



**2009 Math and Science Partnership (MSP) Learning Network Conference**  
***Research Findings in Teacher Education: New Approaches → Transformative Possibilities?***

**January 25 – 27, 2009**

**Renaissance Hotel – Washington, DC**  
**999 Ninth Street, NW**

**Sunday, January 25<sup>th</sup>**

2:00 pm – 6:00 pm      Registration

2:30 pm – 5:30 pm      Orientation for New Awardees

**Monday, January 26<sup>th</sup>**

7:30 am – 8:30 am      Refreshments and Registration

8:30 am – 8:45 am      Opening Plenary  
Daniel Maki, MSP Program Lead, and Kathleen Bergin, MSP Program Officer,  
NSF

8:45 am – 9:45 am      Introduction: James Hamos, MSP Program Officer, NSF  
Keynote Address – ***How Do We Attain Better Quality Math and Science Teachers?***  
Arthur Levine, President, Woodrow Wilson Foundation

9:45 am – 10:00 am      Break, Refreshments and Transition to Breakout Session #1

10:00 am – 11:15 am      Breakout Session #1

11:15 am – 11:25 am      Transition to Breakout Session #2

11:25 am – 12:40 pm      Breakout Session #2

12:40 pm – 1:50 pm      Lunch – Greet and Meet New Awardees  
Introduction of Activity: Ginger Rowell, MSP Program Officer, NSF

1:50 pm – 2:00 pm      Transition to Breakout Session #3

2:00 pm – 3:15 pm      Breakout Session #3

3:15 pm – 3:30 pm      Break with Refreshments

- 3:30 pm – 4:30 pm Introduction: Lance Perez and Daphne Rainey, MSP Program Officers, NSF  
Plenary – ***The MSP Program at the U.S. Department of Education: What Do the Projects Look Like and What Are We Learning?***  
Patricia O’Connell Johnson, Team Leader, MSP Program, Office of Elementary and Secondary Education, U.S. Department of Education  
Meera Chandrasekhar, Department of Physics and Astronomy, University of Missouri  
Keith Murray, M.A. Henry Consulting, LLC  
Roger Verhey, Department of Mathematics and Statistics, University of Michigan – Dearborn  
Carolyn Siebers, Wayne County Regional Educational Service Agency  
Fred Frost, Wayne County Regional Educational Service Agency
- 4:30 pm – 5:30 pm Project Networking Time
- 5:30 pm – 6:30 pm Refreshments – ***Remarks on Program Coordination: MSP Programs at the National Science Foundation and the U.S. Department of Education***  
Daniel Maki, MSP Program Lead, National Science Foundation  
Patricia O’Connell Johnson, Team Leader, MSP Program, Office of Elementary and Secondary Education, U.S. Department of Education

## **Tuesday, January 27<sup>th</sup>**

- 7:30 am – 8:30 am Breakfast On Your Own – Hot Beverages Provided
- 8:30 am – 10:00 am Introduction: Elizabeth VanderPutten, MSP Program Officer, NSF  
Plenary – ***Determining What We Know and How Well We Know It: The Promises and Perils of Knowledge Management***  
Iris Weiss, President, Horizon Research, Inc. and Barbara Miller, Co-Director, Center for Leadership and Learning Communities, Education Development Center, Inc.
- 10:00 am – 10:15 am Break with Refreshments
- 10:15 am – 11:15 am Introduction: Kathleen Bergin, MSP Program Officer, NSF  
Keynote Address – ***Improving the Teaching of Science through Discipline-based Education Research: An Example from Physics***  
Lillian McDermott, Professor of Physics and Director, Physics Education Group, University of Washington
- 11:15 am – 11:30 am Transition to Breakout Session #4
- 11:30 am – 12:45 pm Breakout Session #4
- 12:45 pm – 2:15 pm Lunch and Introduction to Panel: Joan Prival, MSP Program Officer, NSF  
Panel – ***New Directions in Teacher Education at NSF***  
Cora Marrett, Acting Deputy Director, National Science Foundation  
Linda Slakey, Division Director, Division of Undergraduate Education  
Joan Prival, Lead Program Officer, Robert Noyce Teacher Scholarship Program, Division of Undergraduate Education
- 2:15 pm Adjourn