



THURSDAY, APRIL 4

- 10:00 *Meeting Begins*
- 10:00-10:15 **Welcome, Introductions, and Agenda**
Robin Coger, ENG Advisory Committee Chair
Lance Pérez, 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
- 11:15-11:30 **NSF Budget Update**
Caitlyn Fife, Division Director, NSF Budget Division
- 11:30-12:15 *Lunch*
- 12:15-1:30 **Broadening Participation in Engineering: EPSCoR (Established Program to Stimulate Competitive Research) Jurisdiction Engagement and Collaboration**
Sandra Richardson, Section Head for Research Capacity and Competitiveness, NSF Office of Integrative Activities
José Zayas-Castro, Division Director, NSF Division of Engineering Education and Centers
Discussion led by Robin Coger, ENG Advisory Committee Chair
- 1:30-1:45 *Break*
- 1:45-2:45 **Partnerships: Expanding NSF INTERN**
Prakash Balan, Program Director for NSF INTERN, NSF Division of Engineering Education and Centers
Elisabet Metcalfe, Communications and Stakeholder Engagement Lead, DOE Geothermal Technologies Office
Olivia Graeve, Professor of Mechanical and Aerospace Engineering, University of California, San Diego
Ruth Pachter, Senior Scientist, Materials and Manufacturing Directorate, Air Force Research Laboratory
Discussion led by Lance Pérez, ENG Advisory Committee Co-Chair



- 2:45-3:45 **Research: Translation and Impacts of Future Manufacturing Research**
Andy Wells, Program Director, NSF Division of Civil, Mechanical and Manufacturing
Innovation (CMMI) and Bill Olbricht, Deputy Division Director, NSF Division of
Chemical, Bioengineering, Environmental and Transport Systems (CBET)
Junhong Chen, Crown Family Professor of Molecular Engineering, University of
Chicago
Marianthi Ierapetritou, Gore Centennial Chair in the Department of Chemical and
Biomolecular Engineering, University of Delaware
Discussion led by Robin Coger, ENG Advisory Committee Chair
- 3:45-4:00 *Break*
- 4:00-4:45 **Reports from Advisory Committee Liaisons**
Kimberly Jones, Advisory Committee on Environmental Research and Education
James Martin, Committee on Equal Opportunities in Science and Engineering
Samuel Graham, Advisory Committee for Cyberinfrastructure
- 4:45-5:15 **Strategic Recommendations for ENG**
Led by Lance Pérez, ENG Advisory Committee Co-Chair
- 5:15-6:00 **Preparation for Discussion with the Director's Office**
Led by Robin Coger, ENG Advisory Committee Chair
- 6:00 *Meeting Ends for the Day*

FRIDAY, APRIL 5

- 8:30 *Meeting Begins*
- 8:30-9:00 **Engineering Community Ideas**
Discussion led by Robin Coger, ENG Advisory Committee Chair
- 9:00-10:15 **Education and Workforce Development: Research Experiences for
Undergraduates (REU) and Research Experiences for Teachers (RET) Sites
and Industry Collaborations**
Amelia Greer, Program Director for Workforce Development, NSF Division of
Engineering Education and Centers
Todd Younkin, President and CEO, Semiconductor Research Corp.
Erin Solovey, Associate Professor of Computer Science, Worcester Polytechnic
Institute
Discussion led by Robin Coger, ENG Advisory Committee Chair

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
April 4-5, 2024
Times shown are Eastern Daylight



- 10:15-11:00 **Preparation for Discussion with the Director's Office**
Led by Robin Coger, ENG Advisory Committee Chair
- 11:00-11:30 *Break*
- 11:30-12:00 **Perspective from the Director's Office**
Karen Marrongelle, NSF Chief Operating Officer
Brian Stone, NSF Chief of Staff
- 12:00-12:45 **Strategic Recommendations for ENG**
Led by Robin Coger, ENG Advisory Committee Chair
- 12:45-1:00 **Closing Remarks**
Robin Coger, ENG Advisory Committee Chair
Lance Pérez, ENG Advisory Committee Co-Chair
Susan Margulies, Assistant Director for Engineering
Don Millard, Deputy Assistant Director for Engineering
- 1:00 *Meeting Adjourns*