



Directorate for Mathematical and Physical Sciences (MPS) Advisory Committee Meeting
October 31 - November 1, 2024
National Science Foundation
Hybrid Meeting

Day 1, Thursday, October 31

- 10:00 AM – 10:10 AM** **Call to Order and Official Opening of the Meeting**
Approval of Minutes of the March 2024 MPS Meeting
AC: Cornelia Lang, The University of Iowa
AC: Suzanne Weekes, Society for Industrial and Applied Mathematics (SIAM)
- 10:10 AM – 10:40 AM** **MPS Directorate Update**
NSF: David Berkowitz, MPS Assistant Director
- 10:40 AM-11:20 AM** **Research Security at NSF**
NSF: Sara Barber, Science Policy Advisor, Office of the Director (OD)
Chief of Research Security Strategy and Policy (CRSSP)
NSF: Dean Evasius, Senior Advisor, CRSSP
- 11:20 AM – 12:00 PM** **CHIPS and Science Act Requirement for NSF Investment in EPSCoR jurisdictions**
NSF: Sandra Richardson, Section Head, Office of Integrative Activities (OIA), Office of the Director (OD)
- 12:00 PM – 1:30 PM** **Break**
- 1:30 PM – 1:50 PM** **Science Highlight: Using New Mathematics to Explore Key Features and Phenomena in Biology**
NSF: Zhilan Feng, Program Director, Division of Mathematical Sciences
NSF: Kathryn Dickson, Program Director, Division of Integrative Organismal Systems, Biological Sciences Directorate
- 1:50 PM – 2:50 PM** **DMS COV Report**
DMS COV Co-chair: Irene Fonseca, Carnegie Mellon University
DMS COV Co-chair: Ruth Charney, Brandeis University
- 2:50 PM – 3:05 PM** **Break**
- 3:05 PM – 3:45 PM** **MPS Participation in AI Institutes**
AST: Andreas Berlind, Program Director
CHE: Laura Anderson, Program Director
DMR: John Schlueter, Program Director
DMS: Stacey Levine, Program Director
PHY: James Shank; Slava Lukin, Program Directors
- 3:45 PM – 4:15 PM** **Broader Impacts of MPS Facilities**
NSF: Tim Spuck, Staff Associate for Facilities; Directorate for Mathematical and Physical Sciences (MPS)
- 4:15 PM – 4:55 PM** **Preparation for meeting with the NSF Director, CSO, and CoS**
- 4:55 PM – 5:10 PM** **Closing Remarks and Adjourn for the Day**



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Day 2, Friday, November 1

- 9:20 AM – 9:30 AM** **Welcome and Overview of Agenda.**
AC: Cornelia Lang, The University of Iowa
AC: Suzanne Weekes, SIAM
- 9:30 AM – 9:50 AM** **Science Highlight: Ultra-Fast Development of Portable Small Molecule Sensor-Actuators**
NSF: Tingyu Li, Program Director, Division of Chemistry
NSF: Pui Shing Ho, Program Director, Division of Chemistry
- 9:50 AM – 10:50 AM** **CHE COV Report**
COV Co-chair: Jeanne Pemberton, University of Arizona
COV Co-chair: Scott Rychnovsky, University of California, Irvine
- 10:50 AM – 11:05 AM** **Break**
- 11:05 AM – 11:45 AM** **NSF Budget Presentation**
NSF: Caitlyn Fife, Division Director, Budget Division (DOB), Office of Budget, Finance and Award Management (BFA)
- 11:45 AM - 1:15 PM** **Break**
- 1:15 PM - 1:45 PM** **Meeting with NSF Director, CSO, and CoS**
NSF: Sethuraman Panchanathan, NSF Director
NSF: Karen Marrongelle, NSF Chief Science Officer
NSF: Brian Stone, NSF Director Chief of Staff
- 1:45 PM – 2:00 PM** **Closing Remarks**
AC: Cornelia Lang, The University of Iowa
AC: Suzanne Weekes, SIAM
NSF: David Berkowitz, MPS Assistant Director
- 2:00 PM** **Adjournment**