

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
April 25-26, 2023
Times shown are Eastern Daylight
Room 2210/2220 and virtual



TUESDAY, APRIL 25, 2023

- 10:00 *Meeting Begins*
- 10:00-10:15 **Welcome, Introductions, and Agenda**
Leah Jamieson, ENG Advisory Committee Chair
Robin Cogger, ENG Advisory Committee Co-Chair
Susan Margulies, Assistant Director for Engineering
Don Millard, Deputy Assistant Director for Engineering
- 10:15-11:15 **Directorate for Engineering Report**
Susan Margulies, Assistant Director for Engineering
- 11:15-12:30 **NASEM Report on Advancing Antiracism, Diversity, Equity, and Inclusion in
STEMM Organizations: Beyond Broadening Participation**
Gilda Barabino, NASEM Committee Co-Chair, and President, Olin College of
Engineering
Discussion led by Leah Jamieson
- 12:30-1:00 *Lunch*
- 1:00-2:30 **CHIPS and Science Semiconductor Activities Update**
Introduction and moderation by Susan Margulies
Tsu-Jae King Liu, Dean and the Roy W. Carlson Professor of Engineering, University of
California, Berkeley
Ann Kelleher, Executive Vice President and General Manager, Technology
Development, Intel
Eric Lin, Interim Director of the CHIPS Research and Development Office, NIST
Barry Johnson, Division Director, Division of Translational Impacts, NSF Directorate
for Technology, Innovation and Partnerships
James L. Moore III, Assistant Director for STEM Education, NSF
Discussion led by Robin Cogger
- 2:30-2:45 *Break*

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- 2:45-4:00 **TeachEngineering Update**
Michael Soltys, Teaching Associate Professor for the Integrated Design Engineering program, University of Colorado, Boulder
Nick Stites, Director, Integrated Teaching and Learning Program, University of Colorado, Boulder
Jessica Noffsinger, STEM Teacher
Kayla Sutcliffe, STEM Teacher
Cynthia Walker, STEM Teacher
Discussion led by Leah Jamieson
- 4:00-4:45 **Strategic Recommendations for ENG**
Led by Leah Jamieson, ENG Advisory Committee Chair
- 4:45-5:15 **Preparation for Discussion with the Director's Office**
Led by Robin Coger, ENG Advisory Committee Co-Chair
- 5:15 *Meeting Ends for the Day*

WEDNESDAY, APRIL 26, 2023

- 8:00 *Meeting Begins*
- 8:00-8:15 **NSF Budget Update**
Caitlyn Fife, Division Director, NSF Budget Division
- 8:15-8:45 **Reports from Advisory Committee Liaisons – Environmental Research and Education**
Kimberly Jones, Advisory Committee on Environmental Research and Education chair and ENG liaison
Ben McCall, Advisory Committee on Environmental Research and Education committee member
- 8:45-9:45 **Engineering Research Visioning Alliance (ERVA) Update**
Anthony Boccanfuso, ERVA Co-Principal Investigator (Co-PI), and UIDP President and CEO
Pramod Khargonekar, ERVA Co-PI, and Vice Chancellor for Research, University of California, Irvine
Edl Schamiloglu, ERVA Co-PI, and Associate Dean for Research and Innovation, School of Engineering, University of New Mexico
Discussion led by Robin Coger

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- 9:45-10:15 **Preparation for Discussion with the Director's Office**
Led by Robin Coger, ENG Advisory Committee Co-Chair
- 10:15-10:30 *Break*
- 10:30-11:00 **Perspective from the Director's Office**
Karen Marrongelle, Chief Operating Officer
- 11:00-11:15 **Reports from Advisory Committee Liaisons**
Manish Parashar, Director, NSF Office of Advanced Cyberinfrastructure Advisory,
Committee on Cyberinfrastructure
James Martin, Committee on Equal Opportunities in Science and Engineering
- 11:15-12:00 **Strategic Recommendations for ENG**
Led by Robin Coger, ENG Advisory Committee Co-Chair
- 12:00-12:15 **Recognition and Closing Remarks**
Leah Jamieson, ENG Advisory Committee Chair
Robin Coger, ENG Advisory Committee Co-Chair
Susan Margulies, Assistant Director for Engineering
Don Millard, Deputy Assistant Director for Engineering
- 12:15 *Meeting Adjourns*