

MPS Advisory Committee Meeting

January 23, 2015

The meeting began at 12:30 PM. NSF representatives, Chairman Juan de Pablo, and other guests were present in the room (1235 Stafford I). MPS Advisory Committee (MPSAC) members participated remotely. See appendix for details. All presentations are available at http://www.nsf.gov/events/event_summ.jsp?cntn_id=133691&org=MPS under “Briefing Book.”

12:30 PM: Welcome and Approval of Minutes –Juan de Pablo, Eduardo Misawa

Dr. de Pablo welcomed all to the MPS Advisory Committee Meeting with around-the-room introductions. Dr. Misawa provided a briefing explaining that the MPSAC meeting follows the FACA policy. Dr. Misawa also noted that federal employee government rules and ethics apply to committee members during their time serving the MPSAC.

Dr. de Pablo requested approval of November 2014 MPSAC meeting minutes, and they were unanimously approved.

12:45 PM: State of the Directorate – Fleming Crim

Dr. Crim presented the state of the MPS Directorate, including a science hors d’oeuvre, MPS personnel changes, status of the FY 2015 and FY 2016 budgets, update on AST facilities under construction and operations re-competes, program updates, and agenda. There was no discussion.

1:30 PM: Report from the Subcommittee on the NSF Response to the P5 Report on Particle Physics –Young-Kee Kim

Dr. Kim presented the report from the Subcommittee on the NSF Response to the P5 Report on Particle Physics. Discussion included the gap in funding for projects in the scale between MRIs and MREFCs and a need to fill that gap. It was noted that the definition of project scales are agency-dependent, and that NSF should continue to find ways to support projects that would fall in that gap. The report will be posted online.

Report accepted unanimously.

2:30 PM: Public/Private Partnerships –Jennifer Pearl

Dr. Pearl presented an update on the progression of planning a workshop around partnerships between NSF and non-profit funders of basic research in MPS fields. Discussion focused on potential participants, “research performing” vs. “research funding” organizations, criteria for selecting participants, and the inclusion of successful example partnerships at the workshop to highlight best practices and potential challenges.

3:15 PM: Report from MPS Liaison to Advisory Committee for Environmental Research and Education.

Dr. Michelle Buchanan in her role as liaison to the [ERE-AC](#) presented an update on their recent activities. She provided an update from a recent meeting (September 2014) of the ERE-AC. She noted they are

working on several reports to inform their respective communities. Discussion included possible interactions between the ERE-AC Food Systems Group and related MPS programs.

3:45 PM: Report from MPS Liaison to Advisory Committee for Cyberinfrastructure

Dr. Meza reported on the AC for Cyberinfrastructure. The discussion centered on the need for interoperability of both coding and data to be an included focus on the AC for Cyberinfrastructure, as well as reproducibility. It was noted that domain scientists as well as computer scientists should be involved in these discussions.

4:15 PM: Report from MPS Liaison to Advisory Committee for International Science and Engineering

Dr. Harrison reported on the AC for International Science and Engineering. ISE will be reabsorbed into the OD and a search for a new office head is underway and will hopefully be on board in the first half of the year. The AC for ISE has been working on a report on the evaluation of its overseas offices for OMB, which has resulted in the Paris office being moved to Brussels and the recommendation of looking at Latin America and Southeast Asia for potential new offices. ISE has 3 themes: 1) Research is global; 2) Go beyond individual PIs to the larger community; and 3) Global leadership.

4:45 PM: Closing Discussions

Discussion was brief and centered on agenda topics for the next meeting.

5:00 PM: Adjourn

Appendix 1:

Attendees of January 23, 2015 MPS Advisory Committee meeting:

* indicates remote participant by videoconference

NSF STAFF

Keith Bennett
Denise Caldwell
Clark Cooper
Fleming Crim
Sara Dwyer
Mary Galvin-Donoghue
John Gillaspay
Sue Hamm
Bradley Keister
Gregory Mack
Kathy McCloud
Bogdan Milhaila
Eduardo Misawa
Allena Opper
Jennifer Pearl
Randy Phelps
Celeste Rohlfling
Linda Sapochak
Paul Spyropoulos
Jim Ulvestad
Michael Vogelius
Henry Warchall
Renee Wilkerson

MEMBERS

Robert Bryant*
Emily Carter*
George Crabtree*
Bruce Elmegreen*
Juan de Pablo, Chair
Juan Meza*
Catherine Pilachowski*
William Zajc*