



**2017 NSF Minority Faculty Development Workshop**  
Engineering a World of Difference: Academic and Industry  
Connections  
September 20 - 23, 2017

**Student Center South Building (SCSB), University of Houston**

**Thursday, September 21, 2017**

6:30 – 8:00 am	<b>Breakfast on your Own</b> Eric's Restaurant, Hilton Hotel	
8:00 – 8:30 am	<b>Registration</b>	<b>Multipurpose Room (SCSB, Room #237)</b>
8:30 – 9:15 am	<b>Welcome, Overview and Participants Introductions</b>  Gilda Barabino, Ph.D. Dean, The Grove School of Engineering The City College of New York  Stephanie G. Adams, Ph.D. Dean, Frank Batten College of Engineering and Technology Old Dominion University  Mark Clarke, Ph.D. Associate Provost for Faculty Development and Faculty Affairs University of Houston	<b>Multipurpose Room (SCSB, Room #237)</b>
9:15 – 10:15 am	<b>Plenary Session</b> Raul Longoria, Ph.D. Professor, Mechanical Engineering University of Texas at Austin General Motors Foundation Centennial Teaching Fellow	<b>Multipurpose Room (SCSB, Room #237)</b>
10:15 – 10:30 am	<b>Break</b>	
10:30 – 12:00 pm	<b>Administrators Panel</b>  <u>Moderator</u> – Stephanie G. Adams, Ph.D. Dean, Frank Batten College of Engineering and Technology Old Dominion University  Gilda Barabino, Ph.D., Dean of Engineering, City College of New York Felicia Nave, Ph.D., Provost, Prairie View A&M Joseph Tedesco, Ph.D., Dean of Engineering, University of Houston Javier Kypuros, Ph.D., Dean of Engineering, University of Texas at Tyler	<b>Multipurpose Room (SCSB, Room #237)</b>
12:15 – 1:30 pm	<b>Lunch and Affinity Group Discussion</b> <u>Men's Group</u>  Samuel Graham, Ph.D. Associate Chair for Research Rae and Frank H. Neely Professor in Mechanical Engineering Georgia Tech	<b>Space City (SCSB, Room#214)</b>

C. Fred Higgs, III, Ph.D.  
John and Ann Doerr Professor,  
Mechanical Engineering, Rice University

Women's Group

**Bayou City  
(SCSB, Room#219)**

Rosemarie Wesson, Ph.D., P.E.  
Associate Dean for Research  
The City College of New York

1:30 – 3:30 pm

**Panel:** A Career Worthy of the National Academy of Engineering

**Multipurpose Room  
(SCSB, Room #237)**

Moderator – M. Katherine Banks, Ph.D.

Vice Chancellor for Engineering, Texas A&M University System and  
Dean, Texas A&M University College of Engineering

Andrea Prosperetti, Ph.D., University of Houston, Mechanical Engineering  
Ganesh Thakur, Ph.D., University of Houston, Petroleum Engineering  
Kaushik Rajashekara, Ph.D., University of Houston, Electrical & Computer Engineering

3:30 – 4:00 pm

**Break**

4:00 – 6:00 pm

**Concurrent Sessions**

**Session A: Minority Faculty as Change Agents**

Cristine Clifford Cullinan, Ph.D.  
Founder, ALiVE: Actual Leadership in Vital Equity

**Space City Room  
(SCSB, Room#214)**

Gilda Barabino, Ph.D.  
Dean, The Grove School of Engineering  
The City College of New York

**Session B: Creating Your Brand**

Marquita M. Qualls, Ph.D.  
Founder and CEO, Entropia Consulting

**Bayou City Room  
(SCSB, Room#219)**

6:30 – 8:30 pm

**Reception and Dinner**

Hosted by the University of Houston

**Multipurpose Room  
(SCSB, Room#237)**

**Friday, September 22, 2017**

6:30 – 8:15 am

**Breakfast on your Own**

Eric's Restaurant, Hilton Hotel

8:30 – 10:00 am

**Panel:** Intellectual Property and Tech Transfer

**Multipurpose Room  
(SCSB, Room#237)**

Moderator – Richard Willson, Ph.D.

University of Houston  
Department of Chemical & Biomolecular Engineering

Amr Elnashai, Ph.D., University of Houston Vice Chancellor/Vice President for Research and  
Technology Transfer

Muayyad Al-Ubaidi, Ph.D., University of Houston, Biomedical Engineering

Haleh Ardebili, Ph.D., University of Houston, Mechanical Engineering

Aaron Becker, Ph.D., University of Houston, Electrical & Computer Engineering

10:00 – 10:30 am

**Break**

10:30 – 12:30 pm	<p><b>Panel:</b> Building Research Relationships with Industry</p> <p><u>Moderator</u> – Ramanan Krishnamoorti, Ph.D. University of Houston, Chief Energy Officer</p> <p>Jeffrey Rimer, Ph.D., University of Houston, Chemical &amp; Biomolecular Engineering  Karolos Grigoriadis, Ph.D., University of Houston, Mechanical Engineering  Lars Grabow, Ph.D., University of Houston, Chemical &amp; Biomolecular Engineering  Venkat Selvamanickam, Ph.D., University of Houston, Mechanical Engineering  Doreen Chin, VP of Systems and Operability Solutions, Subsea Engineering Technologies, LLC  Gabe Cuadra, VP, Compliance, Gulf of Mexico, BP Exploration &amp; Production, Inc.  Heidi Alderman, Senior VP, Petrochemicals BASF Corporation</p>	<b>Multipurpose Room (SCSB, Room#237)</b>
12:30 – 2:00 pm	<p><b>Lunch Keynote:</b> Enabling Faculty Entrepreneurship</p> <p>John Blaho, Ph.D. Director for Industrial-Academic Research Office of the CUNY Vice Chancellor for Research</p>	<b>Multipurpose Room (SCSB, Room#237)</b>
2:30 – 5:00 pm	<p><b>University of Houston Laboratory Tours</b></p> <p>Jose Contreras-Vidal, Ph.D., Department of Electrical &amp; Computer Engineering  Michael Harold, Ph.D., Department of Chemical &amp; Biomolecular Engineering  Venkat Selvamanickam, Ph.D., Department of Mechanical Engineering  David Mayerich, Ph.D., Department of Electrical &amp; Computer Engineering</p>	
6:30 – 8:30 pm	<p><b>Dinner</b></p> <p>Karan L. Watson, Ph.D. Regents Professor of Electrical and Computer Engineering Texas A&amp;M University</p>	<b>Hilton Hotel Waldorf-Astoria E</b>
<b>Saturday, September 23, 2017</b>		
6:30 – 8:15 am	<p><b>Breakfast on your Own</b> Eric's Restaurant, Hilton Hotel</p>	
8:30 – 10:30 am	<p><b>Fireside Chat:</b> Proposals, Funding, &amp; Research</p> <p>Rosemarie Wesson, Ph.D., P.E. Associate Dean for Research The City College of New York</p>	<b>Multipurpose Room (SCSB, Room#237)</b>
10:30 – 10:45 am	<p><b>Break</b></p>	
11:00 – 12:30 pm	<p><b>Panel:</b> If I Knew Then What I Know Now</p> <p><u>Moderator</u> – Elebeoba May, Ph.D. Associate Professor, University of Houston</p> <p>Norma Alcantar, Ph.D. Professor, Chemical &amp; Biomedical Engineering University of South Florida</p> <p>C. Fred Higgs, III, Ph.D. John and Ann Doerr Professor, Mechanical Engineering, Rice University</p>	<b>Multipurpose Room (SCSB, Room#237)</b>

12:30 – 2:00 pm

**Closing Luncheon Keynote**

**Multipurpose Room  
(SCSB, Room#237)**

Reginald DesRoches, Ph.D., F. ASCE, F. SEI  
Dean, George Brown School of Engineering  
Rice University

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