



## Directorate for Engineering (ENG) Advisory Committee Meeting

National Science Foundation

November 1-2, 2023

Times shown are Eastern Daylight

Room 2010/2020 and virtual

### WEDNESDAY, NOVEMBER 1

- 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
- 11:30-12:00 *Lunch*
- 12:00-1:45 **Partnering for a Resilient Planet: Opportunities in Clean Energy and Climate Change Adaptation and Mitigation**  
Introduction and moderation by Susan Margulies  
ASPIRE Engineering Research Center: Regan Zane, Utah State University,  
WindSTAR Industry-University Cooperative Research Center: Christopher Niezrecki,  
University of Massachusetts, Lowell,  
Intermountain West Transformation Network: Jan Boll, Washington State University,  
Discussion led by Robin Coger, ENG Advisory Committee Chair
- 1:45-2:00 *Break*
- 2:00-3:00 **Broadening Participation at Scale: Engineering PLUS Alliance**  
Karl Reid, Northeastern University  
Discussion led by Lance Pérez, ENG Advisory Committee Co-Chair
- 3:00-4:15 **Investing in Engineering Research Infrastructure**  
DERConnect: Eyad Abed, Program Director, ENG Division of Electrical,  
Communications and Cyber Systems (ECCS)  
National Nanotechnology Coordinated Infrastructure: Richard Nash, Program  
Director, ECCS  
Natural Hazards Engineering Research Infrastructure: Joy Pauschke, Program  
Director, ENG Division of Civil, Mechanical and Manufacturing Innovation (CMMI)  
Mcity 2.0: Jordan Berg, Program Director, CMMI  
Discussion led by Robin Coger, ENG Advisory Committee Chair
- 4:15-4:45 **Strategic Recommendations for ENG**  
Led by Lance Pérez, ENG Advisory Committee Co-Chair



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4:45-5:30 **Preparation for Discussion with the Director's Office**

Led by Robin Coger, ENG Advisory Committee Chair

5:30 *Meeting Ends for the Day*

### **THURSDAY, NOVEMBER 2, 2023**

8:00 *Meeting Begins*

8:00-8:30 **Reports from Advisory Committee Liaisons**

Kimberly Jones, Advisory Committee on Environmental Research and Education

Liaison and Committee Chair

James Martin, Committee on Equal Opportunities in Science and Engineering Liaison

8:30-10:15 **Revolutionizing Engineering Departments**

Introduced by José Zayas-Castro, Division Director, NSF Division of Engineering  
Education and Centers

Julia Williams, Rose-Hulman Institute of Technology, and Liz Litzler, University of  
Washington

Jennifer Ogle, Clemson University

Craig Woolard, Montana State University

Discussion led by Lance Pérez, ENG Advisory Committee Co-Chair

10:15-10:45 **Preparation for Discussion with the Director's Office**

Led by Robin Coger, ENG Advisory Committee Chair

10:45-11:00 *Break*

11:00-11:30 **Perspective from the Director's Office**

Sethuraman Panchanathan, NSF Director

Karren Marrongelle, NSF Chief Operating Officer

Brian Stone, NSF Chief of Staff

11:30-12:30 **Strategic Recommendations for ENG**

Led by Robin Coger, ENG Advisory Committee Chair

12:30-12:45 **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

12:45 *Meeting Adjourns*