September 9, 2010 - TERC Presents: Fall 2010 Conferences

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September 9, 2010

TERC researchers, curriculum developers, and professional development specialists are giving presentations, workshop sessions, and papers at several conferences and events this fall. Look for them at the following events:

University of New Hampshire

“Climate Literacy and Energy Awareness Network—New England: Activities and Challenges”
Thursday, September 16, 2010
UNH | Durham, NH
Presenter: Tamara Ledley (TERC: Cambridge, MA)

2010 National Conference for Science and Technology in Out-of-School Time

“Designing for Hard Fun: Lessons from Developing Kids’ Survey Network”
Friday, September 24, 2010, 12:15-1:30 PM
Sheraton Universal Hotel | Universal City, CA
Presenter: Elizabeth Rowe (TERC: Cambridge, MA)

North American Association for Environmental Education (NAAEE)

“The Climate Literacy Network: Facilitating Informed Environmental Decision- Making”
Wednesday, September 29- Saturday, October 2, 2010
Buffalo, NY
Presenter: Tamara Ledley (TERC: Cambridge, MA)

“EarthLabs: Laboratory Courses in Earth and Environmental Sciences”
Wednesday, September 29- Saturday, October 2, 2010
Buffalo, NY
Presenters: Tamara Ledley (TERC: Cambridge, MA), Erin Bardar (TERC: Cambridge, MA)

Ohio Council of Teachers of Mathematics

“Connecting Arithmetic and Algebra in the Elementary Grades”
Thursday, October 14, 2010, 3:00-3:50 PM
JS Knight Center | Akron, OH
Presenter: Susan Jo Russell (TERC: Cambridge, MA)

Geological Society of America (GSA) Annual Meeting

Sunday, October 31- Wednesday, November 3, 2010
Denver, CO
Presenters: Tamara Ledley (TERC: Cambridge, MA), A. Gold, M. McCafferty, S. Buhr, C. Manduca, F. Niepold, S. Fox, C. Howell, S. Lynds

“High School Student Understanding of the Cryosphere”
Sunday, October 31- Wednesday, November 3, 2010
Denver, CO
Presenters: Tamara Ledley (TERC: Cambridge, MA), Erin Bardar (TERC: Cambridge, MA), L. Gulich, JC Libarkin, K. McNeal

NSTA Regional: Nashville, TN

Featured Presentation: “Responding to Imperatives—Good Teachers Moving to GREAT!”
Thursday, December 2, 2010, 2:00-3:00 PM
Ballroom Tennessee C, Gaylord Opryland Resort and Convention Center | Nashville, TN
Presenter: Diana Nunnaley (TERC: Cambridge, MA)

New competitions for education dollars target finding ways to guarantee teacher quality. Business headlines highlight shortages in U.S. manpower in engineering and advanced scientific fields. Budget realities at the local level shift scant resources away from science classrooms. Implications of issues such as saving the environment and global warming require increasing understanding of basic science concepts by every citizen. We receive many different messages about science, science teaching, the future of our kids, and the future of our environment. Everyone seems to have a different opinion about what’s important, what isn’t working, and how we can fix the problems.
Right now teachers are shaping the next Generation (X, Y, or Z). In spite of a shifting playing field, good teachers are moving to GREAT. Where and how is data making a difference for our kids?

2010 American Geophysical Union Meeting

“The Climate Literacy and Energy Awareness Network (CLEAN) Pathway: Integrating Science and Solutions”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), A. Gold, M. McCafferty, S. Buhr, C. Manduca, F. Niepold, S. Fox

“Lessons Learned from a Rigorous Peer-Review Process for Building the Climate Literacy and Energy Awareness (CLEAN) Collection of High-Quality Digital Teaching Materials”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), A. Gold, M. McCafferty, S. Buhr, C. Manduca, F. Niepold, S. Fox, C. Howell, S. Lynds

“Enabling Climate Science Investigations by Students Using Cryosphere Climate Data Records (CDRs)”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), Erin Bardar (TERC: Cambridge, MA), B. Youngman, W. Meier

“TXESS Revolution: Utilizing TERC’s EarthLabs Cryosphere Module to Support Professional Development of Texas Teachers”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), Christina Comer (TERC: Cambridge, MA), M. Odell, KK Ellins, EJ Polito, E. Stocks, K. Maganella

“High School Students’ Understanding of Change Over Time and System Complexity: A Focus on the Cryosphere”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), KS McNeal, J. Libarkin, C. Guthrie

“Cyberlearning for Climate Literacy: Challenges and Opportunities”
Monday, December 13- Friday, December 17, 2010
San Francisco, CA

Presenters: Tamara Ledley (TERC: Cambridge, MA), M. McCafferty, S. Buhr, A. Gold, M. Mooney, F. Niepold