

Presentation Schedule
SSMA Annual Convention - Reno NV - October 22-24, 2009

Number	Day	start	end	Room	Presenters	Session Title
Day 1: Thursday, October 22, 2009						
1	Thursday	8:00	10:50	Carson 3 & 4	Julie Thomas Sandi Cooper	
2	Thursday	8:00	8:50	Carson 1	Sue Brown	Teacher Created Multiple-Choice Assessments and the Use of Assessment Data for Planning Instruction
3	Thursday	8:00	8:50	Carson 2	Sudi Balimuttajjo Robert J. Quinn	Innovative Pedagogical Strategies to a Complex Probability Problem Based on Student Responses
4	Thursday	8:30	8:55	Crystal 1	Carla Johnson	Urban School Reform Enabled by Transformative Professional Development: Impact on Teacher Change and Student Learning of Science
5	Thursday	9:00	9:50	Carson 1	Kim Bilicia Ruiz	Elsa Progressive Field Experience Model (PFEM): A Bridge from Early Observation to Active and Sustained Teaching
8	Thursday	9:00	9:50	Carson 2	Tracy Goodson-Espy Kathleen Lynch-Davis Tracie McLemore Salinas Art Quickenton	Using NAEP Data to Improve Preservice Teachers Understanding of Fractions
7	Thursday	9:00	9:50	Chrystal 1	Linda Figgins Carolyn Riley	Integrated Mathematics and Science Methods Course at the University Level

8	Thursday	9:00	9:50	Chrystal 2	Amy Brown Linda Gerena Eileen Ariza Suzanne Lapp	“Links between the NCTM Process/Assessment Standards and English Language Learners”
9	Thursday	9:00	9:50	Chrystal 3	Sheila Pirkle	Learning to Podcast and Podcasting to Learn
10	Thursday	9:00	9:50	Chrystal 4	Adrienne Redmond	Prospective Elementary Teachers Understanding of Fraction Division
11	Thursday	9:00	9:50	Chrystal 5	Ron Zambo William Speer	An Open Conversation About Producing Quality Elementary Mathematics Teacher Education Candidates
12	Thursday	10:00	10:25	Carson 1	Julie Amador	How teachers consider cognitive, language and social development when lesson planning
13	Thursday	10:00	10:25	Carson 2	Tingting Ma	A Comparative Study on Approaches to Perimeter between U.S. and Chinese Mathematics Textbooks
14	Thursday	10:00	10:25	Crystal 1	Dixie Metheny	A Family Math Night Provides an Interface Between the School and Community
15	Thursday	10:00	10:25	Crystal 2	Kansas Pope Juliana Utley	Relationships Between the Metacognitive Awareness, Teaching Efficacy, and Attitudes of Pre-service Elementary Teachers
16	Thursday	10:00	10:25	Crystal 3	Soo Yeon Shin	THE INFLUENCE OF USING MULTIPLE REPRESENTATIONS ON COLLEGE STUDENTS’ UNDERSTANDINGS OF FUNCTIONS
17	Thursday	10:00	10:25	Crystal 4	Monica Young John W. Tillotson	The role university science faculty members play in the education of future science teachers
18	Thursday	10:00	10:25	Crystal 5	Tzu-Ling Wang	Attitudes Toward Science Class of Elementary
19	Thursday	10:30	11:20	Carson 1	Judith Beauford Sandra Durden	Longitudinal Results on Number Name Project

20	Thursday	10:30	11:20	Carson 2	Andrea Foster	An Elementary Preservice Science Course Investigation: Why science doesn't suck!
21	Thursday	10:30	11:20	Crystal 1	Pamela Fraser-Abder	Scientific Literacy: Are we there yet?
22	Thursday	10:30	11:20	Crystal 2	Catherine Kelly Barbara J. Frye Leslie Grant	Developing a University – School Partnership with a Science-, Mathematics-, and Technology-Based Middle School
23	Thursday	10:30	11:20	Crystal 3	Teruni Lamberg	A framework for supporting teachers to teach for conceptual understanding
24	Thursday	10:30	11:20	Crystal 4	Suzanne Nesmith	Comparing Impacts and Results of Varied Mathematics and Science Elementary Field Experiences
25	Thursday	10:30	11:20	Crystal 5	Molly Weinburgh	Reloading Science Academic Language for ELL students
26	Thursday	11:30	11:55	Carson 1	Kate Popejoy	Creating Vodcasts with Elementary Science Methods Students: the Coriolis Force
27	Thursday	11:30	11:55	Carson 2	Mike Robinson Sarah Dyer	Misconceptions in Science: The Cycle of Confusion
28	Thursday	11:30	11:55	Crystal 1	Stephanie Murphy Lynda Wiest	Long-Term Impact of Participation in a Girls Math and Technology Program
29	Thursday	11:30	11:55	Crystal 2	John Park	Dynamic Visualizations: Using video and data for science investigations
30	Thursday	11:30	11:55	Crystal 3	Jan Michael San Pedro Andy Norton Angie Conn	Identify Challenging Mathematical Problems: A Challenge in Itself
31	Thursday	11:30	11:55	Crystal 4	Sharon Taylor Kathleen Cage Mittag Linda Zientek	Bar Graphs and Histograms: What's So Hard to Understand?
32	Thursday	11:30	11:55	Crystal 5	Lida Uribe-Flórez Vanessa Pitts-Bannister	Manipulatives: A Way to Achieve Equity in Mathematics Classrooms
Thursday		12:00	1:30	Carson 3 & 4		Lunch and Keynote

33	Thursday	1:30	1:55	Carson 1	Anne Adams Jerine Pegg	Rehearsal or Reorganization: Influences of Teachers' Beliefs about Teaching and Learning on Content Literacy Strategy Use
34	Thursday	1:30	1:55	Carson 2	Heather Cannon Michael Robinson	The Effectiveness of Classroom Reponse Systems in the High School Classroom
35	Thursday	1:30	1:55	Crystal 1	Angie Conn Karl Kosko Jan Michael	Using Pen-Pal Partnerships to Prepare Preservice Teachers
36	Thursday	1:30	1:55	Crystal 2	Diane Schmidt Susan Cooper	Student Peer Reviews Improve Lesson Planning and Content Understanding
37	Thursday	1:30	1:55	Crystal 3	Edward Harwood Monica Young Glenn Dolphin John Tillotson	Parent education as a predictor of student interest in science.
38	Thursday	1:30	1:55	Crystal 4	Shirley Matteson	Middle Level Pre-Service Teachers: An Inquiry Lesson Using Balance Scales
39	Thursday	1:30	1:55	Crystal 5	Gil Naizer Becky Sinclair Cynthia Ledbetter	Perceived Lasting Effects of Science Professional Development
40	Thursday	1:30	2:30	Registration Area		MSP Poster Session
41	Thursday	2:00	2:50	Carson 1	Bruce Boehne	An Inquiry Based Approach to Science Projects
42	Thursday	2:00	2:50	Carson 2	David Davidson Kenneth Miller	Promoting Science Inquiry in Intermediate Classrooms: The PRISM Project
43	Thursday	2:00	2:50	Crystal 1	William Speer	Rich Tasks in Reasoning/Problem Solving in Middle & High School
44	Thursday	2:00	2:50	Crystal 2	Haiping Hao Yeping Li	Fostering children's mathematical thinking in a reform-oriented kindergarten classroom in Shanghai

45	Thursday	2:00	2:50	Crystal 3	Bonnie Hodge	Every Graph Tells a Story - Exploring Graphical Representations in Science and Mathematics
46	Thursday	2:00	2:50	Crystal 4	Yamil Sanchez Lynn Columba	"Affective Teaching" to Learn Science: What is the Relationship between Practice and Motivation?
47	Thursday	2:00	2:50	Crystal 5	George Selitto Roger Isaac Blanco	Using Learning Styles to Become Better Teachers
48	Thursday	3:00	4:20	Carson 1	John McBride Martha Tevis	Helping Elementary Students Learn Science in a High Stakes Testing System
49	Thursday	3:00	4:20	Carson 2	Hsing-Wen Hu Cheng-Yao Lin	Mathematical Habits of Mind—A New Strategy for Teaching and Learning Division of Fractions
50	Thursday	3:00	4:20	Crystal 1	Cos Fi	The Lensing of Preservice Teachers of Mathematics Towards Teaching Mathematics for Understanding
51	Thursday	3:00	4:20	Crystal 2	Julie McNamara	Fraction Myths: How Instruction May Support Students' Development of Fraction Misconceptions
52	Thursday	3:00	4:20	Crystal 3	Kenneth Miller John Graves	Using an Inquiry Continuum to Make Sense of the Extent of Inquiry
53	Thursday	3:00	4:20	Crystal 4	Sarah Woodruff Yue Li Kristen Morio Jennifer Sutton Hsin Kao	Evaluating Teacher Professional Development: Challenges and Opportunities
54	Thursday	3:00	4:20	Crystal 5	David A. Young	Formative Assessment with Clickers
		Thursday 4:30	5:30			
		Thursday 5:30	7:30	Carson 3 & 4	Committee Meetings	
					Reception	

Day 2: Friday, October 23, 2009

55	Friday	8:30	9:20	Carson 1	Vanessa Wyss Diane Huelskamp	How to Become a Scientist
56	Friday	8:30	9:20	Carson 2	Sumita Bhattacharyya Jim Barr	Preparing Pre-service teachers to teach science in inclusive classroom: A longitudinal study
57	Friday	8:30	9:20	Chrystal 1	Lynn Columba Robin Hojnsoki	Promoting Mathematical Discourse Through Shared Reading
58	Friday	8:30	9:20	Chrystal 2	Shelby P. Morge Heidi J. Higgins	Is online a good substitute for face-to-face in mathematics methods courses?
59	Friday	8:30	9:20	Chrystal 3	Crista Force Kim Lewis	The Draw a Scientist Test: Examining the high school science students' perception of science
60	Friday	8:30	9:20	Chrystal 4	Mary Sowder Elaine Tuft	Rolling with Force and Motion: Investigations in Math and Science
61	Friday	8:30	9:20	Chrystal 5	Trena Wilkerson Jordan Sandefur Betty Ruth Baker	Examining Geometric Thinking in Young Children: A Study in Australia
62	Friday	9:30	9:55	Carson 1	Julie Angle Christine Moseley	Science Teaching Efficacy as Predictor of End-of-Instruction Biology Test Scores
63	Friday	9:30	9:55	Carson 2	Tingting Ma	Transition from Arithmetic to Algebra: A Textbook Analysis from an Asian Perspective
64	Friday	9:30	9:55	Crystal 1	Cheng-Yao Lin	Web-based Instruction on Pre-service Teachers' Knowledge of Fraction Operation
65	Friday	9:30	9:55	Crystal 2	Sarah Ramsey	Elementary Preservice Teachers' Perspectives on Alternative Field Experience for Science Methods
66	Friday	9:30	9:55	Crystal 3	Ann Rethlefsen Hyesung Park	BAR Model: Increasing Preservice Teachers' Self-Efficacy in Teaching Mathematics
67	Friday	9:30	9:55	Crystal 4	Melanie Shores Tommy G. Smith	A GEM of a Project
68	Friday	9:30	9:55	Crystal 5	Juliana Utley	Examining the Needs of Early Career Mathematics and Science Teachers

69	Friday	10:00	10:55	Carson 1	Amy Brown	Pre-service teachers' math efficacy beliefs and the quality of field experiences
70	Friday	10:00	10:55	Carson 2	Alan Zollman	Identity Formation and Possible Selves: Becoming a Self-Regulated Learner in Mathematics
71	Friday	10:00	10:55	Crystal 1	Patrick Hannigan Joy Reed Ashraf Saad Lei He	All in the same sentence: learning, information technology, nature, and fun
72	Friday	10:00	10:55	Crystal 2	Zhonghe Wu Shuhua An	Geometry proving: comparing high school students from US and China
73	Friday	10:00	10:55	Crystal 3	Zhixia You Robert Quinn	Prospective Middle School Teachers' Knowledge of Linear Functions: Exploring Content Knowledge and Pedagogical Content Knowledge
74	Friday	10:00	10:55	Crystal 4	David Wojnowski	Horned Lizard Conservation Education: An integrated multiple case study
75	Friday	10:00	10:55	Crystal 5	Andrea Foster Bill Jasper	Who will teach middle school science and science? Defining a Model Preparation Program
76	Friday	11:00	11:55	Carson 1	Sheila Pirkle Jennie Preston-Sabin Tedman Onyango	Physics First in Tennessee: Preparing Science Educators
77	Friday	11:00	11:55	Carson 2	James Stallworth Shelly Sheats Harkness	Is seeing believing? Using photovoice to explore students' beliefs about mathematics
78	Friday	11:00	11:55	Crystal 1	Adam Chekour	The Impact of New Technologies on Math Instruction: Study Case on Symposium
79	Friday	11:00	11:55	Crystal 2	Robert Capetta	Beware Blue Box Strategies: Motivating Calculus Concepts

80	Friday	11:00	11:55	Crystal 3	Cornelis de Groot	A Teacher-Centered School-University Partnership: Linking with Existing Professional Development Practices.
81	Friday	11:00	11:55	Crystal 4	Brian Evans	Content Knowledge, Attitudes, and Self-Efficacy in the Mathematics NYC Teaching Fellows Program
82	Friday	11:00	11:55	Crystal 5	Yan Wang	Understanding the Development of Mathematical Identity in Students at a Residential High School
Friday 12:00 2:00 Carson 3 & 4 Keynote, Lunch, & Business Meeting						
83	Friday	2:00	2:25	Carson 1	Frank Amankonah Lynda Wiest	Factors Related to Undergraduate Students' Performance and Attitudes in an Entry-Level Mathematics Course
84	Friday	2:00	2:25	Carson 2	Bowen Brawner	An Inquiry-based Approach to Algebra: Its Effects on Achievement and Understanding
85	Friday	2:00	3:20		Dorothea Hepworth	Reading Comprehension in Math and Science
86	Friday	2:00	2:25	Crystal 2	Charles Emenaker Larry Waldrop	If You Can't Beat 'em, Join 'em!
87	Friday	2:00	2:25	Crystal 3	John Tillotson Ed Harwood Glenn Dolphin	Perceived Instructional Influences Reported by Early-Induction and Post-Induction Science Teachers Participating in the IMPPACT Study
88	Friday	2:00	2:25	Crystal 4	Michael Wavering	Piaget and Science Discourse: Still Relevant Today
89	Friday	2:00	2:25	Crystal 5	I-shin Chen	The Study of Hands-On Activities in a Taiwanese Elementary School
90	Friday	2:30	3:20	Carson 1	Cindy Adams	What Makes it Click?

91	Friday	2:30	3:20	Carson 2	Mark Daniels Efraim Armendariz	Designing and Implementing Innovative Mathematics Courses for Preservice and Inservice Secondary Teachers
	Friday	2:00	2:50	Crystal 1	<i>Hepworth Continuation</i>	
92	Friday	2:30	3:20	Crystal 2	Bill Jasper Andrea Foster	Helping ELLs learn academic vocabulary in mathematics and science classes
93	Friday	2:30	3:20	Crystal 3	Zhonghong Jiang	Seeing and Using Connections through Solving Problems in Multiple Ways
94	Friday	2:30	3:20	Crystal 4	Diane Schmidt Joseph I. Stepan	Should We Expect Faculty Who Teach Content to Know About Teaching?
95	Friday	2:30	3:20	Crystal 5	Alan Zollman	
96	Friday	3:30	3:55	Carson 1	Haiping Hao	What the reform brings about: A case study from social constructivism perspective
97	Friday	3:30	3:55	Carson 2	Charlene Czerniak	If We Build It, Will They Come? The challenges of recruiting science and mathematics education majors.
98	Friday	3:30	3:55	Crystal 1	Brian Evans	First Year Middle and High School Teachers' Mathematical Content Proficiency and Attitudes
99	Friday	3:30	3:55	Crystal 2	Karl Kosko Andy Norton	How Demanding are the NCTM Process Standards?
100	Friday	3:30	3:55	Crystal 3	Tingting Ma A. Fabiola Rangel-Chavez Mary M. Capraro	An Exploration of Pre-service Teachers' Performance in Solving Open-ended Problems
101	Friday	3:30	3:55	Crystal 4	Patricia O'Donnell Lynn Columba	Pre-service Science Teachers Using Inquiry-based Instruction: Demographics and Beliefs
102	Friday	3:30	3:55	Crystal 5	James Telese	Assessing Inservice Teachers' Van Hiele Level of Geometric Thinking

103	Friday	4:00	4:50	Carson 1	Abraham Ayebo Linda R. Wiest	Teacher's Views on Teaching Mathematics to Gifted/Talented Students
104	Friday	4:00	4:50	Carson 2	Kathryn Kinnard	Across the Content: Are You My Writing Pal?
105	Friday	4:00	4:50	Crystal 1	Kim Bilica	Taxonomy of Teaching Evolution: Analysis and Development
106	Friday	4:00	4:50	Crystal 2	Sandra Browning Sandra West	Correlated Science and Mathematics: A Teacher Training Model to Link Both Disciplines
107	Friday	4:00	4:50	Crystal 3	Houbin Fang Taralyn Hartsell Sherry Herron Avinash Rathod	Improving teachers' self-confidence in learning technology skills and math education through professional development
108	Friday	4:00	4:50	Crystal 4	Christopher Johnston	Pre-Service Elementary Teachers Use of Technology Tools and Mathematics Lesson Design
109	Friday	4:00	4:50	Crystal 5	Patricia Lamphere Jordan	Pre-service Secondary math Education Students' Perceptions of the Meanings of Whole Number Operations

Day 3: Saturday, October 24, 2009

	Saturday	8:00	8:50	Carson 3 & 4	General Session	
110	Saturday	9:00	9:50	Carson 1	Claudia Bertelone-Smith Julie Amador	Facilitating Effective Classroom Discussion in Mathematics
111	Saturday	9:00	9:50	Carson 2	Jennifer J. Peterson David Thiel	Turning the Ship: "A Titanic Endeavor"
112	Saturday	9:00	9:50	Crystal 1	Don Balka	Closing the Achievement Gap for ELL Students
113	Saturday	9:00	9:50	Crystal 2	Arthur White Donna F. Berlin	Action Research to Explore Mathematics Infusion Into the Science Classroom
114	Saturday	9:00	9:50	Crystal 3	Richard Millman	The Appearance of Deep Mathematics in Late Elementary and Middle School

115	Saturday	9:00	9:50	Crystal 4	Jeremy Winters	Engaging Elementary Students with STEM Tasks
116	Saturday	9:00	9:50	Crystal 5	Kevin Wise	Model Strategy for Teaching Electromagnetism
117	Saturday	10:00	11:20	Carson 1	Georgia Cobbs Kenneth Miller	Sailing with Inquiry
118	Saturday	10:00	11:20	Carson 2	Dorothea Hepworth	Spatial Reasoning and Geometry
119	Saturday	10:00	11:20	Carson 3	Marilyn Sue Ford Virginia Usnick	Creating and Using Attribute Sets to Build Logical Thinking
120	Saturday	10:00	11:20	Carson 4	Linda Griffith	What's the Limit with TI-Nspire?
121	Saturday	10:00	11:20	Crystal 1	Lynn Trel Tina Mika Lisa Drakulich	Build It, Fold It, Graph It, Solve It
122	Saturday	10:00	11:20	Crystal 2	Jodi Cunningham O'Rourke	Kelly Giving Meaning to the Dash in K-12 Mathematics
123	Saturday	10:00	11:20	Crystal 3	John McBride Muhammad Bhatti Mohammad Hannan	Fun Chemistry for Kids
124	Saturday	10:00	11:20	Crystal 4	Jennie Preston-Sabin	Applying Mathematical Skills to Understand Radioactive Decay
125	Saturday	10:00	11:20	Crystal 5	C. Matt Seimears Jean Morrow	"Un-packing Science and Mathematics Content
Saturday			11:20	12:00	Lunch Break	
126	Saturday	12:00	12:50	Carson 1	Kerrie Blazek	Linking Literacy and Inquiry through the Science Writing Heuristic
127	Saturday	12:00	12:50	Carson 2	Susan Cooper Diane Schmidt	Implementing Meaningful Reading of Science and Mathematics Content at All Grade Levels
128	Saturday	12:00	12:50	Carson 3	Jim Elander	2D-GEOMETRY ESSENTIALS-2D: The DAP Program

129	Saturday	12:00	12:50	Carson 4	Mark Roddy		Grow Beasts: Growing students' understanding of ratio, proportions and slope
130	Saturday	12:00	12:50	Crystal 1	David Thiel Kristoffer Carroll		Integrating Data and Science through Statistics Poster Competitions and Science Fairs
131	Saturday	12:00	12:50	Crystal 2	Fuchang Liu		Computational Estimation Performance by Chinese Elementary Students
132	Saturday	12:00	12:50	Crystal 3			Presidential Awardess Panel (Tentative)
133	Saturday	12:00	12:50	Crystal 4	Don Balka		State Standards for Grade 8 Algebra: Who Has the Answer?
134	Saturday	12:00	12:50	Crystal 5	Robert J Quinn Zhixia You		Mathematics Teachers' Planning in The United States and China: A Comparative Study
135	Saturday	1:00	1:50	Carson 1	Mary Wagner-Krankel		Making the Connection Between Mathematics and Forensic Science
136	Saturday	1:00	1:50	Carson 2	Rhoton Hudson Lawrence Rudd		Integrated Math and Science Lessons for Elementary School Teachers.
137	Saturday	1:00	1:50	Carson 3	Donna Berlin		Integrative Mathematics and Science Education Through Community and Culture
138	Saturday	1:00	1:50	Carson 4	Natalia Darling		And Now a Word (or Story) From Our Students...
139	Saturday	1:00	1:50	Crystal 1	Janet Williams		Designing Integrated Instructional Strategies for Middle Childhood Science Classrooms Using Multiple Intelligences
140	Saturday	1:00	1:50	Crystal 2	Selina Mireles Nankervis	Bryan	Implementing Standards through "Mix It Up"
141	Saturday	1:00	1:50	Crystal 3	Kathleen Mittag Sharon E. Taylor Linda Zientek		The Ferris Wheel Goes Round and Round
142	Saturday	1:00	1:50	Crystal 4	Roslinda Rosli	Yeping Li	Linear function in the U.S., Malaysia and Singapore secondary school mathematics textbooks

143	Saturday	1:00	1:50	Crystal 5	Charles Assuah Robert. J. Quinn	Communication in the mathematics classroom: Students' perceptions of the learning process
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Missing Speaker Information					Assessment of College/University Math & Science Programs for Regional Accreditation
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Missing Speaker Information					Teaching Algebra Through Arithmetic
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