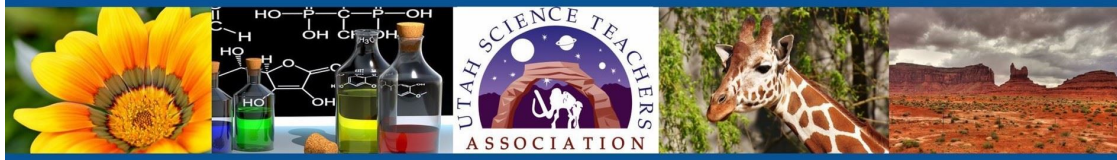


UTSTA NEWSLETTER

UTAH SCIENCE TEACHERS ASSOCIATION



February 2022

Select your grade-level newsletter below

[Elementary School](#) | [Middle School](#)

[High School](#) | [Higher Education](#)



UtSTA Fall Conference

October 7, 2022 in Provo

Marriott and Utah Valley
Convention Center

[Click Here to Register](#)

Presenters Needed

Do you have a great ideas to
share of how to excel in our
Multiverse of education?

[Click Here to apply.](#)

Board member positions open

Region 1, 4, 7, High School
Representative & Middle
School Representative. Watch
for applications!!!

Rural Grant

Reimbursement Grant for underserved
teachers. Applications Due by
September 1st, 2022

[Click Here to apply.](#)

Volunteers

UtSTA needs your help! Please consider filling
out this form to volunteer.

[Click Here to Volunteer.](#)

Banquet

Banquet hosted by UVU the evening of October
7th. Come and celebrate the award winners and
see science in action on campus. [Click Here to
register](#)

Meet the Scientist

Spend a virtual hour with a Scientist
Feb 3 with [Carie Frantz](#)
March 3 with [Bonnie Andersen](#)



**NEED A LITTLE HELP TO
ATTEND THE UTSTA
CONFERENCE?**

Funds could cover

- Registration
- Travel
- Lodging
- Substitute Cost

APPLY AT

<https://airtable.com/shr4N8tixgMMm9aVO>

Due by September 1st, 2022

Reimbursement Grant



MICHELLE ORMAND

Join UtSTA for an
amazing day of
Science

**RURAL
TEACHER
GRANT**

**UTSTA FALL CONFERENCE
TEACHING SCIENCE IN THE
MULTIVERSE**

October 7, 2022 in Provo
Register @

<https://utsta.org/event-4658825>



Our shrinking Great Salt Lake, and what we are doing to understand it

Join UtSTA for a virtual event



MEET THE SCIENTIST

DR. CARIE FRANTZ

Great Salt Lake is more than a simple body of water. It's a physical, geological, and biological phenomenon that scientists from a wide variety of disciplines wade into. Join us for Dr. Frantz's interdisciplinary take on GSL and how scientists and science students investigate this unique Utah wonder.

FREE REGISTRATION FOR MEMBERS

Register at <https://utsta.org/event-4642428>

\$30 NONMEMBERS

FEBRUARY 3RD AT 4:30

Virtual Event

More info at utsta.org

Zoom link will be emailed 2.3.2022

1 relicensure point for attendance

Face-to-face Endorsement Summer 2022

Possible reimbursement from your district or charter school. Register by week before class.



Physics 1




Astronomy




Chemistry 1






Quantum Phys



3D Science



Historical Geology

REGISTER AT
UTSTA.ORG



Science Methods



ALL SCIENCE TEACHERS SEEKING ENDORSEMENTS. The courses start dates vary. Go to utsta.org to learn more. Content learning, Discussion, Classroom Application, and a wrap-up assignment. Total cost is \$500 for UtSTA Members. Contact your District for possible reimbursement of \$500-\$750



THREE DIMENSIONS OF AUTHENTIC SCIENCE AND SCIENCE LEARNING

THIS COURSE SATISFIES ONE OF THE NEW REQUIREMENTS FOR
SECONDARY TEACHERS SEEKING AN ENDORSEMENT

JUNE 13-17 REGISTER
[HTTPS://UTSTA.ORG/EVENT-4666536](https://utsta.org/event-4666536)

Solving Utah Air
Quality Issues:
BE PART OF THE SOLUTION



DATE: FEB 16 OR MARCH 23, 2022
8:00-3:30

LOCATION

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

DETAILS

- 7 relicensure points
- Equipment - \$150 value
- Stipend- \$100 toward Substitute OR to teacher if no substitute needed
- \$15 registration fee refunded upon completion of training
- Lunch & snacks


REGISTER

<https://www.breatheutah.org/education/teacher-training>



AUDIENCE

- 5th grade - Matter SEEd 5.2.2
- 6th grade - Molecules, SEEd 6.2.1
- 8th grade - Natural Resources SEEd 8.1.2 & 8.4.1-3
- 9th Earth & Space - Natural Resources SEEd 4.1

BREATHEUTAH.ORG



Generously Underwritten
by



Lesson Topics

What are Utah's specific air quality issues? Why is polluted air a problem? What is being done to reduce pollution? What can we each do to be part of the solution?

Energy Pathways Scholarship STEM Opportunity

Together with Chevron, the Utah Office of Energy Development ([OED](#)) gives out multiple [Energy Pathways Scholarships](#) every year. These scholarships are for college, university, trade, or technical school students pursuing STEM education.

The Energy Pathways Scholarship is open to high school seniors and first-year college students planning to pursue a STEM degree or program at a Utah-based university, trade or technical school, or community college. **The deadline to apply is April 1, 2022.**

Students must complete a questionnaire and submit a 500-word essay. The scholarship is open to DACA recipients and doesn't ask for a GPA for more information, visit energy.utah.gov/scholarship.





We want YOU to accept the challenge and JOIN the mission!

eCYBERMISSION is a free, web-based competition for students in 6th to 9th grade that promotes self-discovery and real-life applications of STEM. Working in teams, students choose a problem in their community to explore with science or solve with engineering while interacting with volunteer scientists and engineers.

REGISTER TODAY!



If you are...

- a **STUDENT** looking to further your STEM knowledge
- a **TEACHER** looking to encourage and challenge students
- a **VOLUNTEER** with a passion for STEM

There is a role at eCYBERMISSION for you!

REGISTER AT WWW.ECYBERMISSION.COM/REGISTER



eCYBERMISSION is part of AEDP, the Army Educational Outreach Program, which is committed to answering the Nation's need for increased STEM literacy and to expanding STEM education opportunities across the country to open doors to new career paths for American students.

Contact Mission Control at 1-866-GO-CYBER (462-8237) or missioncontrol@ecybermission.com for more information.

20 YEARS | **Ecybermission** 
ACCEPT THE CHALLENGE

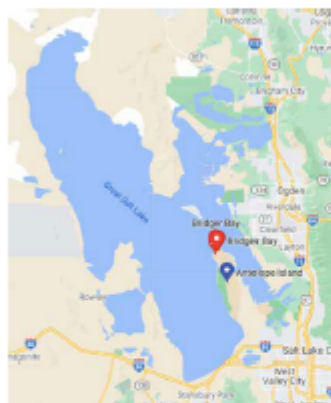
MIDAS 60775 - Tectonics Outside at Antelope Island

Saturday, March 12, 2022 Noon - 3 PM

Experience Tectonics!!

with Genevieve Atwood, former Utah State Geologist

BRING your family! Lunch for all... PD for teachers... noon to 3 PM



Where: ANTELOPE ISLAND

Bridger Bay Campground sites 7, and 8.

Why: It will amaze!!

You will learn how to bring *TECTONICS* and *Earth Processes* into your classroom.

Earn MIDAS credit (3 relicensure hours + optional zoom follow up for 2 additional relicensure hours).

Your school district may offer additional support.

PD meets SEEd standards for 2nd Grade, 5th Grade, 7th Grade, and Earth and Space Science teachers.

LUNCH for all, includes families. Teachers must attend lunch at noon (build a sandwich that models Utah's Basin and Range). After lunch, children under 15 must be supervised by an adult other than the teacher. There are trails and attractions.



Teachers who attend the workshop and take the (easy) quiz at Buffalo Point overlook will receive a set of "tectonic blocks" for teaching tectonics of the Wasatch fault zone and Utah's Basin and Range region.

Teachers will receive \$40 for travel and park expenses.

For more detail: www.earthscienceeducation.org

SEEd Standards Covered Earth

- ESS.2.4 Construct explanation for how plate tectonics results in patterns on Earth's surface.
- ESS.2.4 Develop and use models to illustrate Earth's processes through time and space (constructive and destructive forces-weathering)

Thank you to our sponsors

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Hale Centre Theatre

Discovery Gateway
ThanksGiving Point
Living Planet Aquarium

Bronze

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Wards Scientific
Ogden Nature Center
Brain POP
Ward Scientific



Home Science Tools
Cherry Hill
Utah State Football
Boondocks
Minky Couture



UTAH VALLEY UNIVERSITY

About Utah Valley University College of Science

Utah Valley University's College of Science has 21 bachelor's degrees in 6 major disciplines: Biology, Chemistry, Earth Science, Exercise Science, Mathematics and Physics. With nearly 3,000 students and over 120 faculty, the College of Science prepares students to enter Utah's scientific community in a wide variety of careers. Students in all our disciplines engage in hands-on learning in rigorous academic programs while working on faculty-mentored research in state-of-the-art facilities. For more information about UVU's College of Science, visit uvu.edu/science or follow on [Facebook](#) or [Instagram](#).

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