



2021 Engineering Deans

Public Policy Colloquium

Virtual Meeting • February 1–3, 2021

About the Colloquium

This year the PPC will focus on the themes of resilience and racial equity, two issues that have been at the forefront of higher education and the nation. As we recover from the pandemic and focus on a new Administration and Congress, we will look at racial equity in engineering and computer science education and the role of public policy, federal funding, and our own community to move change. The conference will consider both near-term and long-term approaches to address systemic racism in academia and the broader innovation ecosystem.

Resilience is a major focus of the incoming Biden Administration as it looks to battle the twin threats of the COVID-19 pandemic and climate change. At the conference we will consider the innovation and research investments needed to drive the long-term resilience of our nation and the Global community. Many systems such as energy, transportation, manufacturing, and healthcare are critical to our society yet vulnerable to disruption. We will also explore the systems necessary to respond to a changing climate, the next potential pandemic, and other large-scale emergencies.

As part of the colloquium, we will come together to advocate for our critical priorities in funding and policy through a virtual congressional visits day on February 3rd. To prepare for these visits, the meeting will include discussion of the outlook for engineering education and research in 2021 and congressional visits training.

Friday, January 29, 2021

3:00 p.m. - 5:00 p.m.
EST

New Dean's Orientation

This interactive orientation will feature an overview of the federal government; advocacy for research and higher education; and an introduction to ASEE, the Engineering Deans Council (EDC), and the Public Policy Colloquium (PPC). Deans will have a chance to share their federal concerns and interests.

The orientation will help new deans become familiar with key issues and the process of working with legislators and their staffs. Deans who would like a refresher on these topics are welcome to attend as well.

Speakers: Miriam Quintal, Lewis-Burke Associates LLC
Dawn Tilbury, Assistant Director for Engineering, National Science Foundation

Organizers: Wendi Heinzelman, *University of Rochester*
Hanchen Huang, *University of North Texas*

Monday, February 1, 2021

11:30 a.m. - 12:00 p.m.
EST

Opening Welcome

Dr. Norman Fortenberry, *ASEE Executive Director*
Dr. Sheryl Sorby, *ASEE President and Professor Emerita of Mechanical Engineering, Michigan Technological University*

12:00 p.m. – 1:00 p.m.
EST

Session 1: Washington Update

Speaker: Miriam Quintal, *ASEE Washington Representative and Managing Principal, Lewis-Burke Associates LLC*

ASEE's federal relations partners, Lewis-Burke Associates LLC, will discuss the current state of play in Washington and the outlook for ASEE's 2021 advocacy priorities, including the Biden Administration and 117th Congressional Changes, funding for research and education, higher education and STEM policy, and immigration.

Moderator: **JoAnn Lighty**, *Boise State University*

1:00 p.m. – 2:00 pm
EST

Session 2: Keynote Speaker

Dr. Sethuraman Panchanathan, *Director, National Science Foundation*
"NSF Strategy into the Future"

Introduction by **Dawn Tilbury**, *NSF Assistant Director for Engineering*

Moderator: **Vijay Kumar**, *University of Pennsylvania*

Organizer: Lewis-Burke Associates LLC

2:00 p.m. - 2:30 p.m.
EST

Quick Takes and Break

Take a break, network with other deans, and enjoy flash talks from individual deans about initiatives on their campuses related to public policy.

Organizers:

Kazem Kazerounian, *University of Connecticut*
J. Cole Smith, *Syracuse University*

2:30 p.m. - 4:00 p.m.
EST

Session 3: Racial Equity

Speakers:

Dr. Darryl Pines, *President, University of Maryland*

Rhonda Davis, *Head, Office of Diversity, Equity, and Inclusion, National Science Foundation*

Dr. Kamau Bobb, *Global Lead for Diversity and Strategy, Google and Senior Director of the Constellations Center for Equity in Computing, Georgia Tech*

This session will discuss racial equity in academia, research, and engineering from three perspectives. Speakers will discuss their own experiences, efforts they are leading to address these issues, and short-term and long-term actions deans can take to promote change.

Moderator: Janis Terpenny, *University of Tennessee, Knoxville*

Organizers:

Sheryl Ehrman, *San Jose State University*

Wendi Heinzelman, *University of Rochester*

John Lach, *George Washington University*

Pamela Obiomon, *Prairie View A&M University*

Janis Terpenny, *University of Tennessee, Knoxville*

4:00 p.m. – 4:30 p.m.
EST

Racial Equity Breakout Groups

Breakout groups will offer the opportunity to continue the discussion around racial equity. Participants will discuss policy changes and institutional actions they can take to promote change at local and national levels.

4:30 p.m. – 5:00 p.m.
EST

Closing Discussion

Tuesday, February 2, 2021

12:30 p.m. - 1:00 p.m. EST	Welcome back, discussion of questions on Day 1
1:00 p.m. - 2:30 p.m. EST	Session 4: Resilience Speakers: Dr. John L. Anderson, <i>President, National Academy of Engineering (NAE)</i> Dr. Arun Majumdar, <i>Jay Precourt Provostial Chair Professor, Stanford University</i> Dr. Sandeep Patel, <i>Founding Director of the Division of Research, Ventures, and Innovation, Biomedical Advanced Research and Development Authority (BARDA), Department of Health and Human Services (HHS)</i> This session will explore how engineering can contribute to national resilience to major threats such as the COVID-19 pandemic and climate change. The session will explore major research and education themes and federal programs to respond to these needs. Moderator: Cammy Abernathy, <i>University of Florida</i> Organizers: Paul Tikalsky, <i>Oklahoma State University</i> Vijay Kumar, <i>University of Pennsylvania</i> Maj Mirmirani, <i>Embry-Riddle Aeronautical University</i> James Martin, <i>University of Pittsburgh</i>
2:30 p.m. – 3:00 p.m. EST	Quick Takes and Break Take a break and enjoy flash talks from individual deans about initiatives on their campuses related to public policy. Organizers: Kazem Kazerounian, <i>University of Connecticut</i> J. Cole Smith, <i>Syracuse University</i>
3:00 p.m. - 4:00 p.m. EST	Session 5: Keynote Speaker Dr. Peter Highnam, <i>Acting Director, Defense Advanced Research Projects Agency (DARPA), Department of Defense</i> Dr. Highnam will discuss his vision for DARPA, its role in overcoming national challenges and enabling innovation and resilience for our national security, and how engineering deans can support DARPA's mission. Moderator: Paul Tikalsky, <i>Oklahoma State University</i> Organizer: Lewis-Burke Associates, LLC

<p>4:00 p.m. - 4:45 p.m. EST</p>	<p>Prep for Wednesday Virtual Congressional Visits</p> <p>Speaker: Miriam Quintal, <i>ASEE Washington Representative and Managing Principal, Lewis-Burke Associates LLC</i></p> <p>In this session, Lewis-Burke Associates will discuss how to use Wednesday’s congressional visits to advance ASEE’s policy goals and will provide an overview of the talking points and materials for these meetings. The session will also explore best practices for conducting virtual congressional meetings and how to prepare your group.</p> <p>Moderator: Wendi Heinzelman, <i>University of Rochester</i></p>
<p>4:45 p.m. - 5:00 p.m. EST</p>	<p>Closing Remarks</p>

	<p>Wednesday, February 3, 2021</p>
	<p>Individual Virtual Meetings with Members of Congress and Staff</p> <p>Participants are encouraged to conduct virtual congressional visits in state groups. Please note that deans are responsible for making their own arrangements for congressional visits. Lewis-Burke Associates will be coordinating federal relations representatives helping institutions with their visits – please make sure to include the name of any staff helping with your visits on your registration so they can be made aware of talking points and other resources. If you do not have a federal relations representative to help with your state group, please contact eliana@lewis-burke.com for assistance. The PPC Planning Committee does not arrange for individual meetings.</p>