

April 23, 2014

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
April 23-24, 2014
Stafford I, Room 1235



DAY 1 **WEDNESDAY, APRIL 23, 2014**

7:30-8:30 *Registration and Light Refreshments*

8:30-8:45 **Welcome, Introductions, and Agenda**
Patrick Farrell, ENG Advisory Committee Chair
Pramod Khargonekar, NSF Assistant Director for Engineering

8:45-9:15 **Review Recommendations of Recent Advisory Committee Meetings**
Sohi Rastegar, Office Head, Emerging Frontiers and Research Innovation (EFRI)

9:15-10:15 **Directorate for Engineering Update**
Pramod Khargonekar, NSF Assistant Director for Engineering

10:15-10:30 *Break*

10:30-11:30 **Discussion on Convergence**
Fleming Crim, NSF Assistant Director for Mathematical & Physical Sciences
Farnam Jahanian, NSF Assistant Director for Computer & Information Science & Engineering
Pramod Khargonekar, NSF Assistant Director for Engineering
John Wingfield, NSF Assistant Director for Biological Sciences

11:30-12:15 **Service Systems Innovation**
Grace Wang, Division Director, Industrial Innovation and Partnerships (IIP)
Alexandra Medina-Borja, Program Director, Evaluation and Assessment

12:15-1:00 *Lunch*

1:00-1:45 **Resilient Infrastructure Interdependent Processes (RIPS)**
Konstantinos Triantis, Program Director, Civil Infrastructure Systems
Sohi Rastegar, Office Head, EFRI

1:45-2:30 **Two-Dimensional Atomic-Layer Research and Engineering (2-DARE)**
Anupama Kaul, Program Director, Electronics, Photonics and Magnetic Devices
Sohi Rastegar, Office Head, EFRI

2:30-2:45 *Break*

2:45-3:15 **Engineering Education and Centers (EEC) Overview**
Theresa Maldonado, Division Director, EEC

3:15-4:00 **EEC Committee of Visitors (COV) Report**
David Spencer, COV Chair

4:00-5:00 **Improving Undergraduate STEM Education (IUSE)**
Joan Ferrini-Mundy, NSF Assistant Director for Education and Human Resources
Professional Formation of Engineers
Donna Riley, Program Director, Engineering Education

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5:00-5:30 Prepare for Discussion with France Córdoba, NSF Director, and Cora Marrett, NSF Deputy Director

5:30 *Adjourn for the day*

DAY 2 THURSDAY, APRIL 24, 2014

8:00-8:30 *Light Refreshments*

8:30-9:30 **Perspectives from the Office of the Director**
France Córdoba, NSF Director, and Cora Marrett, NSF Deputy Director

9:30-10:00 **NSF Strategic Plan and Strategic Review Process**
Pamela O'Neil, Deputy Performance Improvement Officer, Budget Office

10:00-10:15 *Break*

10:15-11:15 **Transparency and Accountability**
Peter Arzberger, Senior Science Advisor, Office of the Director
Mark Weiss, Division Director, Behavioral and Cognitive Sciences

11:15-12:15 **Report on Support for Statistical Sciences at NSF (StatSNSF)**
Alison Flatau, ENG Advisory Committee representative to StatSNSF

12:15-1:00 *Lunch*

1:00-1:30 **Industrial Innovation and Partnerships (IIP) Overview**
Grace Wang, Division Director, IIP

1:30-2:00 **IIP Committee of Visitors (COV) Report**
Tom Knight, COV Chair

2:00-2:30 **AdCom Member Topics**
Roundtable on ENG Strategic Activities and Recommendations
Discussion led by Alison Flatau, Acting ENG Advisory Committee Chair

2:30-2:45 **Closing Remarks and Wrap Up**
Alison Flatau, Acting ENG Advisory Committee Chair
Pramod Khargonekar, NSF Assistant Director for Engineering

2:45 *Adjourn*