



Program Changes

NSTA Columbus Area Conference

December 1–3, 2016

Chance to Win an Apple iPad mini 2

Help NSTA's GREEN efforts by completing session evaluations online **December 1–20**, while the session is fresh in your mind!

To evaluate a session, you should visit the Columbus session browser (www.nsta.org/columbusbrowser) and search for part of the session title or presenter's name using the **Find Keyword** search option. Once you find the session you wish to evaluate, simply click the **Evaluate Session** button, enter your badge number, and answer the evaluation questions. When you finish evaluating the session, click the **Submit Evaluation** button. Repeat this process for each session attended.

Note: Our session evaluation system is designed to work from a computer and while it may work on smartphones/tablets, it is not really designed for them.

Concurrent session presenters may also complete an evaluation for their own sessions in order to track professional development credit. Remember—the last day to evaluate Columbus sessions is **December 20**.

Beginning **January 4, 2017**, you can view your transcript at the NSTA Learning Center (learningcenter.nsta.org) by logging on and then clicking **My Profile** under the **Welcome**. Here you'll find a **My Certificates** tab, which you can use to access your transcript. You can also document credit for activities that are not being evaluated (e.g., Exhibit Hall visits). In addition, the NSTA Learning Center offers professional development experiences (online and face-to-face) for your long-term growth and professionalism. For more details, see page 12. A Professional Development Documentation Form is included following page 32. This form can help you keep track of sessions/events attended that are NOT available for online session evaluation...and it can be used to take notes on sessions attended that are available for online session evaluation.

Wi-Fi in Convention Center

Complimentary Wi-Fi internet access is available throughout all public spaces in the Convention Center. Service is intended for casual internet access, e-mail, etc. It is not intended to provide general internet access needs for all conference attendees. To access, choose "Free Internet"; no code required.

Additional bandwidth is available for an additional charge through Smart City. Visit bit.ly/2dylYaU for details.

Graduate Credit Opportunity

Columbus attendees can earn one (1) or two (2) graduate-level credit/s in professional development through Dominican University of California (dominicancaonline.com). For complete details on assignment requirements, go to bit.ly/2aBJikX. You can also contact Lisa Johnson-Bowers at 330-289-9159 or LJB@DominicanCAonline.com with any questions. Deadline is December 19, 2016.

Ticket Update

SC-1 Curious KIDSS (Kindling Inquiry and...) *Canceled*

Special Discounts from COSI

COSI is offering discounted tickets to NSTA Columbus conference attendees for regular COSI admission as well as COSI After Dark (ADULTS only—ages 21+. Valid ID required). Attendees will save off the general public admission of \$20 for those ages 13+ and \$15 for children ages 2–12. The admission discounts vary up to \$5 per ticket. To receive the discount, visit bit.ly/2fPOKTI. Select your tickets, purchase, and download to your smartphone. Bring proof of purchase to COSI's Box Office. Questions? Contact Roxi Komminsk at 614-629-3140 or rkomminsk@cosi.org. Hope to see you there!



Regular Hours

COSI, Columbus' dynamic science center, features 320,000 square feet of hands-on science exhibition areas, Central Ohio's largest digital movie screen, a Planetarium, the country's only high-wire unicycle, and live rats that play basketball. Open daily during the NSTA conference from 10:00 AM to 5:00 PM.

COSI After Dark (Adults Only)

'Tis the season for toys! Become a kid again at COSI After Dark. Challenge your friends to a battle in the Nerf® Gun Arena. Solve puzzles and interact with some of COSI's favorite toys. Conquer one of life's mysteries and learn how to solve Rubik's Cube. Plus explore COSI; ride the High-Wire Unicycle; and enjoy special-themed activities, concessions, and a cash bar. Participants must be ages 21+. Valid ID required.

Exhibit Hall Hours

Located in Hall B of the Convention Center, exhibits will be open for viewing during the following hours. Don't forget the Exclusive Exhibits Hall hours on Thursday from 11:00 AM to 12:30 PM and Friday from 1:30 to 3:00 PM. During these hours, there are no teacher sessions scheduled and it's a perfect time to visit the exhibits and discover all the products and services companies and organizations have to offer.

Thurs., Dec. 1	11:00 AM–5:00 PM
Fri., Dec. 2	9:00 AM–3:00 PM
Sat., Dec. 3	9:00 AM–12 Noon

NSTA Science Store Hours

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

Wed., Nov. 30	4:00–7:00 PM
Thu., Dec. 1	7:30 AM–5:30 PM
Fri., Dec. 2	7:30 AM–4:00 PM
Sat., Dec. 3	8:00 AM–12 Noon

Thursday Program Changes

Canceled Short Course

Curious KIDSS (Kindling Inquiry and Discovery in Science and Social Studies)(SC-1), 8:30–11:30 AM, Nationwide B, Hyatt (p. 40).

Canceled Sessions

Embedded Assessment: Making Instructional Activities Opportunities for Formative Assessment, presentation, 3:30–4:30 PM, Taft B, Hyatt (p. 58).

“Blooming” Children: Focusing On Kindergartners’ Natural Curiosity and Learning Capacities Through Science, hands-on workshop, 3:30–4:30 PM, Franklin C, Hyatt (p. 59).

Nurturing Curious Minds: Exploring the Science Encountered in the Young Child’s World and Inspiring Sustained Curiosity, Interest, and Learning, presentation, 5:00–6:00 PM, Franklin A, Hyatt (p. 61).

New Presenters

The following presenters join Kelli Shrewsberry as co-presenters of the hands-on workshop **“SCORE!” with Nonfiction Text and Inquiry-Based Science**, 12:30–1:30 PM, McKinley, Hyatt (p. 48):

Renee Snyder (@reneelynn Snyder; renee@teachinglearningcollaborative.org), Teaching & Learning Collaborative, Columbus, OH

Terry Shiverdecker (shiverdecker.7@osu.edu), Ohio Resource Center, Columbus

Scott Spohler (sspohler@mplsd.org), Madison-Plains High School, London, Ohio, joins Briana Richardson as co-presenter of the hands-on workshop **Designing Bridges: Math, Materials, and Methods**, 2:00–3:00 PM, Taft D, Hyatt (p. 54).

Susan Bixler (bixler.42@osu.edu), Ohio State’s Stone Laboratory, Put-in-Bay, joins Lyndsey Manzo and Angela Greene as a co-presenter of the hands-on workshop **Sink into Science at Stone Lab**, 5:00–6:00 PM, Franklin D, Hyatt (p. 62).

Friday Program Changes

Canceled Sessions

MI Science PL@N: Resources for Introducing the Vision of the Framework to Teachers and Administrators, presentation, 11:00 AM–12 Noon, B244/245, Convention Center (p. 77).

Use Free BioInteractive Resources to Enhance Biology Data Literacy Skills, exhibitor workshop, 12:30–1:30 PM, C160, Convention Center (p. 85).

Using Learning Progressions to Better Integrate Instruction and Assessment in Three Dimensions, presentation, 3:30–4:30 PM, Taft B, Hyatt (p. 89).

New Session Title

The presentation **AAPT Session: 30 Demos in 60 Minutes from the Ohio Section of AAPT**, 5:00–5:30 PM, Union A, Hyatt, has a new title (p. 92):

A Wealth of Demos in 30 Minutes from the Ohio Section of AAPT

New Presenters

Tracy Merica, Graham Middle School, Saint Paris, Ohio, joins Bruce Patton et al. as a co-presenter of the hands-on workshop **How to Incorporate Math and Literacy in Grades 6–12 Active Learning NGSS-Based Activities**, 9:30–10:30 AM, Taft D, Hyatt (p. 74).

Sarah Folzenlogen (@SpotOn_k12; sfolzen1@gmail.com), ConnectingEd, Ladys Island, S.C., joins Tanya Parisi as co-presenter of the presentation **What’s Under the Hood? A Framework and Tools for Evaluating Digital Classroom Materials That’s Better Than Kicking the Tires!**, 9:30–10:30 AM, Taft D, Hyatt (p. 74).

The following presenters join Ron Fabich et al. as co-presenters of the hands-on workshop **The Ohio and National Earth Science Teachers Association Share-a-Thon**, 11:00 AM–12 Noon, Regency Ballroom, Hyatt (p. 78):

Dan Barstow (dbarstow@iss-casis.org), CASIS, Melbourne, Fla.

Amy Boros (aboros@perrysburgschools.net), Perrysburg Junior High School, Perrysburg, Ohio

Parker Pennington IV (p.o.pennington@gmail.com), Retired Educator, Ann Arbor, Mich.

Saturday Program Changes

Canceled Sessions

Differentiating K–6 Science Instruction to Enable All Students to Inquire, Explore, Participate, and Achieve Success, presentation, 8:00–9:00 AM, B130, Convention Center (p. 95).

The Emerging Bioeconomy: The Products Being Made, the Technologies Behind It, and Future Careers, presentation, 11:00 AM–12 Noon, B232, Convention Center (p. 101).

New Presenters

The following presenters join Christopher Fenk and Claudia Khourey-Bowers as co-presenters of the hands-on workshop **Conceptual Chemistry: Repurposed Materials for Low-Cost Science Experiments**, 8:00–9:00 AM, Ohio Center B/C, Convention Center (p. 96):

Donald Gerbig (dgerbig@tusc.kent.edu), Kent State University Tuscarawas Campus, New Philadelphia, Ohio

Kevin Fenk (fenk.1@osu.edu), The Ohio State University, Columbus

Saturday Program Changes, cont.

New Presenters, cont.

Robert Batty (*robert.batty@darkeesc.org*), Darke County Educational Service Center, Greenville, Ohio, joins Angela McMurry as co-presenter of the hands-on workshop **Logistic Growth and the Zombie Apocalypse**, 8:00–9:00 AM, Franklin D, Hyatt (p. 96).

Scott Spohler (*sspohler@mplsd.org*), Madison-Plains High School, London, Ohio, replaces Andy Nydam as presenter of the presentation **Old Polymer Labs with 21st-Century Learning**, 9:30–10:30 AM, B132, Convention Center (p. 98).

Terry Shiverdecker (*shiverdecker.7@osu.edu*), Ohio Resource Center, Columbus, joins Jessica Fries-Gaither as co-presenter of the hands-on workshop **NSTA Press® Session: Inquiring Scientists, Inquiring Readers: Integrating Literacy and Inquiry in Middle School Science**, 9:30–10:30 AM, Franklin A, Hyatt (p. 99).

Makenzie Daniels, Pleasant View Middle School, Grove City, Ohio, joins Lesa Marchiando et al. as a co-presenter of the hands-on workshop **Caught Up in Currents**, 9:30–10:30 AM, Franklin C, Hyatt (p. 99).

New Exhibitors

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Phone: 202-421-7895
E-mail: *byrd.samantha@gmail.com*

Envision's Mission: At Envision, we are dedicated to enabling students to discover their career and life interests, and to providing students with the skills, resources, and experiences they need to successfully achieve their goals. #CarpeFuturum

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E-mail: *dshaw@sciencemadefun.net*
Website: *www.sciencemadefunfranchise.net*

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NGSS assessments with targeted simulations in partnership with prep magic, OpenEd now offers hundreds of NGSS-focused assessments and interactives.

For each question a student answers incorrectly, an interactive simulation is presented to help the student master that exact concept. In addition, the student can also choose to watch hand-picked targeted videos or games for extra help. Interactives support biology, physics, chemistry, and Earth and space sciences.

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