



2018 Engineering Deans

Public Policy Colloquium

Fairmont Hotel • Washington, DC • February 5–7, 2018

Monday, February 5, 2018

Starting at 3:00 p.m.	Registration 3:00 p.m. - 5:00 p.m. (<i>Roosevelt Room Foyer</i>) 5:30 p.m. - 7:00 p.m. (<i>The Colonnade Foyer</i>)
3:30 p.m. - 5:30 p.m. Roosevelt Room	New Deans' Orientation This orientation will help you become familiar with key issues and the process of working with your legislators and their staffs. We will have three sessions: a) all about federal relations; b) how to have effective Hill visits; c) Q&A with invited panel members and deans with significant federal relations experience. Organizers: Gilda Barabino , <i>Dean of Engineering, The City College of New York</i> Jeffrey Goldberg , <i>Dean of Engineering, University of Arizona, PPC Vice-Chair</i> Presenters: Mary Christina Riley , <i>Senior Legislative Assistant for Rep. Drew Ferguson (R-GA)</i> Josh Shiode , <i>Director of Government Affairs, Semiconductor Industry Association</i> Lewis-Burke Associates LLC Staff Members
6:00 p.m. - 7:30 p.m. The Colonnade	Opening Reception Organizer: Joseph Helble , <i>Dean of Engineering, Dartmouth College, PPC Chair</i> Keynote Speaker: Dawn Tilbury , <i>Assistant Director, Engineering, NSF</i>

Tuesday, February 6, 2018

Starting at 7:30 a.m. Kennedy Ballroom Foyer	Registration
7:45 a.m. - 8:45 a.m. Ballroom I	Breakfast
8:45 a.m. - 9:00 a.m. Kennedy Ballroom	Welcome and Introduction Joseph Helble , <i>Dean of Engineering, Dartmouth College, PPC Chair</i> Bevlee Watford , <i>ASEE President, Associate Dean, Academic Affairs and Director, Center for the Enhancement of Engineering Diversity, Virginia Tech</i>

<p>9:00 a.m. - 10:00 a.m. Kennedy Ballroom</p>	<p>Session 1: Budget</p> <p>This panel presentation will review federal policies and the budget landscape for scientific and engineering research. The Trump administration is now into its second year, and the panelists will provide their insights into the administration’s priorities.</p> <p>Organizer: <i>Anette Karlsson, Dean of Engineering, Cleveland State University</i></p> <p>Speakers: <i>Matt Hourihan, Director, R&D Budget and Policy Program, AAAS</i> <i>Jeffrey Mervis, Senior Correspondent, Science Magazine</i> <i>Tobin Smith, Vice President for Policy, AAU</i></p>
<p>10:00 a.m. - 10:30 a.m. Ballroom I Foyer</p>	<p>Refreshment Break</p>
<p>10:30 a.m. - 11:45 a.m. Kennedy Ballroom</p>	<p>Session 2: Economic Impact</p> <p>Speakers in this session will discuss the economic impact of engineering education and research, with the goal of giving deans compelling evidence that investments in engineering pay economic dividends. This information will help deans effectively communicate the need for continuing support to federal and state legislators and government officials.</p> <p>Organizers: <i>Richard B. Brown, Dean of Engineering, University of Utah</i> <i>Peter Kilpatrick, Dean of Engineering, University of Notre Dame</i> <i>Achille Messac, Dean of Engineering, Howard University</i> <i>Paul Tikalsky, Dean of Engineering, Oklahoma State University</i></p> <p>Speakers: <i>Ross DeVol, Walton Fellow, Walton Family Foundation, and former Chief Research Officer at the Milken Institute</i> <i>Natalie Shirley, Former Oklahoma Secretary of Education and Workforce Development</i> <i>Simon J. Tripp, Principal and Senior Director, TEconomy Partners</i></p>
<p>11:45 a.m. - 1:00 p.m. Ballroom I</p>	<p>Lunch</p>
<p>1:00 p.m. - 2:00 p.m. Kennedy Ballroom</p>	<p>Session 3: PreK-12 Engineering Education</p> <p>Speakers in this session will discuss the future of PreK-12 STEM education and how current policies affect it. The discussions will also include the critical issues concerning diversity and underrepresented minorities in STEM education. It is hoped that the presentations in this panel will provide the deans compelling evidence and guidance on the need for developing PreK-12 engineering programs to prepare the innovative and skillful technical workforce of the future.</p> <p>Organizers: <i>Cammy Abernathy, Dean of Engineering, University of Florida</i> <i>Kazem Kazerounian, Dean of Engineering, University of Connecticut</i> <i>Vijay Kumar, Dean of Engineering, University of Pennsylvania</i></p>

	<p>Speakers: Jason Botel, <i>Principal Deputy Assistant Secretary, Office of Elementary and Secondary Education, Department of Education</i> Janice Cuny, <i>Program Director for Computing Education, NSF</i> Greg Pearson, <i>Scholar, K-12 Engineering Education and Public Understanding of Engineering, NAE</i></p>
<p>2:00 p.m. - 2:30 p.m. Kennedy Ballroom</p>	<p>Session 4: Manufacturing</p> <p>This session will provide an update regarding the National Network for Manufacturing Innovation and its institutes. The speaker will offer insight regarding the present and future of manufacturing research under the Trump administration, now a full year in office.</p> <p>Organizer: David Williams, <i>Dean of Engineering, Ohio State University</i></p> <p>Speaker: Michael Molnar, <i>Director, Advanced Manufacturing National Program Office, NIST</i></p>
<p>2:30 p.m. - 3:30 p.m. Kennedy Ballroom</p>	<p>Session 5: Immigration Policy</p> <p>This session will provide a summary of current admission statistics and trends for international students at US universities. The speaker will also discuss upcoming legislation regarding immigration, DACA and H1B programs.</p> <p>Organizers: Liesl Folks, <i>Dean of Engineering, University at Buffalo</i> Jayathi Murthy, <i>Dean of Engineering, University of California, Los Angeles</i></p> <p>Speaker: Hanan Saab, <i>Assistant Director for International Issues, APLU</i></p>
<p>3:30 p.m. - 4:00 p.m. Ballroom I Foyer</p>	<p>Refreshment Break</p>
<p>4:00 p.m. - 5:15 p.m. Kennedy Ballroom</p>	<p>Legislative Update and Discussion</p> <p>This session will focus on the outlook for 2018 ASEE legislative priorities, including funding for research and education, higher education and STEM policy, and immigration. ASEE's new federal relations partners, Lewis-Burke Associates LLC, will discuss with the EDC the current state of play in Washington, ASEE's 2018 advocacy plan, and how to use Wednesday's congressional visits to advance these goals. PPC leadership will participate to provide perspective on key federal issues facing engineering deans.</p> <p>Moderators: James Garrett, <i>Dean of Engineering, Carnegie Mellon University</i> Jeffrey Goldberg, <i>Dean of Engineering, University of Arizona, PPC Vice-Chair</i> Joseph Helble, <i>Dean of Engineering, Dartmouth College, PPC Chair</i></p>
<p>5:15 p.m. Kennedy Ballroom</p>	<p>Closing Remarks</p> <p>Joseph Helble, <i>Dean of Engineering, Dartmouth College, PPC Chair</i></p>
<p>5:30 p.m. - 7:00 p.m. Ballroom I</p>	<p>Closing Reception</p> <p>Brief Remarks: Norman Fortenberry, <i>Executive Director, ASEE</i></p>

Wednesday, February 7, 2018

8:00 a.m. - 10:00 a.m.
Room SD-106*

(Dirksen Senate Office Building)

[U.S. Capitol Map](#)

STEM Issues in the 115th Congress

Organizers:

Kenneth Ball, *Dean of Engineering, George Mason University*

Hesham El-Rewini, *Dean of Engineering, University of North Dakota*

Jeffrey Goldberg, *Dean of Engineering, University of Arizona, PPC Vice-Chair*

Program (tentative):

8:00am - **Doors Open (Breakfast Available)**

8:15am - **Opening Remarks**

8:30am - **Sen. Heidi Heitkamp (D-ND)**

Conversation with U.S. Senator Heidi Heitkamp about the importance of STEM education.

9:00am - **Break**

9:15am - **Speaker TBA**

9:45am - **Closing Remarks and Adjourn**

10:00 a.m.

[Individual Meetings with Members of Congress and Staff](#)

For more information, please follow the [LINK](#).

The PPC Planning Committee does not make arrangements for individual meetings.

** If you are going to attend the meeting on the Hill, we ask you to be at the Dirksen Senate Office Building (Room SD-106) at 8:00 am. Deans who have indicated that they are going to the Hill (from 8am to 10am) will receive an Uber eGift Card for their trip (at the ASEE registration desk).*