



Regional Office  
MIDDLE EAST  
& NORTH AFRICA

**AAHCI MENA Regional Conference**  
***Transformation of Medical Education on the New Era***  
***September 27 – 29, 2018***  
***Issam Fares Lecture Hall, AUB***

**Thursday, September 27, 2018**

8:00 – 9:00 **Registration and 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 and Chairperson of Department of Pharmacology and Toxicology, American University of Beirut

**Meeting Objectives**

Kamal Badr, Professor of Medicine and Associate Dean for Medical Education, American University of Beirut

**Medical Humanities and the New Curriculum**

Session 2: Chairs: Zeinat Hijazi and Henri 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 Gaufberg, Associate Professor of Medicine and Psychiatry, Harvard Medical School, Director, Arnold P. Gold Foundation Research Institute and Cambridge Health Alliance Center for Professional Development



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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 / Q&A**

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 – 11:50 **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 and Cambridge Health Alliance Center for Professional Development

11:50 – 12:10 **Teaching the Conceptual Foundations of Narrative Medicine**

Rita Charon, Professor and Chair of the Department of Medical Humanities and Ethics and Professor of Medicine, Columbia University

12:10 – 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 / Q&A**

13:00 – 14:00

*Lunch and Poster Viewing*

14:00 – 15:00 **Opening Ceremony and Reception (Non-CME)**

**AAHCI MENA Regional Conference 2018**

Chair: Noha Hachach

**KEYNOTE SPEECH:**

**The Future of Medical Education**

Albert Sherpbier, Dean of the Faculty of Health, Medicine and Life Sciences, Maastricht University and Vice Chairman, Maastricht University Medical Center

**AI and the New Medical Curriculum**

Session 4: Chairs: Bill Eley and Mode Ojaimi



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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 and **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 / Q&A**

16:30 - 18:45 **Oral Presentations (Non-CME)**  
Chairs: Nancy Lynn Eckhert and Khaled Tabbara

**Invited talk: Translational Medicine in the Era of Big Data: Hype or Real?**  
Akl Fahed, MD, MPH, Division of Cardiology and Center of Human Genomics, Massachusetts General Hospital

**Location: Hisham Jaroudi Auditorium, Hariri School of Nursing**

**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 / Q&A**



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10:15 – 10:30

*Coffee Break*

**Transformation of Medical Practice in the AI Environment**

Session 6: Chairs: Ghassan Hamadeh 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 and Distinguished Professor and 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

11:20 – 11:50

**Discussion / Q&A**

Session 7: Chairs: Ramzi Alami and Ghassan Abu Sittah

***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 and Distinguished Professor and BA Field

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 / Q&A**

13:00 – 14:00

*Lunch and Poster Viewing*



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**Round Table and Open Forum: Towards a symbiotic synthesis of humanism and technology in shaping the future of medicine.**

**Chairs: Kamal Badr and Rita Charon**

14:00 – 14:15 Why AI/technology needs the humanities and humanistic values for personalized medicine, ethical medicine, and health equity  
Rita Charon

14:15 – 14:25 What will be the limits of AI and ‘computer power’ in healthcare delivery?  
Paul Attie

14:25 – 14:35 What knowledge and skills in computer science and engineering will future physicians have to acquire to remain competent in the era of AI?  
Imad Elhadj

14:35 – 14:45 AI, Blockchain, and future technologies: The good, the bad, and the ugly of tech disruptions in Healthcare  
Lina Daouk-Oyry

**14:45 – 15:00** *Coffee Break*

15:00 – 15:30 Students and Residents’ presentations  
Malak El Sabeh, Dana Nabulsi, Basil Karam, Khalil Baddour

**15:30 – 17:00** Round Table and Open Forum:

Introduction: Vision for a symbiotic synthesis of humanism and technology:  
disrupting medicine as we know it  
Kamal Badr

Round Table Scholars: Elizabeth Gaufberg, Nancy Chedid, Thalia Arawi, Alan Weber, Nancy Lynn Eckert



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**Saturday, September 29, 2018**

9:00 – 9:30 **SPECIAL SESSION:**

Chairs: Faek Jamali and Nadine Hachach 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**

Nancy Lynn Eckhert, 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 Steen Toft, Vice President for Medical and Health Sciences and Dean of the  
College of Medicine, Qatar University

10:35 – 11:00 **Discussion / Q&A**



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**Non-CME Program**

**Thursday September 27, 2018**

- 16:30 – 18:45 **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, Albert Sherpbier, and Elizabeth Gemoets  
**Agenda:**
1. Introduction: Dr. Mohamad Sayegh, Regional Ambassador AAHC-I MENA and EVP-Dean, AUB FM and Medical Center
  2. Synopsis and messages of the conference. How AAHC and AAHC-I can promote global dialogue among academic medical centers – Bill Eley
  3. Inter-regional cooperation with AAHCI – Europe
  4. Future regional meetings of AAHCI MENA:
    - a. Themes/Focus
    - b. Location/Dates