



MATHEMATICS AND SCIENCE PARTNERSHIPS PROGRAM

Regional Conference

The Renaissance Washington, DC Hotel

999 Ninth Street, NW

Washington, DC 20001

202-898-9000

January 11 – 13, 2010

AGENDA

Monday, January 11, 2010	Day 1	Program Administration Meeting
7:30 am – 6:00 pm	Conference Registration	
8:30 am – 12:00 pm	State Coordinators' Pre-Conference Session, Meeting Room 16 <i>Miriam Lund</i> , U.S. Department of Education	
12:00 pm – 1:00 pm	Lunch	
1:00 pm – 2:30 pm	State Coordinators' Pre-Conference Session (continued), Meeting Room 16 <i>Pat O'Connell Johnson</i> , U.S. Department of Education	
1:00 pm – 2:30 pm	Program Administration Pre-Conference Session, Ballroom South <i>Miriam Lund</i> , U.S. Department of Education	
2:30 pm – 3:00 pm	Break	
3:00 pm – 4:30 pm	Program Evaluation Pre-Conference Session, Meeting Room 16 <i>Pat O'Connell Johnson</i> , U.S. Department of Education <i>Ellen Bobronnikov & Hilary Rhodes</i> , Abt Associates Inc.	

The information that is included in the conference materials or provided by conference presenters is intended to serve as a resource for participants.

It should not be construed in any way as an endorsement by the U.S. Department of Education (Department) of particular materials, products, services, or approaches or as an attempt by the Department to mandate, direct, or control the curriculum, program of instruction, or assessments of a State, local educational agency, or school. Consistent with the Mathematics and Science Partnership (MSP) statutory requirements, States have the flexibility to determine how best to use the MSP funds in a manner consistent with the MSP statutory requirements.

MATHEMATICS AND SCIENCE PARTNERSHIPS PROGRAM

Tuesday, January 12, 2010

Day 2

7:30 am – 8:30 am **Registration**

7:30 am – 8:30 am **Continental Breakfast**, Ballroom South

8:00 am – 8:15 am **Special Briefing for Breakout Presenters**, Ballroom South
Miriam Lund, U.S. Department of Education

8:30 am – 9:00 am **Welcome**, Ballroom South
Pat O'Connell Johnson, U.S. Department of Education
Thelma Meléndez de Santa Ana, Assistant Secretary, U.S. Department of Education

9:00 am – 10:00 am **Plenary Session on Common Core State Standards**, Ballroom South
Ilene Berman, NGA Center for Best Practices
Bill McCallum, Lead for Common Core State Standards Initiative, Mathematics Standards Development Work Group, University of Arizona

10:00 am – 10:15 am **Break**

10:15 am – 11:15 am **Breakout Sessions**

Continuing Discussion with Ilene Berman, Ballroom South

MSP Projects Focusing on Master's Degree Programs, Meeting Room 13
Aurora University and Community Partners Implement New Master's Degree in Teacher Leadership in Math and Science

Hans Beck, Jane Davis, Sherry Eagle, & Saib Othman (IL)
A Masters Degree in Middle-School Mathematics
Daniel Ullman (DC)

MSP Projects Focusing on Elementary Math, Meeting Room 14
Greene County M.A.P.P. (Mathematics Advancement Partnership Project): Reforming Elementary Math Education Through Collaboration & PD

Shirley Byrer & Sophie Haywood (IN)
Supporting Standards-Based Mathematics Instruction
Drew Polly & Barbara Bissel (NC)
Sowing the Seeds of Math Improvement
Linda Santry (MA)

MSP Projects Focusing on Science, Meeting Room 15
Friendship Public Charter School for Highly Qualified Science Teachers
Cherice Greene, Paul T. Bucci, & Bosun Jang (DC)
Preparation of Teachers for the Biology End-of-Course Exam
Barbara Speziale (SC)

11:15 am – 11:30 am **Break**

MATHEMATICS AND SCIENCE PARTNERSHIPS PROGRAM

11:30 am – 12:30 pm **Plenary Session on Research and Resources for MSP Projects**, Ballroom South

Iris Weiss & Eric Banilower, Horizon Research

Bill McCallum, University of Arizona

Joni Falk, Center for School Reform at TERC

12:30 pm – 1:30 pm **Lunch**

1:30 pm – 2:15 pm **Breakout Sessions**

Continuing Discussion with Iris Weiss & Eric Banilower, Meeting Room 13

Continuing Discussion with Bill McCallum, Meeting Room 14

Continuing Discussion with Joni Falk, Ballroom South

2:15 pm – 2:30 pm **Break**

2:30 pm – 3:15 pm **Plenary Session on the National Science Foundation's MSP Program**, Ballroom South

Kathleen Bergin & Jim Hamos, National Science Foundation

3:15 pm – 3:30 pm **Break**

3:30 pm – 4:30 pm **Breakout Sessions**

Continuing Discussion with Kathleen Bergin, Jim Hamos, & Hannah Sevian, Meeting Room 13

MSP Projects Focusing on Math & Science, Meeting Room 14

Mathematics and Physical Science Summer Workshop/Institutes at Aurora University

Chetna Patel (IL)

Vertical Alignment of STEM Curriculum

Michael Odell & Teresa Kennedy (TX)

MSP Projects Focusing on MSP Performance, Meeting Room 15

Electronic Database for Tracking Professional Development using Microsoft Access

Christine Howard & Lynne M. Tompkins (NY)

Learning from Classroom Video: The School-Based Teacher Leaders Project

Jon Manon & Janice McCarthy (DE)

MSP Projects Focusing on Elementary Science and Engineering, Ballroom South

Increasing Elementary Teachers' and Students' Content Knowledge Through Inquiry-Based Science and Engineering Design Activities

Augusto Macalalag & Mercedes McKay (NJ)

Elementary Education Teachers' Understanding of Light Matter Interactions

Simeon Mbewe & Frackson Mumba (IL)

4:45 pm – 6:00 pm **Networking Reception**, Congressional Hall C

MATHEMATICS AND SCIENCE PARTNERSHIPS PROGRAM

Wednesday, January 13, 2010

Day 3

- 7:30 am – 8:30 am **Registration**
- 7:30 am – 8:30 am **Continental Breakfast**, Ballroom South
- 8:30 am – 9:30 am **Plenary Session on the Federal Government’s Education Initiatives**,
Ballroom South
- Joe Conaty, Director, Academic Improvement and Teacher Quality*, U.S.
Department of Education
Michael Lach, Special Advisor to the Secretary for Science, U.S. Department
of Education
Jan Cuny, National Lab Day Initiative, National Science Foundation
- 9:30 am – 9:45 am **Break**
- 9:45 am – 10:45 am **Breakout Sessions**
- Discussion of Race to the Top with Michael Lach*, Ballroom South
- Continuing Discussion with Jan Cuny*, Meeting Room 13
- The NSTA Learning Center: Scalable and Sustainable e-Professional
Development and the Science Program Improvement Review*, Zipporah Miller,
Wendy Binder, and Flavio Mendez, National Science Teachers Association, Meeting
Room 14
- Federal Science Education Opportunities with NIH and NASA*, Bruce Fuchs
(NIH) and Joyce Winterton (NASA), Meeting Room 15
- 10:45 am – 11:00 am **Break**
- 11:00 am – 11:15 am **Highlights from MSP Annual Report Performance Period 2007**, Ballroom
South
Pat O’Connell Johnson, U.S. Department of Education
- 11:15 am – 12:15 pm **Plenary Session on Gaming and Simulations**, Ballroom South
Scot Osterweil, Massachusetts Institute of Technology
Diane Jass Ketelhut, Temple University
- 12:15 pm – 12:30 pm **Conference Conclusions**, Ballroom South
Pat O’Connell Johnson, U.S. Department of Education

For additional information on the MSP Programs at ED, visit the website at www.ed-msp.net.