



Directorate for Mathematical and Physical Sciences (MPS) Advisory Committee Meeting  
May 2-3, 2019 (all times ET)

National Science Foundation  
2415 Eisenhower Ave, Alexandria, VA, Room E2030

AGENDA

<b>Thursday, May 2, 2019</b>	
8:30 – 8:55	Call to Order and Official Opening of the Meeting - <i>Anne Kinney, Assistant Director, MPS</i> FACA and COI Briefing Approval of Prior Meeting Minutes - <i>Catherine Pilachowski, MPS AC Chair</i>
8:55 – 9:25	UPDATE: MPS - <i>Anne Kinney, Assistant Director, MPS</i>
9:25	Arrangements for joining two sessions
9:30	Beginning of joint MPS – OPP ACs session /no formal votes allowed/
9:30 – 10:20	Joint MPS AC and OPP AC session – Discussion Panel – <i>Kelly Falkner, Director, OPP, Anne Kinney, Assistant Director, MPS, Abigail Vieregg, AC-OPP, James Whitmore, Program Director, PHY, Vladimir Papitashvili, Program Director, OPP</i>
10:45	End of joint session /back to regular proceedings/
10:45 – 11:00	Break
11:00 – 11:30	OLPA Presentation - <i>Amanda Greenwell, Office Head, OLPA</i>
11:30 – 11:45	MPS Comms Team presentation
11:45 – 12:15	DISCUSSION: Communications and Branding
12:15 – 1:15	Lunch. Topic for unstructured lunch conversations – role of individual PIs vs small and large teams in transformative and translational science/ reading materials distributed prior to meeting
1:15 – 1:45	DISCUSSION: translational vs transformative as function of team size – <i>Carol Bessel, Acting Division Director, CHE</i>
1:45 – 1:55	UPDATE: Frontiers of Materials Research: A Decadal Survey – <i>Linda Sapochak, Division Director, DMR</i>
1:55 – 2:10	DISCUSSION: Decadal Survey
2:10 – 2:40	Preparation for meeting with NSF Chief Operating Officer Dr. Fleming Crim
2:40 – 3:00	Synthetic Biology – presentation of MPS involvement and plans / community report distributed prior to meeting/ rationale for possible MPS AC subcommittee/ - <i>Germano Iannacchione, Program Director, DMR</i>
3:00 – 3:30	DISCUSSION: SynBio/subcommittee
3:30 – 3:40	UPDATE: Cross – divisional collaboration within MPS – <i>Deborah Lockhart, Deputy Assistant Director, MPS</i>
3:40 – 4:00	DISCUSSION: collaboration
4:00	Closing remarks and adjourn for the day
<b>Friday, May 3, 2019</b>	
8:30 – 8:40	Call to Order and Official Opening of the 2 <sup>nd</sup> Day – <i>Anne Kinney, Assistant Director, MPS</i> FACA Briefing
8:40 – 9:00	UPDATE + DISCUSSION: Spectrum Management – <i>Ashley Zauderer, Program Director, AST</i>
9:00 – 10:00	Meeting and discussion with NSF Chief Operating Officer Dr. Fleming Crim
10:00 – 10:30	UPDATE: NSF Big Idea - Quantum Leap / update from Quantum Leap Steering Committee and Quantum Leap Working Group – <i>Denise Caldwell, Division Director, PHY, and Hank Warchall, Senior Advisor, DMS</i>
10:30 – 11:00	DISCUSSION: Quantum Leap
11:00 – 11:30	Break with unstructured discussion. During break: presentation of 3-minute videos made by NSF PIs explaining how math relates to their research as part of the “We Are Mathematics” competition – <i>Catherine Paolucci, AAAS Fellow, DMS</i>
11:30 – 12:30	Recap and revisit of the meeting so far + action items for the next meeting
12:30	Adjourn - <i>Anne Kinney, Assistant Director, MPS</i>