

Workshop Agenda

October 28-29, 2019 (1.5 day workshop)

National Academy of Sciences

2101 Constitution Avenue

Washington, DC

Monday, October 28, 2019 Room: NAS 120	
8:15 AM	Shuttle Departure from Watergate Hotel
8:30 – 9:00 AM	Breakfast
9:00 – 9:30 AM	Welcome by Committee Chairs Hayfaa Almudhaf, Senior Advisor, Kuwait Institute for Scientific Research (KISR) Sapna Cheryan, Associate Professor of Psychology, University of Washington Opening Remarks from NASEM Leadership Jim Hinchman, Acting Executive Officer, National Academies of Sciences, Engineering, and Medicine Opening Remarks from KFAS Leadership Dr. Adnan Shihab-Eldin, Director General, Kuwait Foundation for the Advancement of Science
9:30 – 9:50 AM	Background Knowledge: Women in STEM Kuwait and the US
	Perspective from Kuwait Hayfaa Almudhaf, Senior Advisor, Kuwait Institute for Scientific Research Perspective from the US Sapna Cheryan, Associate Professor of Psychology, University of Washington
9:50 - 10:40 AM	Session 1: The challenges and barriers facing women to enter and thrive in the science, engineering, and medical professions in both the U.S. and Kuwait Session chairs: Ameenah Farhan, Kuwait University; Sapna Cheryan, University of Washington • Future Road Map for the Impact of Arab Women in STEM Fields: Challenges and Opportunities Nagwa El-Badri, Zewail University of Science & Technology, Egypt • How to Lead Female Researchers in a Masculine Community? Malak Abed, King Abdulaziz City of Science and Technology, Saudi Arabia • Narratives of women in a Man's world: a sociolinguistic case study of engineering students in Kuwait Munirah AlAjlan, Kuwait University
10:40 -10:55	Q&A and Discussion - Moderators: Nour AlSabeeh, Kuwait University; Sapna Cheryan, University of Washington

10:55-11:10	Coffee Break
	Session 1 - Continued: The challenges and barriers facing women to enter and thrive in the science, engineering, and medical professions in both the U.S. and Kuwait
11:10- 12:00	• The acquisition and consequences of the “brilliance=men” stereotype Lin Bian, Cornell University • Challenges of Black Women in the Healthcare Industry Adia Wingfield, Washington University in St. Louis • Gender and Careers: Work-Family Challenges, Choices, and Interventions Erin Kelly, Massachusetts Institute of Technology
12:00– 12:15 PM	Q&A and Discussion
12:15 – 1:15 PM	Lunch
1:15– 2:00 PM	Session 2: Evidence of effective programs, practices, and models in both countries for recruiting women in science, engineering, and medicine – Session chairs: Hayfaa Almudhaf, KISR; Sonya Smith, Howard University
	• Beacon on a Hill: From AUB to the Arab World Influencing a Region One STEM Project at a Time Lama Moussawi, American University of Beirut • Pioneering the Empowerment of Young Female Engineers in Kuwait Amani S. Bu-qammaz, Kuwait University • Perceived Macro and Meso Barriers to Kuwaiti Women Career Advancement Ikhlas Abdalla, Kuwait University
2:00 – 2:30 PM	Q&A and Discussion Moderators: Alia Marafie, Kuwait University; Sonya Smith, Howard University
2:30 – 3:00 PM	Coffee Break
3:00 – 4:00 PM	Session 2 - Continued: Evidence of effective programs, practices, and models in both countries for recruiting women in science, engineering, and medicine
	• Efforts to identify and implement data-driven policies and practices that increase diversity and retention Janet Malley, University of Michigan • Improving the Inclusion of Women in Science, Technology, Engineering and Math; Supporting Structural Change Programs Alice Hogan, Independent Higher Education Consultant • Effective programs to attract and prepare women to major in a science-related discipline Yasmine Kanaan, Howard University • Astronomical Evolution through Grass-roots Efforts Dara Norman, National Optical Astronomy Observatory (NOAO)

4:00 – 4:30 PM	Q &A and Discussion
4:30 - 5:00 PM	Keynote Address Huda Akil Co-Director and Research Professor, MBNI Distinguished University Professor and Quarten Professor of Neurosciences, Department of Psychiatry, University of Michigan, Ann Arbor
5:00 -6:30 PM	Reception
6:45 PM	Shuttle Departs to Watergate Hotel

Tuesday, October 29, 2019 Room: NAS 125	
8:15 AM	Shuttle departs from Watergate hotel to NAS building
8:30- 9:00 AM	Breakfast
9:00 – 11:00 AM	Session 3: Curricula structure and how it affects the attrition of Women in STEM in the US, Kuwait, and Arab World Session chairs: Hala AlEssa, Kuwait University; Maria Charles, University of California Santa Barbara
9:00 – 9:45 AM	• Opportunities of Kuwaiti females in STEM undergraduate majors Abrar Al-Awadhi, Kuwait University • What are the motivating factors for students entering STEM field majors in Kuwait? Hessa Amin, FAWSEC educational company • Investigating Representations of Gender in STEM in School Textbooks in Kuwait Zahaa AlSuwailan, Kuwait University
9:45 -10:15	Q&A and Discussion Moderators: Hala AlEssa, Kuwait University; Maria Charles, University of California Santa Barbara
10:15 - 10:30	Coffee Break
10:30– 11:15	Session 3 - Continued: Curricula structure and how it affects the attrition of Women in STEM in the US, Kuwait, and Arab World • Aligning Students’ Science Achievement and Expectations to Pursue STEM careers: The Role of Curricular Standardization Claudia Buchmann, Ohio State University • What inhibits women’s entry to STEM fields and what could change it? Yingyi Ma, Syracuse University • Curricular Pathways from School to STEM Labor Force in the US Chandra Muller, University of Texas, Austin

11:15 – 12:00 PM	Q&A and Discussion Moderators: Hala AlEssa, Kuwait University; Maria Charles, University of California Santa Barbara	
12:00 – 1:00 PM	Lunch	
1:00 – 3:30 PM	Debrief and planning for Kuwait 2020 workshop (Organizing committee and staff only)	Participants from Kuwait and Irene Ngun take shuttle to NIH ORWH in Bethesda, MD (Expected return to the hotel by 4PM depending on traffic)

Meeting Adjourn