March 9, 2009 - TERC Presents: Spring 2009 Conferences

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TERC researchers, curriculum developers, and professional development specialists will be giving presentations and workshop sessions at several conferences this spring/early summer. Look for them at the following events:

**Association for Supervision and Curriculum Development (ASCD)**
March 13-16, 2009, Orlando, FL
March 15: Instruct, Illuminate, and Rearrange Our Mental Furniture: Learning Beyond Boundaries
Frank Davis (TERC)

**Council of State Science Supervisors (CSSS) National Conference**
March 15-18, 2009, New Orleans, LA
March 16: Climate Literacy
Chris Castillo-Comer (TERC), Tamara Ledley (TERC), Frank Niepold (NOAA)

**National Science Teachers Association (NSTA)**
March 19-22, 2009, New Orleans, LA
March 18: PDI-12: Classroom Strategies for Teaching Inquiry
Susan Doubler (TERC), Sally Crissman (TERC), Lynn Rankin (Exploratorium Institute for Inquiry), Fred Stein (Exploratorium Institute for Inquiry)
March 19: Finding Earth Science Data Relevant to You, Your Students, and Your Curriculum
Tamara Ledley (TERC)
March 20: Mapping Environmental Quality with a Geographic Information System (GIS): Exploring the Environmental Sustainability Index (ESI) for Countries Across the World
Carla McAuliffe (TERC), Tamara Ledley (TERC), LuAnn Dahlman (TERC)
March 21: What Do Our Students Really Think About Weight, Volume, and Matter?
Sally Crissman (TERC)
March 21: Creating Access to Science: Developing Accommodations for Middle School Students with Learning Disabilities
Gilly Puttick (TERC)
March 22: Investigating the Quality of Well Water: Mapping Total Dissolved Solids (TDS) with a Geographic Information System (GIS)
Carla McAuliffe (TERC)

**EcoFest**
March 28, 2009, Arlington, MA
Ecology Where We Live: Arlington
Marlene Cole (TERC)

**Critical Race Theory 20th Anniversary Conference**
April 2-4, 2009, University of Iowa School of Law, Iowa City, IA
April 4: The Archaeology of Racialized Dilemmas: Excavating Oppositional Binaries
Carol Wright (TERC), Megan Bang (TERC)

**American Educational Research Association (AERA) Annual Meeting**
April 13-17, 2009, San Diego, CA
April 14: Developing and Refining a Learning Progression for Matter from Pre-K to Grade 12: Commonalities and Contrasts Among Four Current Projects
The Inquiry Project: Jodi Asbell-Clarke (TERC), Susan Doubler (TERC), Marianne Wiser (Clark University), Carol Smith (University of Massachusetts-Boston)
High School Chemistry Facets Project: Carlos C. Ayala (Sonoma State University), Angela Haydel Debarger (SRI International), James E. Minstrell (University of Washington)
Modeling Materials in the Early School Years: Andres Acher (Northwestern University)
The Environmental Literacy Project: Upper Elementary Through High School: Lindsey Mohan (Michigan State University), Jing Chen (Michigan State University), Charles W. Anderson (Michigan State University) Discussant: Joseph S. Krajcik (University of Michigan)
April 14: "Every Student Is So Different": Complicating Carínfo in One Teacher Inquiry
Eli Tucker-Raymond (TERC)
April 15: Negotiating Roles and Realities: Gender Influence in the University Setting
Chair: Wynnetta Scott-Simmons (Merrimack University) Discussant: Carolyn S. Ridenour (University of Dayton)
Implementing Feminist Pedagogy in Instructional Technology Classes for Preservice Teachers; Teri L. Sosa (Saint Joseph's University)
Negotiating Multifaceted Roles and Identities: Describing the Experiences of Six Female Master of Education Students; Christina Skorobohacz (Brock University)
Safety Nets: Gender and Social Capital for Women PhD Students in Engineering; Shelley K. Erickson (Arizona State University)
Understanding the Parental Influence of Engineers in the College Major Choice of Their Daughters; Herbert Louis Hoffman (University of Washington), Timothy St. Louis (University of Wisconsin), Jennifer L. Hoffman (EDLPS)
Maria (Mia) Ong (TERC), Lorelle Espinosa (University of California - Los Angeles), Carol A. Wright (TERC / MIT)

May 14: Women of Color in Computer Science: A Summary of Empirical Literature Findings
May 14, 2009, Mountainview, California
National Center for Women and Information Technology
Maria (Mia) Ong (TERC), Christine Bath

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April 15: SIG-Indigenous Peoples of the Americas
Chair: Sandy M. Grande (Barnard College)
Malia Villegas (Harvard University), Eve Tuck (SUNY - College at New Paltz), Megan Bang (TERC), Tarajean Yazzie-Mintz (Indiana University), Adrianne Ormond (The University of Auckland), Sandy M. Grande (Barnard College), Chair: Susan C. Faircloth (The Pennsylvania State University)

April 16: Science and English Language Learners
Chair: Sherry A. Southerton (Florida State University)
Science and Literacy Assessments With English Language Learners; Alexandra Olivia Santau (Duquesne University), Cory A. Buxton (University of Georgia), Okhee Lee (University of Miami)
Teaching Strategies Affecting the Implementation of an Inquiry-Based Science Curriculum With English Language Learners; Jodi Asbell-Clarke (TERC), Martina Nieswandt (Illinois Institute of Technology), M. Jean Young (MJ Young and Associates), Susan Moodie (MJ Young and Associates)
Student Initiatives in Urban Elementary Science Classrooms; Neporcha Cone (University of Miami), Scott P. Lewis (Florida Atlantic University), Alexandra Olivia Santau (Duquesne University)
Closing the Science Achievement Gap: Promoting Science Learning for English Language Learners; Kihyun Kelly Ryoo (Stanford University) Discussant: Sherry A. Southerton (Florida State University)

April 16: Teaching Strategies Affecting the Implementation of an Inquiry-Based Science Curriculum With English Language Learners
Jodi Asbell-Clarke (TERC), Martina Nieswandt (Illinois Institute of Technology), M. Jean Young (MJ Young and Associates), Susan Moodie (MJ Young and Associates)

April 17: Research on Mathematics Teachers, Teacher Knowledge, and Teacher Education
A Social Semiotics Model for Mathematics Lesson Study Groups; Elizabeth De Freitas (Adelphi University), Betina A. Zolkower (Brooklyn College - CUNY)
Classroom Statistical Activity: Shifts in Middle School Teachers' Pedagogical Reasoning in Statistics; Jana Visnovska (Vanderbilt University), Qing Zhao (Vanderbilt University), Paul A. Cobb (Vanderbilt University)
Culturally Responsive Mathematics Teaching: A Grounded Theory Approach; Emily Peterek (University of Florida)
Educatiing About Statistical Issues Using Large Scientific Data Sets; James K. L. Hammerman (TERC)
Expanding the Theory of PCK and CKTM for Elementary and Middle Preservice Teachers; Diana L. Piccolo (Missouri State University), Robert M. Capraro (Texas A & M University), Victor L. Willson (Texas A & M University)
Middle School Teachers' Informal Inferences About Data Distributions; Daniel L. Canada (Eastern Washington University), Michael Gilbert (University of Hawai’i)
The Professional Formation of Mathematics Teacher Educators: A Study Across Three Contexts (Italy, United States, and Canada); Kathleen Michelle Clark (Florida State University), Donna Kotsopoulos (Wilfrid Laurier University), Francesca Morselli (Dipartimento di Matematica, Università degli Studi di Genova)

April 17: Educating About Statistical Issues Using Large Data Sets
James K. L. Hammerman (TERC)

National Council of Supervisors of Mathematics (NCSM) Annual Conference

April 20: Early Algebra and Computational Fluency: How "Struggling" and "Advanced" Learners Learn about the Meaning of Operations
Susan Jo Russell (TERC), Virginia Bastable (Mount Holyoke College), Deborah Schifter (EDC)

April 20: Supporting the Development of Computational Fluency: Examining Classroom Practice Using Video and Cases
Arusha Hollister (TERC), Judith Storeygard (TERC), Megan Murray (TERC)

April 21: Identifying Teacher Moves that Help Students Learn How to Participate in Mathematical Discussion: A Classroom Case from Grade 3
Susan Jo Russell (TERC), Virginia Bastable (Mount Holyoke College), Deborah Schifter (EDC)

Judith Storeygard (TERC), Marta Johnson (Haw Creek Elementary School)

National Council of Teachers of Mathematics (NCTM) Annual Meeting
April 22-25, 2009, Washington, D.C.

April 22: Functions, Multiplication, Focal Points: Grades K–5 Study of Functions as a Context for Work on Multiplication
Deborah Schifter (EDC), Virginia Bastable (Mount Holyoke College), Susan Jo Russell (TERC)

National Center for Women and Information Technology
May 14, 2009, Mountainview, California

May 14: Women of Color in Computer Science: A Summary of Empirical Literature Findings
Maria (Mia) Ong, (TERC), Christine Bath
Gaming, Learning, and Science  
June 1-12, 2009, Madison, Wisconsin

Blue Mars Science Center: Design Research for Virtual Scientific Collaboration  
Jodi Asbell-Clarke, (TERC), Teon Edwards (TERC), Richard Childers  

Statistical Research. Teacher and Literacy (SRTL) Workshop  
July 11-17, 2009, Brisbane, Australia  

Andee Rubin, (TERC)