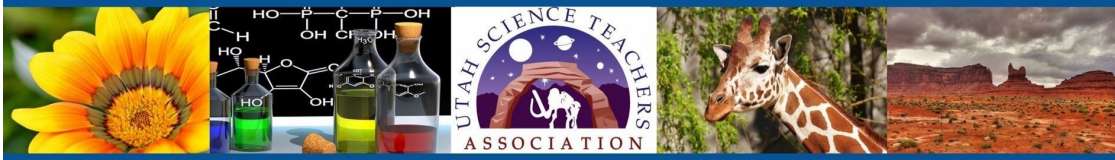


November newsletter from your grade-level representative

UTSTA NEWSLETTER

UTAH SCIENCE TEACHERS ASSOCIATION



November 2021

Select your grade-level newsletter below

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

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

SAVE THE DATE

10
MONTH

07
DAY

22
YEAR

2022 UTSTA
CONFERENCE

Online-Endorsement Courses

Starts Jan 27, 2022. Register Now

Register @ utsta.org



Geology for
Teachers



Zoology for
Teachers



Biology for
Teachers



Physics 1 for
Teachers



**Safety
Certification**



Chemistry 1
for Teachers



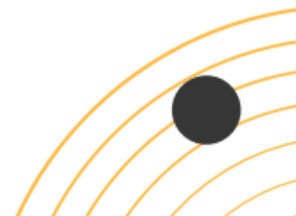
Meteorology
for Teachers

ALL SCIENCE TEACHERS SEEKING ENDORSEMENTS. THE COURSES START ON JAN 27TH IN AN ONLINE SETTING. TEACHERS CAN MAKE TIME IN THE WEEK WHEN IT WORKS FOR THEM. EACH COURSE IS SETUP ON A 12 WEEK SCHEDULE AND REQUIRE BETWEEN 4-6 HOURS A WEEK. EVERY WEEK INCLUDES FOUR MODULES: CONTENT LEARNING, DISCUSSION, CLASSROOM APPLICATION, AND A WEEKLY WRAP-UP ASSIGNMENT. TOTAL COST IS \$500 FOR UTSTA MEMBERS. CONTACT YOUR DISTRICT FOR REIMBURSEMENT OF \$500.00.



UTAH GOVERNOR'S OFFICE OF
ENERGY DEVELOPMENT

ELEMENTARY TEACHERS! 4-6TH



SECONDARY TEACHERS!

ENERGY IN THE CLASSROOM

April 5 OR 6, 2022
8:00 - 3:00

SUU STEM Center 351 W University Blvd
Cedar City, Ut 84720

SEEd Lessons - 3D
\$220 of materials
\$100 stipend for sub
\$30.00 registration
35+ lessons
7 hours relicensure

Register at
<https://utsta.org/page-1813399>



El Lessons:
Core Drilling
Patterns in Minerals
Solar Power Challenge
Transporting Oil
Physical Change
Natural Gas: Density

Sec Lessons:
Transporting Natural Gas
Digging into Renewables
Combustion Process
Peltier Plates
Batteries

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



UTAH GOVERNOR'S OFFICE OF
ENERGY DEVELOPMENT

ELEMENTARY TEACHERS! 4-6TH
SECONDARY TEACHERS!

ENERGY IN THE CLASSROOM

March 15 OR 16, 2022
8:00 - 3:00

84 East 2400 North
North Logan, UT 84123

SEEd Lessons - 3D



\$180 of materials
\$100 stipend for sub
\$30.00 registration
35+ lessons
7 hours relicensure

Register at
<https://utsta.org/page-1813399>



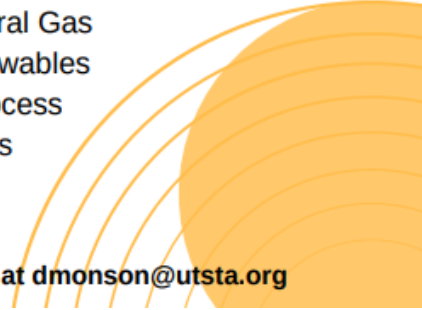
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Solving Utah Air Quality Issues: BE PART OF THE SOLUTION

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](https://www.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?



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 60448 -- Canyonlands Outside SATURDAY, November 6, 2021

Experience Erosion!

With Genevieve Atwood, former Utah State Geologist

And Jamie Carling, Blanding High School science specialist

With your family! Lunch for all...

PD for teachers... noon - 3PM



Where: Windwhistle Campground (and then to Needles Overlook)

Why: It will amaze!! You will learn how to bring *EROSION and Earth Processes* into your classroom.

Earn MIDAS credit (3 relicensure points) with zoom follow up (2 additional relicensure points). **MIDAS 60448.**

Your school district *may* offer this PD with additional support.

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



LUNCH for all including families.

Teachers must attend lunch at noon (build a sandwich that models Canyonlands). After lunch, children under 15 must be supervised by an adult other than the teacher. There's a Nature Trail!

Teachers who attend the workshop, and take the (easy) quiz at Needles Overlook will receive a "Lego" set to teach math and to model EROSION of the Colorado Plateau.

Additional Information:

<http://www.earthscienceeducation.org>

Thank you to our sponsors

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Silver

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GE Dinosaur Park

Natural History
Museum of Utah
Hale Centre Theatre

Discovery Gateway
ThanksGiving Point
Living Planet Aquarium

Bronze

Hawk Watch
Wards Scientific
Ogden Nature Center
Brain POP
Ward Scientific

EDUCATION

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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