



MATHEMATICS AND SCIENCE PARTNERSHIPS PROGRAM

Regional Conference

Loews Coronado Bay Hotel

4000 Coronado Bay Rd

Coronado, CA 92118

(619) 424-4000

February 22 – 24, 2010

AGENDA

Monday, February 22, 2010	Day 1	Pre-Conference Sessions
7:30 am – 5:00 pm	Conference Registration	
7:30 am – 8:30 am	Continental Breakfast, Commodore A	
8:30 am – 10:15 am	State Coordinators' Pre-Conference Meeting, Commodore A <i>Miriam Lund</i> , U.S. Department of Education	
10:15 am – 10:30 am	Break	
10:30 am – 12:00 pm	State Coordinators' Pre-Conference Meeting (continued), Commodore A <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 Meeting (continued), Commodore A <i>Pat O'Connell Johnson</i> , U.S. Department of Education	
1:00 pm – 2:30 pm	NEW Grantee Pre-Conference Session, Commodore B <i>Miriam Lund</i> , U.S. Department of Education <i>Ellen Bobronnikov</i> , Abt Associates Inc.	
2:30 pm – 2:45 pm	Break	
2:45 pm – 4:15 pm	Program Evaluation Pre-Conference Session, Commodore C, D, & E <i>Pat O'Connell Johnson</i> , U.S. Department of Education <i>Hilary Rhodes & Ellen Bobronnikov</i> , Abt Associates Inc.	
4:15 pm – 5:15 pm	Poster Session Set-Up, Commodore C, D & E	

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.

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Tuesday, February 23, 2010	Day 2	Full Conference
7:30 am – 10:00 am	Registration	
7:30 am – 8:30 am	Continental Breakfast & Poster Session, Commodore C, D & E	
8:15 am – 8:30 am	Special Briefing for Breakout Presenters, Commodore C, D, & E <i>Miriam Lund</i> , U.S. Department of Education	
8:30 am - 8:45 am	Welcome, Commodore C, D, & E <i>Pat O'Connell Johnson</i> , U.S. Department of Education	
8:45 am – 9:30 am	Plenary Session on Common Core State Standards, Commodore C, D, & E <i>Chris Minnich</i> , Strategic Initiative Director, Standards, Assessment & Accountability, The Council of Chief State School Officers (CCSSO) <i>Bill McCallum</i> , Lead for Common Core State Standards Initiative, Mathematics Standards Development Work Group, University of Arizona	
9:45 am – 10:30 am	Plenary Session on the National Science Foundation's MSP Program, Commodore C, D, & E <i>Jim Hamos</i> , National Science Foundation	
10:30 am – 10:45 am	Break	
10:45 am – 11:45 am	Breakout Sessions	
	<i>Continuing Discussion with Jim Hamos</i> , Commodore C, D, & E	
	<i>Teaching Algebra (Grades 9-12)</i> , Commodore B Putting Algebra to Work <i>Lawrence Flick, Rebekah Elliott, & Jennifer Bachman (OR)</i> Algebra for All Statewide <i>Roger Verbey, Frederica Frost & Carolyn Siebers (MI)</i>	
	<i>Focus on the Elementary Years</i> , Britannia and Cambria STEM / MSP Partnership in Utica City School District <i>Cathy DiBernardo & Kate Toms (NY)</i> Connecting the Dots: K-2 Math <i>Jeanne Glover & Lana Rhoads (AR)</i>	
	<i>Developing High Quality Science Teachers</i> , Commodore A Project PASS: Professional Development as a Means to Achieving Classroom Reform and Science Proficiency <i>Kent Crippen, Ellen Ebert, & Kevin Biesinger (NV)</i> Science Teachers as Learners and Coaches <i>Cynthia A. Miller & Karen Yanowitz (AR)</i>	
	<i>The Middle School Years</i> , Constellation A Northwest Illinois Math & Science (NIMS) Partnership: A Longitudinal, Integrated Math/Science Project, 2004-2010 <i>Amy Sandgren, Karen Reck, Bob Mann, LaVerne Logan (IL), & Melfried Olson (HI)</i> ITEAMS: Re-Engineering STEM Education <i>Mansour Tabernezghadi & Penny Billman (IL)</i>	
11:45 am – 12:45 pm	Lunch	

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- 12:45 pm – 1:45 pm **Plenary Session on Gaming and Simulations**, Commodore C, D, & E
Scot Osterweil, Massachusetts Institute of Technology
Diane Jass Ketelhut, Temple University
- 1:45 pm – 2:00 pm **Break**
- 2:00 pm – 2:45 pm **Breakout Sessions**

Continuing Discussion with Scot Osterweil, Commodore C, D, & E
Continuing Discussion with Diane Jass Ketelhut, Commodore A
Continuing Discussion with Chris Minnich & Bill McCallum, Constellation A
- 2:45 pm – 3:00 pm **Break**
- 3:00 pm – 4:15 pm **Breakout Sessions**

Lessons Learned from MSPs, Commodore C, D, & E
AFAMaC: Experiences and Challenges after Four Years
Luis Cáceres, José R. López, & Raúl E. Macchianelli (PR)
The Up's, Down's, and All Around's of Our MSP Project
Mindy Hart, Zachary Grigsby, William S. Walker, & Pamela McClure (IN)
Developing Reflective Teacher Leaders: Lessons Learned from the Northwest GA Science Education Partnership
Greg Rushton & Sally Creel (GA)
- What We've Accomplished: Impacts of MSP Projects**, Commodore B
Assessing the Impact of Arkansas' 2008-2009 MSP Projects on Teacher Content Knowledge
Gwen Olmstead, Charles Stegman, & Judy Trowell (AR)
Developing Mathematical Thinking: Impacts on Teachers and Students
Jonathan Brendefur, John Sutton, & Dan Jesse (CO)
A Classroom Observation Protocol to Assess PD Implementation for a Middle School-level Science MSP in CO
Deborah Cearley, Tim Daniels, & Marsha Daniels (AR)
- Developing High Quality Math Teachers**, Britannia and Cambria
Professional Development Through Lesson Study - Central Valley Mathematics Project Experience
Rajee Amarasinghe, Stephen Price, & Stella Bohn (CA)
Deep and Practical Teacher Content Knowledge via Connections between Grade Levels
Ted Stanford & Wanda Bulger-Tamez (NM)
When ELL Students in High-Need Districts Outperform the State Average: A Systems Approach to Closing the Achievement Gap
Karin Wiburg & Wanda Bulger-Tamez (NM)
- Developing High Quality Math and Science K-8 Teachers**, Constellation A
School Year Based Inquiry Learning (SYBIL) with Elementary and Middle School Teachers
Bruce Patton, Jennifer Esswein, & Jerome Mescher (OH)
Establishing the Baseline for Graduate Online Learning: First Year Progress of the Central Oregon Consortium for Integrating Technology with Science and Math Learning in Grades K-8
Tina Johnston (OR)
Scores Soar with Research-Based Learning
Ruth Harbin Miles, Connie Schrock, & Ruth Heinrichs (KS)
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Evaluation of MSP Projects, Commodore A
A Classroom Observation Protocol to Assess PD Implementation for a Middle School-level Science MSP in CO
Steve Getty (CO)
Action Research to Improve Math and Science Education: Results from 10 Case Studies in Puerto Rico
Oscar Saenz & Mylord Reyes (PR)
Coaching, Teacher, and Student Evaluations for the Pasadena Math Pipeline Partnership
James Maloney (CA)

4:15 pm – 4:30 pm **Break**

4:30 pm – 6:00 pm **Networking Reception**, Bay Terrace

Wednesday, February 24, 2010	Day 3	Full Conference
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7:00 am – 8:00 am **Registration**

7:00 am – 8:00 am **Continental Breakfast & Poster Session**, Commodore C, D & E

8:00 am – 9:00 am **Plenary Session on the National Lab Day Initiative**, Commodore C, D, & E
Jan Cuny, National Science Foundation

9:00 am – 9:15 am **Break**

9:15 am – 9:30 am **Highlights from MSP Annual Report Performance Period 2007**, Commodore C, D, & E
Pat O'Connell Johnson, U.S. Department of Education

9:30 am – 10:30 am **Plenary Session on Opportunities for MSP Projects**, Commodore C, D, & E
Aubrey Neihaus, Intel Math Program Institute for Mathematics and Education, University of Arizona
Eric Banilower, Horizon Research

10:30 am – 10:45 am **Break**

10:45 am – 11:30 am **Breakout Sessions**
Continuing Discussion with Eric Banilower, Commodore C, D, & E
Continuing Discussion with Jan Cuny, Commodore B
Continuing Discussion with Aubrey Neihaus and Julie Dunkle, Intel Corporation, Britannia and Cambria

11:30 am – 12:15 pm **Panel Discussion – Insights from 3 MSP Projects**, Commodore C, D, & E

12:15 pm – 12:30 pm **Conference Conclusions**, Commodore C, D, & E
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.