

# Program Changes

NSTA Atlanta National Conference

March 15–18, 2018

## Session Evaluations

### Chance to Win an Apple iPad mini 2

Help NSTA's GREEN efforts by completing session evaluations online **March 14–27, 2018**, while the session is fresh in your mind! Please visit page 17 for complete instructions.

*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.

Beginning **April 6, 2018**, you can view your transcript at the NSTA Learning Center ([learningcenter.nsta.org](http://learningcenter.nsta.org)) by logging on and then clicking **My Profile** under the **Welcome**. Here you'll find a **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 learning experiences (online and face-to-face) for your long-term growth and professionalism.

## Ticket Updates

<b>SC-12</b>	Elementary GLOBE Short Course...	<i>Canceled</i>
<b>F-4</b>	STEM-Themed Guided Tour at Zoo...	<i>Sold Out</i>

## Wi-Fi at the Georgia World Congress Center

Free wireless for attendees is available in most of the GWCC lobbies by connecting to the "GWCC Free Wi-Fi" network. This limited service is for light web browsing.

Located in Hall B-2 of the Georgia World Congress Center, exhibits will be open for viewing during the following hours:

Thurs., March 15	11:00 AM–6:00 PM
Fri., March 16	9:00 AM–5:00 PM
Sat., March 17	9:00 AM–3:00 PM

## 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., March 14	4:00–7:00 PM
Thu., March 15	7:30 AM–5:00 PM
Fri., March 16	7:30 AM–5:00 PM
Sat., March 17	7:30 AM–4:00 PM
Sun., March 18	8:00 AM–12 Noon

## Updates to Dedicated Hotel Channels

NSTA TV is an on-site conference television channel featuring a new episode daily, screened around the Georgia World Congress Center, as well as on a dedicated television channel in selected guest hotel rooms and online.

You can access NSTA TV at the following hotels:

Atlanta Marriott Marquis ..... channel 75

Hyatt Regency Atlanta..... channel 56

Omni Atlanta Hotel at CNN..... channel 65  
Center

Westin Peachtree Plaza ..... channel 80

You can also watch NSTA TV online at [www.websedge.com/videos/nsta\\_tv](http://www.websedge.com/videos/nsta_tv) on social media or the NSTA website.

## Parking Discounts

NSTA has negotiated a discount parking rate at the Georgia World Congress Center—only \$10 per day if you pre-pay for each day via the Parkmobile app!

- Visit [gwcc.clickandpark.com](http://gwcc.clickandpark.com) and find the NSTA National Conference on the calendar by searching dates 3/14/18 to 3/18/2018.
- Click on the National Science Teachers Association link for each day you want to purchase a parking pass, and then
- Enter Access Code **NSTA** to get the discount (\$10 plus taxes/fees). Select one of the parking garages around GWCC and complete the transaction. Discount parking will be offered from Wednesday, March 14, through Sunday, March 18.

## Sunday AM Only: New Shuttle Boarding Location

Due to the Publix Georgia Marathon that will be held on Sunday morning, the boarding location for the **Sheraton** will be across the street from its original location for **Sunday morning only**. After 9:00 AM, Sunday shuttle service will resume normal routing but traffic in the area may still be heavy due to increased traffic.

## Graduate Credit Opportunity

ATLANTA conference attendees can earn one or two graduate-level credits/units in professional development through Dominican University of California ([dominicancaonline.com](http://dominicancaonline.com)) For details, visit [bit.ly/2jwJzff](http://bit.ly/2jwJzff). or see Vol. 1, page 16.

## Complete List of Presenters

A complete list of presenters for each session is available at [www.nsta.org/atlantabrowser](http://www.nsta.org/atlantabrowser).

## Thursday Program Changes

### New Exhibitor Workshops and Title/Description Changes

#### **New Title and Description 12 Noon–1:30 PM**

The exhibitor workshop titled **Cliff Model**, 12 Noon–1:30 PM, B305, GWCC (Vol. 1, p. 111) has a new title and description:

#### **NGSS Designing Ocean Breakwaters**

Science Focus: LS1.A, LS4.A, SEP2, SEP6, SEP7

The relentless action of waves breaking on the shoreline can pose special problems for coastal homeowners. Use new tools to model the effect of ocean waves on a cliff as you design and test breakwater structures to prevent beach erosion. Strong support for middle level NGSS engineering practices provided. From the SEPUP Third Edition Middle School Land, Water and Human Interactions unit—re-designed for NGSS, it supports MS-ESS3-3, ETS1-2, ETS1-3, and CCSS ELA.

#### **Exhibitor Workshop 2:00–3:30 PM**

##### **Speaking from Experience: AEOP Alumni Tell All!**

(General) *B313, GWCC*

Science Focus: GEN, NGSS

Sponsor: AEOP

**Matthew Hartman**, ECYBERMISSION Content Manager, NSTA, Arlington, VA

Competitions and symposia are just the beginning. Young scientists/engineers across the country are empowering the future through their AEOP participation. Come see just how far our alumni have traveled, learn where they are going, and experience their contagious excitement. Drawing for NSTA Science Store gift cards during the workshop.

#### **Exhibitor Workshop 2:00–3:30 PM**

##### **Forensic Anthropology: Scenario-Based Approach Incorporating Three Hands-On Labs**

(Grades 7–12) *B407, GWCC*

Science Focus: LS1.A, LS4.A

Sponsor: Bones Clones, Inc.

**Lael McAuliffe** (*lael@kimseattle.org*) and **Joanie Block** (*joanie@kimseattle.org*), KIMSeattle (Kids in Medicine & Science, Seattle, WA

Discover an integrative approach that introduces forensic anthropology segueing into three career-connected labs. This scenario-based lesson with historical depth deliberately engages students in an interdisciplinary way. The intersection of science, history, and math creates opportunity for crosscutting understanding. Participants complete labs in ancestry, sex, and stature.

#### **Exhibitor Workshop 4:00–5:30 PM**

##### **On Your Mark: Get RESET!**

(Grades 6–12) *B313, GWCC*

Science Focus: GEN, NGSS

Sponsor: AEOP

**Sally Pardue**, Millard Oakley STEM Center, Cookeville, TN  
Do you want to work with scientists/engineers during the summer...and receive a stipend for doing so? Come hear from teachers who have had the opportunity with the Army Educational Outreach Program "Research Experiences for STEM Educators and Teachers." There is still time to apply for this year.

### **New Location for Ron Clark's Book Signing**

General Session speaker Ron Clark will now be signing copies of his books at Booth #1443 in the Exhibit Hall, starting at 11:00 AM until 12:15 PM. The original location for the book signing was Booth #603. The books will be available for purchase at the booth while supplies last.

### **Canceled Sessions**

**AMSE-Sponsored Session: Opening the Gateway to Success Using Case Studies to Help Implement Science**, presentation, 12:30–1:30 PM, Juniper, Omni (Vol. 1, p. 117)

### **New Location**

The correct location for **Next Generation Chemistry** (presentation, 8:00–9:00 AM), is **301, GWCC**. This location was incorrectly listed as 301, Omni, in Vol. 1, p. 85.

### **New Start Time**

**NSELA Membership Breakfast** is now 7:30–10:00 AM (same location) (Vol. 1, p. 81)

## Friday Program Changes

### Canceled Sessions

**Fake News! Helping Students Understand the Process of Science**, presentation, 8:00–9:00 AM, A311, GWCC (Vol. 2, p. 16)

**ASTE-Sponsored Session: CONnected!** hands-on workshop, 8:00–9:00 AM, Spruce, South Tower, Omni (Vol. 2, p. 23)

**Meet Me in the Middle Session: Using Agriculture to Enhance STEM Education**, presentation, 1:00–1:30 PM, A314, GWCC (Vol. 2, p. 76)

**AMSE-Sponsored Session: Hands On and Easy—Stimulate Learning for Diverse Learners**, presentation, 3:30–4:30 PM, Spruce, South Tower, Omni (Vol. 2, p. 97)

**Scoring Gains in Health Literacy**, hands-on workshop, 5:00–6:00 PM, C209, GWCC (Vol. 2, p. 110)

**QUIT Teaching! Start Facilitating! Strategies for Creating a Student-Centered Learning Environment**, presentation, 5:30–6:00 PM, C204, GWCC (Vol. 2, p. 112)

**Personalized Learning: A Framework for Science**, presentation, 5:30–6:00 PM, Walnut, Omni (Vol. 2, p. 113)

## Saturday Program Changes

### Canceled Sessions

**Using Differentiation in Phenomena-Based Inquiry**, hands-on workshop, 8:00–9:00 AM, C212, GWCC (Vol. 3, p. 19)

**Science and Literacy Are Phenomenal!**, hands-on workshop, 3:30–4:30 PM, A405, GWCC (Vol. 3, p. 73)

**Research Skills and Activities for Teachers and Students**, hands-on workshop, 3:30–4:30 PM, Cottonwood A/B, Omni (Vol. 3, p. 74)

## Sunday Program Changes

### Canceled Sessions

**Using Augmented and Virtual Reality in the Classroom**, hands-on workshop, 8:00–9:00 AM, B301, GWCC (Vol. 3, p. 82)

**Integrating Science and Literacy in K–3: Hands-On Scientific Investigations and Literacy Strategies for Teachers**, hands-on workshop, 11:00 AM–12 Noon, A405, GWCC (Vol. 3, p. 88)

## Exhibitor Changes

### New Exhibitors

**Amazon Business** #753  
325 9th Ave. N T  
Seattle, WA 98109  
Website: [www.amazon.com/business](http://www.amazon.com/business)

**Custom Feet InSoles** #1944  
9461 Village Pkwy. T  
California City, CA 93505 College  
Phone: 667-309-1546  
E-mail: [office@feetinsoles.com](mailto:office@feetinsoles.com)

**Ed Speldy East Company Ltd.** #553  
2257 Four Mile Creek Rd. B, T  
Niagara on the Lake PreK–12  
Ont., LOS 1J0  
Canada  
Phone: 905-358-1688  
E-mail: [jeffrey.dai@realcoolbug.com](mailto:jeffrey.dai@realcoolbug.com)  
Website: [www.edubiology.com](http://www.edubiology.com)

We are a supplier of Plastomount products—Lifecycle of insects, dissection products, Plant germination, Animal Skeleton Products, Biology For Kids products, and more. Find out more at Booth #553.

**Educational Freedom Coalition** #552  
160 Brandenburg Way All  
Fayetteville, GA 30215 All Grades  
Phone: 678-923-0597  
E-mail: [marykaybacallao@hotmail.com](mailto:marykaybacallao@hotmail.com)  
Website: [www.educationalfreedomcoalition.com](http://www.educationalfreedomcoalition.com)

The history of science will be displayed, as well as handouts with a timeline on the history of science.

**Explore Scientific** #1305  
1010 S. 48th St. EA  
Springdale, AR 72762 1–12, College  
Phone: 866-257-3811, x315  
E-mail: [greg@explorescientific.com](mailto:greg@explorescientific.com)  
Website: [www.explorescientificusa.com](http://www.explorescientificusa.com)

Founded in 2008, Explore Scientific has grown by meeting demanding standards for clarity, contrast, and functionality. We focus on high-quality telescopes, premium eyepieces, and astronomy accessories. In 2009, we joined forces with Bressert to include binoculars, microscopes, and other instruments for both science and outdoor enthusiasts.

**Fit to a Tee** #1831  
1651 Lee Dr. B, C, EA, G, PH, PD  
Edgewater, MD 21037 6–12, College  
Phone: 410-798-5732  
E-mail: [kwash5241@verizon.net](mailto:kwash5241@verizon.net)

Check out our academic designs—often humorous, that we screen-print on good quality heavy-weight cotton T-shirts.

**Foldscope** #653  
2625 Middlefield Rd. B, EN, G, T  
Suite 938 4–12, College  
Palo Alto, CA 94306  
Phone: 408-234-0823  
E-mail: [ken@foldscope.com](mailto:ken@foldscope.com)  
Website: [www.foldscope.com](http://www.foldscope.com)

AN ORIGAMI-BASED MICROSCOPE—Foldscope is an ultra-affordable, paper-based microscope that you assemble yourself. It is designed to be inexpensive, durable, and give optical quality similar to conventional research microscopes. With magnification of 140X and resolution of 2 microns, Foldscope brings microscopy to new places.

## Exhibitor Changes, cont.

**KDH Research and Communication**  
1175 Peachtree St. NE  
Atlanta, GA 30361  
Phone: 404-968-8008  
E-mail: [lgover@kdhrc.com](mailto:lgover@kdhrc.com)  
Website: [www.kdhrc.com](http://www.kdhrc.com)

KDHRC conducts rigorous research to explore complex social problems and construct powerful programs that improve the health and well-being of youth, families, and communities. KDHRC presents Proper use of Prescription Drugs (POP-D) as a school-based prescription drug abuse prevention program. POP-D uses science education to specifically address the unique challenges of Rx abuse.

**Library of Congress**  
101 Independence Ave. SE  
Washington, DC 20540  
Phone: 202-707-5000  
Website: [www.loc.gov](http://www.loc.gov)

The Library of Congress has millions of primary sources: Jefferson's weather journal, Hooke's drawings, and Dust Bowl photographs exemplify how scientists think and apply science; how ideas evolve; and how science is related to society. Learn strategies to use primary sources to facilitate engagement, critical thinking, and construction of knowledge.

**Make Music Count**  
855 Peachtree St. NE  
Atlanta, GA 30308  
Phone: 404-966-5415  
E-mail: [marcus@makemusiccount.com](mailto:marcus@makemusiccount.com)  
Website: [www.makemusiccount.com](http://www.makemusiccount.com)

Make Music Count is a math curriculum taught through playing the piano. Students solve real math equations that range from applying fractions, algebra, and graphing on the x and y axis. But the answers to these equations are piano notes to immediately play melodies and chords of popular songs. With this curriculum, students increase their math confidence while learning how to play an instrument at the same time.

**#1834 MyStemKits.com**  
B, G  
6-8  
Ten 10th St. NW  
Atlanta, GA 30309  
Phone: 404-478-2733  
E-mail: [kprattii@mystemkits.com](mailto:kprattii@mystemkits.com)  
Website: [www.mystemkits.com](http://www.mystemkits.com)

MyStemKits is a team of energetic and dedicated educators, parents, and technology specialists focused on making quality education available and affordable for all. MyStemKits is a subscription-based service that'll give you on-demand access to print manipulatives from the world's most extensive 3D printable kit library. MyStemKits' focus on hands-on learning promotes deep conceptual understanding that equips students with the necessities needed to succeed in the 21st century.

**NASA ISS Trailer**

NASA's Driven to Explore (DTE) mobile exhibit is a multimedia experience that immerses visitors in the story of NASA and the International Space Station. The DTE contains seven screens housing information all about the Space Station and how the station is helping with our journey to Mars, as well as one of only eight touchable moon rocks in the world! Outside the mobile exhibit, visitors are invited to learn about life in space from one of our NASA staffers or get their picture taken inside the NASA mock-up spacesuit.

**NASA Science Mission Directorate**

NASA's Science Mission Directorate carries out scientific exploration of the Earth, Moon, Mars, and beyond. It seeks to establish an understanding of the Earth, other planets, and their evolution, and bring the lessons of our study of Earth to the exploration of the solar system.

**Navajo Jewelry & Crafts**  
6008 Hemlock Ave. NW  
Albuquerque, NM 87114  
Phone: 505-301-9133  
E-mail: [krsanchezabq@hotmail.com](mailto:krsanchezabq@hotmail.com)

We specialize in handcrafted sterling silver jewelry made with natural stones and shells made by family and extended family from the Navajo, Zuni, and Santo Domingo tribes of New Mexico.

**#1912 Paleontological Research Institution**  
All  
K-12  
1259 Trumansburg Rd.  
Ithaca, NY 14850  
Phone: 607-273-6623  
E-mail: [dad55@cornell.edu](mailto:dad55@cornell.edu)  
Website: <http://priweb.org>

The Paleontological Research Institution (PRI) interprets the history and systems of the Earth and its life. Our booth will feature the Maize Diversity Project and resources related to our series of Teacher-Friendly Guides. The 10 guides in the series include regional guides to Earth science, teaching evolution, and climate change.

**SynDaver**  
8506 Benjamin Rd.  
Tampa, FL 33634  
Phone: 813-600-5530  
E-mail: [k.king@syndaver.com](mailto:k.king@syndaver.com)

SynDaver is a global medical technology and education company. Products on display will be a NEW cutting-edge cat dissection model that is made of live wet tissue to replicate a real cat. We will also display and anatomy table that allows for virtual and 3D dissections, anatomy education, and more.

**Touch of Life Technologies**  
12635 E. Montview Blvd.  
Suite 350  
Aurora, CO 80045  
Phone: 720-505-2831  
E-mail: [karen.storck@toltech.net](mailto:karen.storck@toltech.net)  
Website: [www.toltech.net](http://www.toltech.net)

**XYZprinting**  
20191 Windrow Dr.  
Lake Forest, CA 92630  
Phone: 949-484-7755  
E-mail: [pkp@xyzprinting.com](mailto:pkp@xyzprinting.com)  
Website: [www.xyzprinting.com](http://www.xyzprinting.com)

XYZprinting provides affordable educational focused 3D printing solutions. Our 3D printers start at \$249 and come paired with the industry's only NGSS-focused 3D printing curriculum.

**Canceled Exhibitor**  
**Go Teach!**

**#1443**