

Session Number	1st Presenter's Last Name	Title of Presentation	MSP Project Name	Discipline(s)	LNC Strand	Meeting Room No.
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BREAKOUT SESSION #1 - MONDAY, JANUARY 26, 2009, 10:00 AM - 11:15 AM

1	Bernotsky	Towards Creating a Feedback Loop: Assessing Perceptions of Teacher Preparedness and Beliefs About Student Learning Amongst Math Teachers, University Faculty, and School District Administrators	Math Science Partnership of Greater Philadelphia	Math & Science	Pre-Service	2
2	Arce	Non Traditional Pre-Service Teacher Experiences as Assistant Professional Development Trainers and as Scientific Research Apprentices	Puerto Rico Math and Science Partnership	Science	Pre-Service	3
3	Shanahan	What do Teacher Leaders Value About Regional STEM Professional Learning Communities?	Faculty Outreach Collaborations Uniting Scientists, Students and Schools	Math & Science	Teacher Leaders	4
4	Fonzi	Lessons Learned From an MSP: Invest in Teacher Leadership	Deepening Everyone's Mathematics Content Knowledge	Math	Teacher Leaders	5
5	Burghardt	A Model of Math Infusion in Middle School STEM Curriculum	Mathematics Across the Middle School Curriculum	Math	Learning Communities	8
6	Karp	Collaborative Coaching and Learning in Science (CCLS) – An Effective Professional Learning Community Model	Boston Science Partnership	Science	Learning Communities	9
7	Burrill	Making Teaching Public in a Math Centered Learning Environment: What Did We Learn?	Institute for Advanced Study/Park City Mathematics Institute	Math	Learning Communities	10
8	Murray	A Case of Early Positive Results in Student Gains: The Institute for Chemistry Literacy Through Computational Science MSP	Institute for Chemistry Literacy Through Computational Science	Science	Other In-Service	12
9	Scantlebury	Does Sustained Science Content Based Professional Development Make a Difference to Students' Science Achievement?	Penn Science Teacher Institute	Science	Other In-Service	13
10	Laird	Design-Based Research: The Ongoing Assessment Project (OGAP)	Vermont Mathematics Partnership	Math	Other In-Service	14
11	Walker	Using an HLM Growth Curve Analysis to Determine the Impact of the Milwaukee Mathematics Partnership on Increasing Student Achievement in Mathematics	Milwaukee Mathematics Partnership	Math	Other In-Service	15
12	Royster	The Successful Partnership Enhancement Program (PEP) Model in Appalachian Schools	Appalachian Math and Science Partnership	Math & Science	Other In-Service	16

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	– Teacher Leaders Strand
	– Learning Communities Strand
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BREAKOUT SESSION #2 - MONDAY, JANUARY 26, 2009, 11:25 AM - 12:40 PM

13	Soto	Institutional & Environmental Factors Impacting the Decision of Community College Students to Remain in the Future Math & Science Teacher Pipeline: A Study of UCI TEACH Math & Science Participants from 2003-2007	Faculty Outreach Collaborations Uniting Scientists, Students and Schools	Math & Science	Pre-Service	2
14	Mayer	Incorporating Inquiry-Based Class Sessions with Computer Assisted Instruction	Greater Birmingham Mathematics Partnership	Math	Pre-Service	3
15	Dick	Improving Mathematics Discourse Among Students: Results and Lessons Learned from a 4-Year Study	Oregon Mathematics Leadership Institute	Math	Teacher Leaders	4
16	Coleman	Developing Teacher Leaders	Partnership for Reform in Science and Mathematics	Math & Science	Teacher Leaders	5
17	Irish	Developing STEM Academies Through the STEM Academy Measurement Tool	UMBC-BCPS STEM Project	Math & Science	Learning Communities	8
18	Oehrtman	Supporting and Evaluating Professional Collaboration Among Secondary Mathematics and Science Teachers	Project Pathways	Math & Science	Learning Communities	9
19	Lamm	Relationship of Professional Development Participation to Observed Changes in Teacher Practice and Student Outcomes	Alliance for the Improvement of Mathematics Skills PreK-16	Math	Other In-Service	10
20	Beardsley	Sustainable Intellectual Growth of Elementary School Teachers in Science Content and in Science Pedagogical Content	Fulcrum Institute for Leadership in Science Education	Science	Other In-Service	12
21	May	A Multi-Method Approach for Assessing Changes in Teacher Performance in a Life Sciences Teacher Institute	Washington University Life Sciences Teacher Institute	Science	Other In-Service	13
22	Copolo	TASC Impact on Student Learning and Classroom Practices	Teachers And Scientists Collaborating	Science	Other In-Service	14
23	Hill	Using the LMT Mathematical Knowledge for Teaching Measures: A Refresher Course in Data Analysis	Creation and Dissemination of Upper-elementary Mathematics Assessment Modules	Math	Special Interest Session	15
24	Feldman	One MSP's Journey to the Center of the MSP-MIS Datasphere: A Quest for Practical Application	Math Science Partnership of Greater Philadelphia	Math & Science	Special Interest Session	16

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BREAKOUT SESSION #3 - MONDAY, JANUARY 26, 2009, 2:00 PM - 3:15 PM

25	Irish	STEM Intern Model Highlighting a Year-Long Internship	UMBC-BCPS STEM Project	Math & Science	Pre-Service	2
26	Campbell	Teachers for Teaching: The Role of Math and Science Teachers in the Effort to Recruit More Math and Science Teachers	Math Science Partnership of Greater Philadelphia	Math & Science	Pre-Service	3
27	Hanssen	Using Social Network Analysis to Understand Links Between Teacher Leader Roles and Student Achievement	Milwaukee Mathematics Partnership	Math	Teacher Leaders	4
28	Hanley	The Impact of Teacher Leaders on Students' Achievement In Science	North Cascades and Olympic Science Partnership	Science	Teacher Leaders	5
29	Monsaas	The Effect of Participation in a K-16 Professional Learning Community on Teaching and Learning Practices - Further Evidence	Partnership for Reform in Science and Mathematics	Math & Science	Learning Communities	8
30	Grimberg	Patterns of Engagement and Professional Growth in an Online Mentoring and Induction Program for Beginning Science and Math Teachers	e-Mentoring for Student Success	Science	Learning Communities	9
31	Meyer	Examining Teacher and Student Outcomes in the Math in the Middle Institute Partnership	Math in the Middle	Math	Other In-Service	10
32	Martin	Rising Above a Gathering Storm of Data: Triangulating Findings Through Formative and Summative Evaluation Methodologies	Penn Science Teacher Institute	Science	Other In-Service	12
33	McCallum	Highlighting Content and Pedagogy in the Arizona Teacher Institute Master's Degree Program	Arizona Teacher Institute	Math	Other In-Service	13
34	Martin	Changing Teachers' Attitudes and Practices Through Professional Development	Transforming East Alabama Mathematics	Math	Other In-Service	14
35	Kutal	Engaging Higher Education Faculty in K-16 STEM Education Reform	Multiple MSP Projects	Math & Science	Special Interest Session	15
36	Labov	National Research Council Workshop Series for MSPs – The Sequel?	Facilitating Mathematics/Science Partnerships	Math & Science	Special Interest Session	16

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BREAKOUT SESSION #4 - TUESDAY, JANUARY 27, 2009, 11:30 AM – 12:45 PM

37	Donnay	Assessing the Effectiveness of a New Course in Math and Science Education in Recruiting Math and Science Majors into Education	Math Science Partnership of Greater Philadelphia	Math & Science	Pre-Service	2
38	May	Master Graduate Teaching Fellows: A Pilot to Improve Science Teaching	Vertically Integrated Partnerships K-16	Science	Pre-Service	3
39	Navarro	Study of the Impact of Instructional Coaches on Middle School Teachers and Student Achievement	El Paso Math and Science Partnership	Math & Science	Teacher Leaders	4
40	Papakonstantinou	Development of Texas Master Mathematics Teachers Through the Rice University Mathematics Leadership Institute	Rice University Mathematics Leadership Institute	Math	Teacher Leaders	5
41	Carlson	Developing Secondary Mathematics Content Knowledge for Teaching in Secondary Mathematics and Science Teachers	Project Pathways	Math & Science	Learning Communities	8
42	Pagni	The Impact on Mathematics Teaching Environments Through Establishing, Developing, Maintaining, and Sustaining Professional Learning Communities	Teachers Assisting Students to Excel in Mathematics	Math	Learning Communities	9
43	Levy	Teaching Qualifications and Teaching Effectiveness: How They Influence Teachers' Professional Development Choices	Boston Science Partnership	Science	Other In-Service	10
44	Kahle	Challenges and Opportunities in Evaluating Two MSP Projects	MSPinNYC and Penn Science Teacher Institute	Math & Science	Other In-Service	12
45	Strutchens	Improving Mathematics Teaching and Learning Through School-Based Support: Champions or Naysayers	Transforming East Alabama Mathematics	Math	Other In-Service	13
46	Cochran	Challenging Courses, Student Achievement, and Barriers to Implementation	Greater Birmingham Mathematics Partnership	Math	Other In-Service	14
47	Johnson	Learning from the U.S. Department of Education's MSP Projects	U.S. Department of Education		Special Interest Session	15
48	Bass	Evaluation Idea Exchange	Multiple MSP Projects		Special Interest Session	16

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