



AAHCI MENA Regional Conference: “Transformation of Medical Education in the New Era”

September 27 – 29, 2018 | American University of Beirut, Lebanon

CME Program

Thursday September 27, 2018

8:00 – 9:00 Registration & Breakfast

Session 1: Chairs: Kamal Badr and Ramzi Sabra

9:00 – 9:40 **Introduction to the conference:**

Medical Education: From Galen to Google - Ramzi Sabra, Assistant Dean for Undergraduate Medical Education & Chairperson of Department of Pharmacology and Toxicology, American University of Beirut

Meeting Objectives – Kamal Badr, Professor of Medicine & Associate Dean for Medical Education, American University of Beirut

Medical Humanities and the New Curriculum

Session 2: Chairs: Lynn Eckert and Rico Franses

9:40 – 10:00 **PLENARY 1: *Medicine Is a Narrative Act*** – Rita Charon, Professor and Chair of the Department of Medical Humanities and Ethics and Professor of Medicine, Columbia University

PANEL 1: Pre-medical Requirements in Medical Humanities

10:00 – 10:15 ***Longitudinal Humanities in Premedical and Medical Education Curricula: Humane Doctors from Cradle to Grave*** – Alan Weber, Professor of English, Weill Cornell Medicine-Qatar



- 10:15 – 10:30 ***Humanities and the Pipeline: Uncovering the Hidden Curriculum of Pre-Medical Education*** – Elizabeth Gauferg, Associate Professor of Medicine and Psychiatry, Harvard Medical School, Director, Arnold P. Gold Foundation Research Institute & Cambridge Health Alliance Center for Professional Development
- 10:30 – 10:45 ***Why writers, artists, and musicians want to be doctors, and why we welcome them into medicine*** – Rita Charon, Professor and Chair of the Department of Medical Humanities and Ethics and Professor of Medicine, Columbia University
- 10:45 – 11:15 **Discussion**
- 11:15 – 11:30 ***Coffee Break***
- Session 3: Chairs:** Roseanne Khalaf and Thalia Arawi
- PANEL 2: Teaching the Principles and Practice of Narrative Medicine**
- 11:30 – 11:45 ***Learning to Look: Using Visual Thinking Strategies to Support Medical Education Goals*** – Elizabeth Gauferg, Associate Professor of Medicine and Psychiatry, Harvard Medical School, Director, Arnold P. Gold Foundation Research Institute & Cambridge Health Alliance Center for Professional Development
- 11:45 – 12:00 ***Medical Humanities in Portugal and the prospects for a new curriculum*** – Isabel Fernandes, Professor of English, School of Arts and Humanities, University of Lisbon
- 12:00 – 12:15 ***Teaching the Conceptual Foundations of Narrative Medicine*** - Rita Charon, Professor and Chair of the Department of Medical Humanities and Ethics & Professor of Medicine, Columbia University
- 12:15 – 12:30 ***Introducing Narrative Medicine to the Lebanese Medical Curriculum*** - Nancy Chedid, Assistant Professor of Anatomy, Gilbert and Rose-Marie Chagoury School of Medicine, Lebanese American University
- 12:30 – 13:00 **Discussion**
- 13:00 – 14:00 ***Lunch & Poster Viewing***
- 14:00 – 15:00 **Opening Ceremony and Reception:** AAHCI MENA Regional Conference 2018
Chair: Noha Hachache



KEYNOTE SPEECH:

***The Future of Medical Education* – Albert Sherpbier, Dean of the Faculty of Health, Medicine and Life Sciences, Maastricht University & Vice Chairman, Maastricht University Medical Center**

AI and the New Medical Curriculum

Session 4: Chairs: Bill Eley and Mode Ojaimi

15:00 – 15:20 **PLENARY 2: *The role of artificial intelligence in Personalized Medicine* – Ahmad Tarhini, Professor of Medicine, Lerner School of Medicine, Case Western Reserve University & Abbas Tarhini, Assistant Professor of Information Technology and Operations Management, Lebanese American University**

PANEL 3: Pre- clinical Years: Required Skills in The Era of AI

15:20 – 15:35 ***Preparing future doctors for AI: What new skills are needed?* – Manoj Ramachandran, Co-founder of Viz.ai, an artificial intelligence start-up in medical imaging**

15:35 – 15:50 ***The evolution of medical student competencies* – John R. Boulet, Vice President of ECFMG® and FAIMER®**

15:50 – 16:20 **Discussion**

16:30 – 18:30 **Oral Poster Presentations (Non-CME Activity)
Chairs: Sola Bahous and Khaled Tabbara**

Friday September 28, 2018

Session 5

Chairs: Rana Sharara and Mary Choukair

PANEL 4: AI, Simulation, Technology and Clinical Training

9:00 – 9:15 ***AI and Simulation in Clinical Practice: a look at the future* – Abdullah Albeyatti, Co-Founder and CEO of Medicalchain**



9:15 – 9:30 ***Meeting the Challenges: The evolving curriculum at Maastricht University*** – Albert Sherpbier, Dean of the Faculty of Health, Medicine and Life Sciences of Maastricht University and Vice Chairman, Maastricht University Medical Center

9:30 – 9:45 ***How can technology improve the assessment of medical students, residents, and practicing physicians?*** John R. Boulet, Vice President of ECFMG® and FAIMER®

9:45 – 10:15 **Discussion**

10:15-10:30 **Coffee Break**

Transformation of Medical Practice in the AI Environment

Session 6

Chairs: Ghassan Hemadeh and Mariette Awad

10:30 – 10:50 **PLENARY 3: *The Future of Medicine: Convergence of Engineering and Data Science with Clinical and Biomedical Research*** –Dimitri Azar, Senior Director, Verily Life Science & Distinguished Professor & BA Field Chair/Ophthalmology; Former Dean of Medicine, University of Illinois

PANEL 5: Advancing Care Through Decentralization

10:50 – 11:05 ***Blockchain technology and the future of medical data*** – Abdullah Albeyatti, Co-Founder and CEO of Medicalchain

11:05 – 11:20 ***Artificial intelligence in medical imaging; from concept to coalface*** – Manoj Ramachandran, Co-founder of Viz.ai, an artificial intelligence start-up in medical imaging

10:20 – 11:50 **Discussion**

Session 7

Chairs: Ramzi Alami and Myriam Curet

Panel 6: Devices, Robotics, and the Future of Surgery



- 11:50 – 12:05 **Healthcare, Augmented** – Nadine Hachach Haram, Plastic surgeon and co-founder of Proximie
- 12:05 – 12:20 **Smart accommodating lenses and AI in Ophthalmology** – Dimitri Azar, Senior Director, Verily Life Science & Distinguished Professor & BA Field Chair/Ophthalmology; Former Dean of Medicine, University of Illinois
- 12:20 – 12:35 **Technology in the service of the poor** – Ghassan Abu Sittah, Head, Division of Plastic Surgery, American University of Beirut Medical Center
- 12:35 – 13:00 **Discussion**
- 13:00 – 14:00 **Lunch & Poster Viewing**
- 14:00 – 17:00 **Concluding Symposium: Generation of a White Paper outlining a vision for creating a symbiotic synthesis of humanism and technology in shaping the future of medicine, and proposing specific recommendations for implementation.**
- Chairs:** Kamal Badr and Rita Charon
Participants: Speakers and invited academicians
Format: TBA

Saturday September 29, 2018

- 9:00 – 9:30 **SPECIAL SESSION:**
Chairs: Jamal Hoballah and Nadine Haram
- The Future of Surgery: Report from the UK Commission** – Richard Kerr, Council Member, Royal College of Surgeons and Chair of the “Commission on the Future of Surgery in the United Kingdom”
- Session 8:**
Chairs: Abdullatif Al Khal and Zeina Kanafani
Regional Challenges in Medical Education
- 9:30 – 9:50 **PLENARY 4: Defining Regional Challenges** – N. Lynn Eckhart, Director Academic Programs Partner’s HealthCare International (PHI)



- 9:50 – 10:05 ***What does the UK offer International Medical Graduates?*** – Ali Jawad, Hans Sloane Fellow and Medical Director of the Global Office, Royal College of Physicians, London
- 10:05 – 10:20 ***Accreditation of undergraduate medical education: benefits and challenges*** – John R. Boulet, Vice President of ECFMG® and FAIMER®
- 10:20 – 10:35 ***Creating a new medical school in the Gulf region after the Arab spring*** – Egon Toft, Vice President for Medical and Health Sciences & Dean of the College of Medicine, Qatar University
- 10:35 – 11:00 **Discussion**



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Thursday September 27, 2018

- 16:30 – 18:30 **Oral Abstract Presentation Session**
- 18:00 – 20:00 **"First Medical Competition: Survival of the Wittiest!"**
- 20:00 – 23:00 **Social Activity (Music and Band Performances)**

Friday September 28, 2018

- 20:00 – 22:00 **Social Activity (Dinner)**

Saturday September 29, 2018

- 11:00 – 12:30 **Regional Leadership Meeting with AAHCI (*by Invitation Only*)**
Chairs: Noha Hachach, Khalid Al-Khattan, and Elizabeth Gemoets
Agenda:
1. Recommendations from the Beirut meeting to the national meeting of the AAHC
 2. Inter-regional cooperation with AAHCI – Europe
 3. Future regional meetings of AAHCI MENA:
 - a. Themes/Focus
 - b. Location/Dates