



2019 NSF Minority Faculty Development Workshop
 Engineering A World of Difference: Policy and Practice
 September 18 -21st, 2019
 Harvard University

The **2019 NSF MFDW Engineering a World of Difference: Policy and Practice** will focus on the intersection between technology and policy; delve into the implications of policy on academic engineering at institutional and national levels; and develop actionable strategies to enhance the progression of underrepresented faculty for the benefit of the engineering profession.

Over a three-day period, participants—representing all engineering disciplines and technology fields—will have multiple opportunities to engage with peers, academic leaders, and experts to better understand and utilize concepts that guide strategic career advancement. The program and workshop content has been shaped in part by participant responses collected during the application process.

Agenda

Wednesday, September 18, 2019	
Harvard University	
	Arrival Day: Check-in and Registration
5:00 pm - 8:00 pm	<p>Welcome Reception</p> <p>Lawrence S. Bacow, Harvard University President</p> <p>Frank Doyle, John A. Paulson Dean, Harvard John A. Paulson School of Engineering and Applied Sciences (SEAS)</p> <p>Douglas W. Elmendorf, Dean and Don K. Price Professor of Public Policy, Harvard Kennedy School (HKS)</p>
Thursday, September 19, 2019	
Harvard University	
6:00 am - 7:45 am	Breakfast at Hotel
8:30 am - 9:15 am	<p>Welcome, Symposium Overview, and Participant Introductions</p> <p>Gilda A. Barabino, Daniel and Frances Berg Professor and Dean, The Grove School of Engineering, The City College of New York</p> <p>Stephanie G. Adams, Dean, Jonsson School, University of Texas at Dallas</p> <p>Frank Doyle, John A. Paulson Dean, Harvard SEAS</p> <p>Douglas W. Elmendorf, Dean and Don K. Price Professor of Public Policy, HKS</p>

9:15 am - 10:15 am	<p>Plenary Session I: Faculty of Color: Making History</p> <p>Evelynn Hammonds, Chair, Department of the History of Science, Harvard</p>
10:15 am - 10:30 am	Break
10:30 am - 12:00 pm	<p>Workshop I: Policy Fundamentals</p> <p>Lisa Wills, Director of Research, American Council on Education</p> <p>Venky Narayanamurti, Benjamin Peirce Research Professor of Technology and Public Policy, Harvard SEAS and HKS</p> <p>Miriam Quintal, Washington Representative, American Society for Engineering, Lewis and Burke Associates LLC</p> <p>Thomas Woodson, Assistant Professor, Stoney Brook University</p>
12:00 pm - 1:30 pm	<p>Working Lunch - Affinity Groups</p> <p>Moderated Breakout Group Discussions</p>
1:45 pm - 3:00 pm	<p>Workshop III: Communicating Science and Engineering</p> <p>Angela DePace, Associate Professor of Systems Biology, Harvard Medical School</p>
3:00 pm - 3:15 pm	Break
3:15 pm - 4:30 pm	<p>Un-conference Session I: Building and Sustaining Research Collaborations</p> <p>Paula Hammond, David Koch Professor, MIT</p> <p>Jorge Gonzalez, NOAA CREST Professor of Mechanical Engineering, CCNY</p>
4:30 pm - 5:15 pm	Flash Talks: Participant Presentations (Group 1)
6:15 pm	University Hosted Dinner

Friday, September 20, 2019

Harvard University

7:45 am - 8:30am	Networking Breakfast
8:30 am - 10:00 am	Plenary II: Social Science and Public Policy Cornell Brooks, Professor of the Practice of Public Leadership and Social Justice, Harvard Kennedy School
10:00 am - 10:30 am	Break
10:30 am - 12:00 pm	Administrators Panel Stephanie Adams, Dean, University of Texas at Dallas Samuel Graham, Chair and Professor, Georgia Tech C. Fred Higgs, Vice Provost, Rice University Iris Rivero, Kate Gleason Professor and Department Head, Rochester Institute of Technology (RIT) Moderator: Flavio Calmon, Assistant Professor of Electrical Engineering, Harvard SEAS
12:00 pm - 1:30 pm	Working Lunch - The Thrive Mosaic: A Tool for Activism for Scholars in Higher Education Robbin Chapman, Associate Dean for Diversity, Inclusion, and Belonging, HKS
1:45 pm - 3:00 pm	Workshop II: Career Progression (breakout sessions) Promotion and Tenure Flavio Calmon, Assistant Professor of Electrical Engineering, Harvard SEAS Iris Rivero, Kate Gleason Professor and Department Head, RIT Tenure and Beyond Maurice Smith, Professor of Bioengineering, Harvard SEAS Guillermo Ameer, Professor, Biomedical Engineering and Surgery & Director, Center for Advanced Regenerative Engineering, Northwestern
3:00 pm - 3:15pm	Break
3:15 pm - 4:45 pm	Research, Funding & Career Advancement Guillermo Ameer, Professor, Biomedical Engineering and Surgery & Director, Center for Advanced Regenerative Engineering, Northwestern Paige Smith, Program Director, Directorate for Engineering, Engineering Education and Centers, NSF Elebeoba E. May, Program Director, Systems and Synthetic Biology, Division of Molecular and Cellular Biosciences, NSF

4:45 pm - 5:30 pm	Flash Talks: Participant Presentations (Group 2)
6:30 pm - 8:30	Dinner with Keynote Leadership in Our Times: Courage, Power, and Persistence Ambassador Wendy R. Sherman, Professor of the Practice of Public Leadership and Director of the Center for Public Leadership, Harvard Kennedy School Moderator: Robbin Chapman, Associate Dean for Diversity, Inclusion, and Belonging, Harvard Kennedy School

Saturday, September 21, 2019

Harvard University

6:00 am - 8:00 am	Breakfast at Hotel
8:30 am - 10:00 am	Plenary III: Mentoring and Career Advancement Stacy Blake-Beard, Professor of Management, Simmons University
10:00 am - 10:15 am	Break
10:15 am - 11:00 am	Un-conference Session II: Academic Career and Leadership Development S. Keith Hargrove, PhD, Dean and Professor of Mechanical & Manufacturing Engineering, Tennessee State University
11:00 am - 12:30 pm	Un-conference Session III: Branding + Personal Development Samuel Graham, Chair and Professor, Georgia Tech C. Fred Higgs, Vice Provost, Rice University
12:30 pm - 2:00 pm	Keynote Lunch Emery Brown, Edward Hood Taplin Professor of Medical Engineering and of Computational Neuroscience, MIT Introduction by: Demba Ba, Associate Professor of Electrical Engineering and Bioengineering, Harvard SEAS
2:00 pm - 3:00 pm	Closing Remarks & Wrap-Up Gilda A. Barabino, Daniel and Frances Berg Professor and Dean The Grove School of Engineering, The City College of New York