for HSON. A large number of joint appointments have been approved effective fall 2011.





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