



American University of Beirut
Suliman S. Olayan School of Business



WOMEN IN DATA SCIENCE
FEBRUARY 3, 2017
@ STANFORD UNIVERSITY

AUB Stanford Women in Data Science Conference

Conference Agenda

10:00 AM -
10:20 AM **Registration & Networking**
20 min.

10:20 AM - **AUB Stanford WiDS Welcome**
10:25 AM **Dr. Lama Moussawi-Haidar**
Associate Professor of
Management Science
AUB Ambassador of Stanford WiDS
Olayan School of Business
American University of Beirut
5 min.

10:25 AM - **AUB OSB Welcome**
10:30 AM **Dr. Steve Harvey**
Dean
Olayan School of Business
American University of Beirut
5 min.

10:30 AM - **AUB Welcome**
10:40 AM **Fadlo R. Khuri, MD**
President
American University of Beirut
10 min.

Track I

Applications of Data Science in Healthcare

Moderated by:
Chantal Farra, MD
Associate Professor
Director of Medical Genetics
Faculty of Medicine
American University of Beirut

10:40 AM - **Keynote 1**
11:05 AM **Lina M. Obeid, MD**
Dean of Research
School of Medicine
Professor of Medicine
Stony Brook University
Medical Center
Stony Brook University, USA
25 min.

11:05 AM - **Keynote 1 Q&A**
11:10 AM *5 min.*

11:10 AM - **Break**
11:15 AM *5 min.*

11:15 AM - **Tech Talk 1**
11:30 AM **Anissa Abi Dargham, MD**
Professor of Psychiatry
Vice Chair of Research
Department of Psychiatry
Stony Brook University, USA
Lecturer, Columbia University, USA
Topic: PET imaging analysis
15 min.

11:30 AM - **Ms. Tuba Islam**
11:45 AM Global Analytics Solutions Manager
SAS, UK
Topic: Building the analytical
process for applied data science
in healthcare
20 min.

11:45 AM - **Dr. Farah Naja**
12:00 PM Associate Professor
Nutritional Sciences Analytics
Faculty of Agricultural &
Food Sciences
American University of Beirut
Topic: Data analytics in health
care and dietary patterns
15 min.

12:00 PM - **TechTalk 1 Q&A**
12:15 PM *15 min.*

12:15 PM - **Lunch**
01:15 PM *60 min.*

Track II

Applications of Data Science in Technology

Moderated by:
Dr. Fatima K. Abu Salem
Associate Professor of Computer Science
Computer Science Department
American University of Beirut

01:15 PM - **Keynote 2**

01:40 PM

Dr. Ayse Basar Bener

Professor
Mechanical and Industrial
Engineering
Director, Data Science Laboratory
Academic Director of Big Data
IBM Canada Software Laboratory
Affiliated Scientist, LiKa Shing
Knowledge Institute
Ryerson University, Canada

25 min.

01:40 PM - **Keynote 2 Q&A**

01:45 PM

5 min.

01:45 PM - **Tech Talk 2**

02:00 PM

Dr. Nesreen Ghaddar

Professor of Mechanical Engineering
Qatar chair in Energy Studies
Director of the Munib and Angela
Masri Institute of Energy and
Natural Resources
Department of Mechanical
Engineering
Faculty of Engineering & Architecture
American University of Beirut

Topic: Data science and modeling
15 min.

02:00 PM - **Dr. Marriette Awad**

02:15 PM

Associate Professor
Electrical & Computer Engineering
Faculty of Engineering & Architecture
American University of Beirut

Topic: Machine learning applied to
power, computer, architecture,
health, and multimedia
15 min.

Dr. Christine Preisach

02:15 PM -

02:30 PM

Head of Data Science in IoT and
Predictive Maintenance
SAP, Germany

Topic: How to integrate data science
into IoT applications
15 min.

02:30 PM - **Dr. Rouwaida Kanj**

02:45 PM

Assistant Professor
Electrical & Computer Engineering
Faculty of Engineering &
Architecture
American University of Beirut

Topic: Importance sampling and
rare events for reliable chip design
15 min.

02:45 PM - **TechTalk 2 Q&A**

03:00 PM

15 min.

03:00 PM -

Break

03:15 PM

15 min.

Track III

Applications of Data Science in Business & Finance

Entrepreneurship Panel Moderated by:

Mrs. Fida Kanaan Kharrat

Director of Executive Education
Olayan School of Business
American University of Beirut

03:15 PM - **Entrepreneurship Panel**

04:00 PM

Ms. Fadwa Mohanna

IoT and Big Data
Co-Founder, Markelligent, UAE

Ms. Siroun Shamigian

AI and Data Analytics for Education
Co-Founder, Kamkalima, Lebanon

Ms. Priscilla Elora Sharuk

Computer and Network Security
Co-Founder, MYKI, Lebanon

Ms. Lubna Rashid

Data Analytics for Refugee
Crisis Management
The Technical University of
Berlin, Germany

45 min.

04:00 PM - **Entrepreneurship Panel Q&A**

04:15 PM

15 min.

04:15 PM -

Break

04:30 PM

15 min.

(Track III) Tech Talks

Moderated by:

Dr. Lina Daouk-Oyry

Assistant Professor in
Organizational Behavior
Director of Evidence-Based Healthcare
Management Unit
Olayan School of Business
American University of Beirut

04:30 PM - **Tech Talk 3**

04:45 PM

Dr. Nadia Massoud

Professor & Chair of Finance
Associate Dean of Research
Melbourne Business School
Melbourne, Australia

Topic: The benefits of big data for
financial intermediaries and regulators
15 min.

04:45 PM - **Dr. Ghida Ibrahim**

05:00 PM

Senior Data Scientist
Liberty Global, The Netherlands

Topic: TV programs and video
products recommendation at
Liberty Global
15 min.

05:00 PM - Co-Presenters:

05:25 PM

Ms. Rima Semaan

Data Scientist
Microsoft, Gulf

Ms. Daniela Colombo

Advanced Analytics Specialist
Microsoft, EMEA (Europe, Middle
East and Africa)

Topic: Applications of data science
in retail, aviation, banking, and
education in the MENA
25 min.

05:25 PM - **TechTalk 3 Q&A**

05:40 PM

15 min.

05:40 PM - **Closing Remarks**

05:45 PM

Dr. Lama Moussawi-Haidar

5 min.

Roundtable Discussions

(In parallel to the conference)

📍 Room 433, 4th floor
Olayan School of Business
American University of Beirut

11:10 AM - **Roundtable I**

12:10 PM

Ms. Rima Semaan

Data Scientist
Microsoft, Gulf

Dr. Sara Najem

Researcher
National Center for Remote
Sensing
National Council for Scientific
Research, Lebanon

Subject: Applications of data
science in retail, aviation,
banking, and education
in the MENA.
60 min.

02:00 PM - **Roundtable II**

03:00 PM

Ms. Priscilla Elora Sharuk

Computer and Network Security
Co-Founder, MYKI, Lebanon

Ms. Daniela Colombo

Advanced Analytics Specialist
Microsoft, EMEA

Subject: 2017 Data Privacy:
A right or a privilege?
60 min.

04:30 PM - **Roundtable III**

05:30 PM

Dr. Christine Preisach

Head of Data Science in IoT and
Predictive Maintenance
SAP, Germany

Subject: Data science in IoT:
what is different, what is not.
60 min.