

October newsletter from your regional representative



October 2019

Select your regional newsletter below

Region 1	Region 2	Region 3	Region 4
Region 5	Region 6	Region 7	Region 8
Region 9	Region 10		

Go [here](#) to find out which region you are in

NSTA Area Conference

CONFERENCE
PREVIEW

2019

AREA
CONFERENCES
ON SCIENCE
EDUCATION



**This Is the Place for
Monumental Science**

SALT LAKE CITY, UT
OCT. 24-26



**Science: The Bridge to
Endless Possibilities**

CINCINNATI, OH
NOV. 14-16



**Fostering a Culture
for Science**

SEATTLE, WA
DEC. 12-14

#NSTA19

REGISTER EARLY AND SAVE \$\$
WWW.NSTA.ORG/CONFERENCES



NSTA Student Guide Volunteers Needed



NSTA LOCAL AREA CONFERENCE

WANTED: HIGH SCHOOL STUDENT VOLUNTEERS

Student guides are needed at the NSTA Conference in Salt Lake City, October 24-26

**ARE YOU INTERESTED?
FILL OUT THIS FORM WITH YOUR
AVAILABILITY:
[HTTPS://FORMS.GLE/I6HCNGCE
WE6VLQFS5](https://forms.gle/I6HCNGCEWE6VLQFS5)**

We are looking for 9th-12th grade student volunteers to serve as guides during this conference. Student volunteers are seen as ambassadors of the local school system and serve to showcase the young people in our state.

UtSTA 2020 Mini-Regional Conferences

UtSTA is proud to announce:

**MINI REGIONAL SCIENCE
CONFERENCE**

*Planting the
SEEDs of Science*

Southern Utah

Feb 22, 2020

Cedar City, UT

Northern Utah

Feb 29, 2020

Bigden UT

9:00am-3:30pm

Cost: \$35 (includes lunch)

#supersaturdayscience

#nosubplansneeded

UtSTA Family Days



UTSTA REGION 3 FAMILY DAY HIKE

10.18.2019

10 AM | TEMPLE QUARRY TRAIL

Join UTSTA Region 3 Representative Laura Cotter and outreach educator Holly Walker from Discovery Gateway on a short walk along Little Cottonwood Creek. Learn the history of the rock quarry for the Salt Lake Temple, the geology of the canyon, and enjoy the beautiful fall leaves.

After the walk is done, you may continue walking on the trail on your own as long as you'd like; the trail continues 4.5 miles up the canyon. There are also many picnic areas along the road in Little Cottonwood Canyon if you would like to take your family on a picnic lunch after the activity is over.

RSVP to Laura Cotter (lcotter@utsta.org) at least one week in advance if you plan to attend.

Utah STEM Fest

FREE FAMILY EVENT



FAMILY NIGHT
Monday, October 7
4:30-8:30pm

Mountain America Expo Center
(formerly the South Towne Expo Center)
9575 State St, Sandy, UT

Utah STEM Fest is a fun and interactive exhibition of applied **science, technology, engineering and math** that excites and inspires kids to explore STEM careers.

From hands-on activities to interactions with STEM industry professionals, there's plenty for everyone to discover at this event!



More than **100**
LIVE exhibits
to freely **EXPERIENCE!**

USSynthetic

Dominion Energy

STEM ACTION CENTER

UT FLASH

Deseret News

KSL

Seagull Book

Good Today

For general information and volunteer opportunities:

WWW.UTAHSTEMFEST.COM

   @STEMUtah

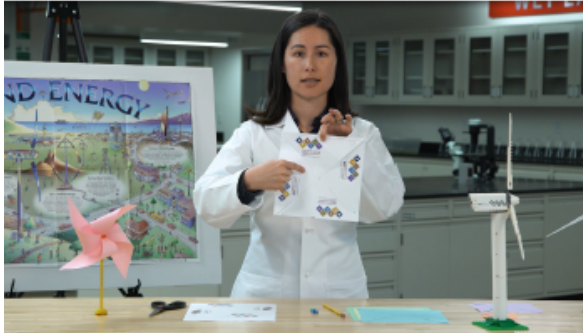
Energy in the Classroom

SECONDARY TEACHERS! 7-12TH

ENERGY IN THE CLASSROOM

November 13, 2019, 8-3:00

JATC North 9301 S Wights Fort Rd,
West Jordan, UT 84088



SEEd Lessons - 3D

\$150 of materials

\$100 stipend for sub

\$15.00 registration

30+ lessons

7 hours relicensure

Lessons:

Uses of Petroleum

Digging into Renewables

Harnessing the Sun

Combustion Process

Peltier Plates Batteries

Register at utsta.org!

For more information, contact Dawn Monson
dmonson@utsta.org



Powered
By



The Governor's Office of Energy Award

SECOND ANNUAL AWARD

The Governor's Office of Energy Award

GOVERNOR'S OFFICE OF
ENERGY DEVELOPMENT
Advancing Utah's Energy Future



**A collaboration between the Governor's Office
of ENERGY Development and the UtSTA**

- How do you focus on Energy in your classroom?
- Tell us about your natural resources activities.
- Do you encourage careers in STEM Energy?
- \$500 award and trophy
- Presented at Governors Energy Summit May, 2020
- Must be UtSTA member
- Apply at <https://tinyurl.com/EnergyAward2020>

**Application due December 10, 2019
apply at utsta.org**

Exploring the Deep Ocean with NOAA

Professional Development for Educators of Grades 6-12

Exploring the Deep Ocean with NOAA

All life on Earth relies on the ocean— yet, the ocean is largely unexplored, unknown and unseen by human eyes...



Ocean Exploration
and Research



WHEN AND WHERE:

Saturday, November 2, 2019
8:00 am - 4:00 pm

In partnership with and hosted by:

Loveland Living Planet Aquarium
Draper, Utah

REGISTRATION DEADLINE:

October 12, 2019

For more information and to register please contact Kristen Smith at:

kristen.s@thelivingplanet.com or at (801) 355-3474, ext. 256

Lessons are designed for grades 6-12 but many activities can be scaled to suit educator needs.

If you have previously participated in a *Why Do We Explore?* or *How Do We Explore?* workshop this PD offering will be repetitive.

An essential component of the National Oceanic and Atmospheric Administration's (NOAA's) Office of Ocean Exploration and Research (OER) mission is to enhance ocean science literacy and understanding of why it is important to explore our little-known ocean world. To help fulfill this mission, the *NOAA Ship Okeanos Explorer Education Materials Collection* was developed to encourage educators and their students to become engaged with expeditions and discoveries made by the *NOAA Ship Okeanos Explorer*—America's first Federal ship dedicated to ocean exploration.

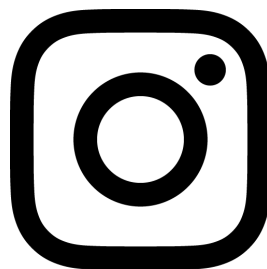
Educators are invited to join NOAA OER staff to learn more about the importance of ocean exploration, current exploration technologies, and recent deep-sea discoveries. This **full day professional development workshop** will introduce standards-based, hands-on activities and other resources that guide classroom teaching and learning. Ocean health, unique underwater habitats, underwater mapping, and remotely-operated vehicles are just a few of the topics to be addressed.

Registration is required and space is limited. Educators will receive NOAA Ship *Okeanos Explorer* education materials, additional resources, a NOAA Ocean Exploration Certificate of Participation, continental breakfast, lunch, admission to the aquarium, parking and a \$75 stipend.



oceanexplorer.noaa.gov

Follow Us on Social Media!



Instagram: [@utscienceteachersassociation](https://www.instagram.com/utscienceteachersassociation). Follow us for a chance to win a drawing on October 4th for free passes to the Loveland Living Planet Aquarium. There will be 10 winners!



Facebook: [Utahscienceteachers](#). Like our page for a chance to win a drawing on October 4th for free passes to Discovery Gateway Children's Museum. There will be 3 winners!



Twitter: [@UtSciTA](#). Follow for a chance to win a drawing on October 4th for free passes to the Leonardo. There will be 4 winners! Use #UtSciEd to tag us in tweets!

Want More Science News?

Follow the [State Science Blog](#)! It's updated regularly with opportunities for science teachers across the state.

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