New! Session Evaluations via Smartphone

Chance to Win a Kindle Fire!
Help NSTA’s GREEN efforts by completing session evaluations online December 8–21, 2011, via your smartphone (m.nsta.org) while the session is fresh in your mind! Or you can visit www.nsta.org/evaluations at a later time to complete a short online session evaluation for each session you attend. And this year we’re giving away a Kindle Fire to one attendee who completes a session evaluation! Remember, the more sessions you attend and evaluate, the more chances you have to win!

Concurrent session presenters may also complete an evaluation for their own sessions in order to track professional development credit.

Beginning January 5, 2012, you can view your transcript at the NSTA Learning Center (learningcenter.nsta.org) by clicking on “My PD Record and Certificates.” You can also document credit for activities that are not being evaluated (e.g., short courses, Exhibit Hall visits, featured speakers, meetings, etc.). In addition, the NSTA Learning Center (learningcenter.nsta.org) offers professional development experiences (online and face-to-face) for your long-term growth and professionalism.

For more details, see page 14. A Professional Development Documentation Form is included following page 32 to help you keep track of sessions/events attended that are NOT available for online session evaluation. This form can also be used to take notes on sessions attended that are available for online session evaluation.

Science Bookstore Hours

Be sure to shop the NSTA Science Bookstore. Open Wednesday evening and early in the morning before the Exhibit Hall opens, the hours are very convenient.

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<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tr>
<td>Wed., Dec. 7</td>
<td>5:00–7:00 PM</td>
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<tr>
<td>Thu., Dec. 8</td>
<td>7:00 AM–5:00 PM</td>
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<td>Fri., Dec. 9</td>
<td>7:00 AM–5:00 PM</td>
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<td>Sat., Dec. 10</td>
<td>7:30 AM–12 Noon</td>
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Wi-Fi in Convention Center

Wireless internet is available in most “public spaces” of the ground level of the Convention Center. No code is required for access.

NSTA Mobile Website

We invite you to visit the NSTA Mobile Website, m.nsta.org, the best way to keep track of what’s happening at the conference from your phone. It features a slimmed-down version of our popular session browser tool, allowing you to view sessions by Date/Time, Session Format, Subject, and Keyword, and to evaluate those you have attended. The site also includes a map of Seattle with bookmarks for the conference hotels and Convention Center, a link to the #nsta11 Twitter feed, NSTA news, and other important info. Please note that the site has been optimized for use with iPhone and Android devices.

If you have a barcode reader installed on your phone, point your phone’s camera at the image above to go directly to the NSTA mobile site.

We welcome your feedback about the conference mobile website. (Note: This is not an app; it is a website optimized for viewing on phones.)

Thursday Program Changes

Canceled Sessions

Evolution and Medicine: A New Approach to a Central Topic in High School Biology, workshop, 12:30–1:30 PM, 3B, Convention Center (p. 60).

Wind Power, workshop, 12:30–1:30 PM, 201, Convention Center (p. 60).

Forensics Science Can Turn Every Science into a Relevant Science, workshop, 5:00–6:00 PM, 206, Convention Center (p. 75).
New Presentation Title/Description
9:30–10:30 AM
Making the Transition to Next Generation Science Standards: What About Crosscutting Concepts? (Gen) 4C-1, Convention Center
Francis Q. Eberle, NSTA Executive Director, Arlington, Va.
Presider: Patricia Simmons, NSTA President, and North Carolina State University, Raleigh
In July the National Research Council released A Framework for K–12 Science Education, which identifies the key scientific ideas and practices all students should learn by the end of high school. The framework now serves as the foundation for new K–12 science education standards, but also stands alone as a useful tool for many in the science education community. Join us as we explore the implications of including the crosscutting concepts (dimension 2) in your teaching. (p. 87)

Friday Program Changes

New Panelists
The following panelists will join the featured panel STEM Education for All: A Quixotic Quest or Well Within Reach?, 3:30–5:00 PM, Ballroom 6A, Convention Center (p. 113).
Matthew Lyons, another panelist, has a new affiliation: Dallas Theological Seminary, Dallas, Tex. (January 2012)

Edie Fraser, CEO of STEMconnector, is a business leader, entrepreneur, and philanthropist. Her entire lifework has been to mobilize leaders for impact. She is senior consultant to Diversified Search, an executive search firm ranked number one in diversity hiring and track record results. Over her career, Edie has founded organizations such as Diversity Best Practices (DBP) and the Business Women’s Network (BWN); served as a desk officer in the Peace Corps; written two books on leadership and philanthropy; and won 40 awards for diversity and women’s leadership.

Only one year ago, Edie was approached to catalogue and build profiles of “who’s doing what in STEM education.” It quickly became apparent that there was a need for a new way of connecting the thousands of people and organizations working on STEM nationwide. The concept for The STEMConnector™ Project expanded and evolved as others came together to create an initiative that demonstrates collaboration and communication across all STEM education pathways.

Steve Robinson is on assignment to the White House Domestic Policy Council from the Office of Elementary and Secondary Education at the Department of Education. Steve served as the legislative assistant for education in the office of then-Sen. Barack Obama, advised on policy development during the presidential campaign, and worked on education issues with the Obama-Biden Presidential Transition Team. He joined the Department of Education in February 2009 and was assigned to the White House Domestic Policy Council in September of that year.

Steve first joined the office of then-Sen. Obama in July 2005, supported as a fellow through the Albert Einstein Distinguished Educator Fellowship Program. Prior to joining Sen. Obama’s office, Steve was a high school science teacher in Eugene, Oregon. He grew up in the suburbs of Chicago and earned a degree in biology at Princeton University and a PhD at the University of Michigan. On the biology faculty at the University of Massachusetts, he headed a laboratory and mentored PhD students. His teaching experience includes more than 15 years in the classroom at middle school, high school, and postsecondary levels.

Rescheduled Session
The presentation iSTEM Summer Institute has been rescheduled to Friday, 2:00–3:00 PM, in 212, Convention Center, from Thursday, 12:30–1:30 PM, 307, Convention Center (p. 59).

Canceled Sessions
NASA INSPIRE Project, presentation, 8:00–9:00 AM, 307, Convention Center (p. 80).

NARST Session: Critical Examinations of Media to Enhance Student Understandings of Science, presentation, 9:30–10:00 AM, 213, Convention Center (p. 87).

Engineering Design: Constructing Ideas for Teachers, presentation, 12:30–1:30 PM, 616, Convention Center (p. 101).

Student Analysis of NASA Images and Data via Free/Open Source Resources, presentation, 5:00–6:00 PM, 307, Convention Center (p. 116).

Applying New Brain Research to Best Practices in Science: Reaching ALL Learners, presentation, 5:00–6:00 PM, 618, Convention Center (p. 116).
**New Presenters**

Robin A. Dublin (robindublin@cosseealaska.net), Centers for Ocean Sciences Education Excellence–Alaska (COSEE–Alaska), Anchorage, replaces Marilyn J. Sigman as co-presenter of the presentation STEM Education Strategies of the Alaska Marine Science and Fisheries Career Coalition, 12:30–1:30 PM, 304, Convention Center (p. 100).

**New Presentation**

The following presentation has been added to the NSTA ESP Symposium, 12:30–2:30 PM, Room 3B, Convention Center (p. 103):

Inquiry with Preservice Elementary Teachers (from ESP #5) Thomas R. Lord (trlord@iup.edu), Indiana University of Pennsylvania

**Canceled Sessions**

The Study of Rare Diseases: A New Approach to Teaching Scientific Inquiry in Middle School, workshop, 8:00–9:00 AM, 3A, Convention Center (p. 120).

Modeling Populations, workshop, 11:00 AM–12 Noon, 211, Convention Center (p. 126).

**New Presenters**

Mike Wierusz (mwiersuz@nsd.org), Secondary Academy for Success, Bothell, Wash., will join Mike Town and Gilda K. Wheeler as a co-presenter of the presentation Green Sustainable Design and Technology Courses for the 21st Century, 8:00–9:00 AM, 616, Convention Center (p. 120).

**New Exhibitors**

**Aldebaran Robotics**

374 Congress St.
Boston, MA 02210
Phone: 617-963-0394
E-mail: americas@aldebaran.com
Website: www.aldebaran-robotics.com

Aldebaran Robotics produces NAO, a 22-inch-tall humanoid robot for education that can see, hear, speak, move, walk, and even dance or play soccer! He can recognize faces and objects, understand what is said to him, localize a sound...and he speaks seven languages! NAO is fully programmable and delivered with a simple visual programming tool that allows students to program different behaviors for the robot. NAO comes with a full software suite and STEM curriculum.

**Geocaching.com**

837 N. 34th St., Suite 300
Seattle, WA 98103
Phone: 206-302-7721, x143
E-mail: jessica@groundspreak.com
Website: www.geocaching.com

Geocaching turns every location into an adventure. Players use GPS-enabled devices to navigate to a location. Once there, they might search for a hidden container filled with small treasures, complete challenges issued by other players, or solve a puzzle that provides a clue to their next adventure.

**Howard Hughes Medical Institute**

4000 Jones Bridge Rd.
Chevy Chase, MD 20815
Phone: 301-402-2300
E-mail: info@hhmi.org
Website: www.hhmi.org

The HHMI booth, 620, will feature hands-on activities for the public, including opportunities to learn about the science of living things and how it can help us understand the complexity of the world around us.

**Navajo Jewelry and Crafts**

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Albuquerque, NM 87104
Phone: 505-345-5750

Handcrafted Navajo jewelry made with natural stone and set in sterling silver. Jewelry is made by family and extended family from the Navajo, Zun, and Santo Domingo Pueblo.

**Northwest Aquatic and Marine Educators**

9510 Second Ave. NW
Seattle, WA 98117
E-mail: nw.aquatic.marine@gmail.com
Website: www.pacname.org

Opportunities abound in the Northwest for marine education. Learn about what the Northwest Aquatic and Marine Educators, Washington Sea Grant, the Northwest Association of Networked Ocean Observing Systems (NANOOS), Centers for Ocean Sciences Education Excellence Alaska (COSEE AK), and the National Marine Educators Association (NMEA) have to offer.

**TK Design Group**

2303 RR620 S, Suite 135-251
Austin, TX 78734
Phone: 512-261-3132
E-mail: info@mkdesigngroup.com
Website: www.russianbluediamonds.com

Visit our booth to see Russian Blue Diamonds, the source for your lab-created diamonds jewelry; Scarves in Design, your fashion-forward accessory and scarf collection; and Baci Beads, Pandora-like jewelry at a fraction of the cost.