

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
October 21-22, 2020
Virtual (times shown are Eastern Daylight)



DAY 1 WEDNESDAY, OCTOBER 21, 2020

10:30 *Meeting Begins*

10:30-10:45 **Welcome, Introductions, and Agenda**
Sarah Rajala, ENG Advisory Committee Chair
Leah Jamieson, ENG Advisory Committee Co-Chair
Dawn Tilbury, Assistant Director for Engineering
Linda Blevins, Deputy Assistant Director for Engineering

10:45-11:30 **Directorate for Engineering Report**
Dawn Tilbury, Assistant Director for Engineering

11:30-11:45 **NSF Budget Update**
Caitlyn Fife, Division Director, NSF Budget Division

11:45-12:00 **Report from Subcommittee on the SBIR/STTR Program**
Mary Juhas, Subcommittee on the SBIR/STTR Program

12:00-12:15 *Break*

12:15-1:15 **Black Lives in Engineering Panel**
Harriet Nembhard, Dean of Engineering, Roy J. Carver Professor of Engineering, and Professor of Industrial Engineering, University of Iowa
Timothy Pinkston, Vice Dean for Faculty Affairs, Viterbi School of Engineering; George Pflieger Chair in Electrical and Computer Engineering; and Professor of Electrical and Computer Engineering, University of Southern California
Tonya Smith-Jackson, Senior Vice Provost for Academic Affairs, North Carolina Agricultural and Technical State University
Levi Thompson, Dean of Engineering and Elizabeth Inez Kelly Professor of Chemical Engineering, University of Delaware
Moderated by Nakhiah C. Goulbourne, Program Director for Mechanics of Materials and Structures, Division of Civil, Mechanical and Manufacturing Innovation (CMMI)

1:15-1:45 **Panel Discussion with Advisory Committee**
Led by Nakhiah Goulbourne, Program Director for Mechanics of Materials and Structures, CMMI

1:45-2:15 **Engineering for US All (E4USA) Update**
Darryll Pines, Advisory Committee Member and Principal Investigator

2:15-2:45 *Break*

2:45-3:00 **Division of Industrial Innovation and Partnerships (IIP) Overview**
Andrea Belz, Division Director, IIP

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3:00-3:40 **IIP Committee of Visitors (COV) Report and Discussion**
Eric Johnson, PalmettoNet Endowed Chair in Optoelectronics; Professor of Electrical and
Computer Engineering, Clemson University
Tom Knight, Founder and CEO, Investics Corporation; and Founder and Chairman,
HealthcareDiversion.org

3:40-3:45 **Vote on Acceptance of IIP COV Report**

3:45-4:00 *Break*

4:00-4:30 **Research Translation**
Presentation by Dawn Tilbury, Assistant Director for Engineering
Discussion led by Stefanie Tomkins, ENG Advisory Committee Member

4:30-5:00 **Preparation for Discussion with the Director's Office**
Led by Sarah Rajala, ENG Advisory Committee Chair

5:00 *Meeting Ends for the Day*

DAY 2 THURSDAY, OCTOBER 22, 2020

10:30 *Meeting Resumes*

10:30-10:45 **Broader Impacts**
Suzanne Iacono, Head, Office of Integrative Activities

10:45-11:15 **The Broader Impacts Criterion: From Activity to Impact**
Susan Renoe, Executive Director, Center for Advancing Research Impact in Society,
University of Missouri

11:15-12:00 **Broader Impacts Breakouts**

12:00-12:30 **Broader Impacts Discussion**
Led by Leah Jamieson, ENG Advisory Committee Co-Chair

12:30-12:35 **Report from Advisory Committee Liaison**
Jeanne VanBriesen, Advisory Committee on Environmental Research and Education

12:35-1:00 *Break*

1:00-2:00 **Perspective from the Director's Office**
Sethuraman Panchanathan, NSF Director
Fleming Crim, NSF Chief Operating Officer
Brian Stone, NSF Chief of Staff

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- 2:00-2:10 **Reports from Advisory Committee Liaisons**
Tilak Agerwala, Advisory Committee on Cyberinfrastructure
Gilda Barabino, Committee on Equal Opportunities in Science and Engineering
- 2:10-2:30 *Break*
- 2:30-3:30 **COVID-19 and NSF's Rapid Funding Response**
Louise R. Howe, Program Director, ENG Office of Emerging Frontiers and
Multidisciplinary Activities; Co-Chair NSF COVID-19 Rapid Funding Response
Working Group; Chair ENG COVID-19 Rapid Funding Response Working Group
- 3:30-4:00 **Roundtable on Strategic Recommendations for ENG**
Led by Sarah Rajala, ENG Advisory Committee Chair
- 4:00-4:15 **Closing Remarks**
Sarah Rajala, ENG Advisory Committee Chair
Dawn Tilbury, Assistant Director for Engineering
- 4:15 *Meeting Adjourns*