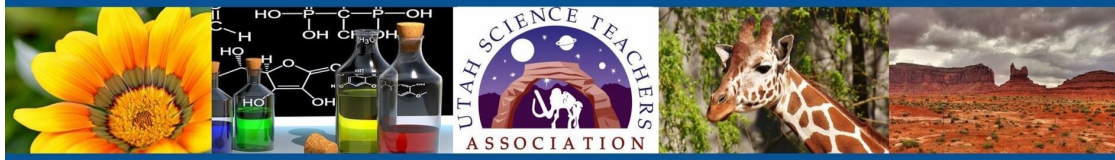


# UTSTA NEWSLETTER

UTAH SCIENCE TEACHERS ASSOCIATION



April 2021

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

## April 1st at 4:00

K-Shannon Buchannon-Temperature by Touch-K.1.3

1-Cynthia Pearson-Sound All Around-3.1 & 4

2-Annette Fannesbeck-Nielson-Earth's Surface: -2.1

3-Nate Bartholomew-Using Nearpod to Support Student Sense Making of Phenomena

4-Michelle Berg-Waves- 4.3

5- Lisa Bodily- Changing Matter-5.2.3-4

6-Lanette Stephens-Bird Ecosystem Theater-6.4.5

7-Judith Neugebauer-How does COVID-19 affect your body systems? - 7.3.3

8-Emily Hayes-Engineering Solutions to Protect and Monitor-8.3.1

ESS-Amy Rosenvall-Unpacking 3D GRC to create a storyline-ESS1.2

Chem-Edward Kimber-Identities and (Half-)Lives: When the Personal and Chemical Collide-1.1

Bio-Michelle Ormond-Making Science Social: Scaffolding discussions throughout a Biological Story Line

Phys-Duane Merrell-Teaching on the edge.

## [Energy Workforce Scholarship](#)



The Utah Energy Workforce 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 April 15 application deadline is fast approaching, but it's easy to apply.

Students only need to complete a questionnaire and submit a practice cover letter. The scholarship is open to DACA recipients and doesn't ask for a GPA. For more information visit [energy.utah.gov/scholarship](http://energy.utah.gov/scholarship)

# SEEd Energy Curriculum



In partnership with UtSTA, OED has developed a comprehensive energy curriculum for grades 4 through 12. The 35+ energy lesson plans meet state SEEd standards, offer up-to-date information on energy resources and include detailed outlines for teachers and student handouts. Teachers can download this free resource at [energy.utah.gov/curriculum](https://energy.utah.gov/curriculum).

For more information about OED and its programs visit us online:

[YouTube](#)

[LinkedIn](#)

[energy.utah.gov](https://energy.utah.gov)

# Solving Utah Air Quality Issues:

BE PART OF THE SOLUTION

DATE: APRIL 7 OR MAY 12, 2021  
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](http://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?*

# Face-to-face Endorsement Summer 2021

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



Physics 1 & 2



Astronomy



Chemistry 1



Advanced Phys

REGISTER AT  
[UTSTA.ORG](http://UTSTA.ORG)



Physical Geology



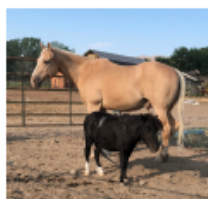
Science Methods



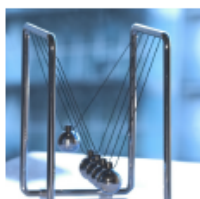
ALL SCIENCE TEACHERS SEEKING ENDORSEMENTS. The courses start dates vary. Go to [utsta.org](http://utsta.org) to learn more. Content learning, Discussion, Classroom Application, and a weekly wrap-up assignment. Total cost is \$500 for UtSTA Members. Contact your District for possible reimbursement of \$500.00.

# Online-Endorsement Courses Starts May 6, 2021. Register Now

Register @ [utsta.org](http://utsta.org) Endorsment tab



Genetics



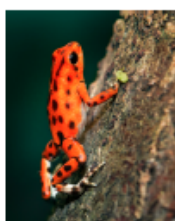
Modern Physics



Chemistry 2



Ecology



Biology



Earth Systems



Lab Safety



Biochemistry



Geology

ALL SCIENCE TEACHERS SEEKING ENDORSEMENTS. THE COURSES START ON MAY 6TH 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 POSSIBLE REIMBURSEMENT OF \$500.00.

# Girls Going Tech



**Micron has an online workshop for 8th grade girls** coming up on **Monday, May 3<sup>rd</sup> 10am-1:15pm Mountain Time**. This is an interactive workshop with the purpose to share information about STEM studies and careers. The 3+ hours includes hands on STEM activities and discussions with women in STEM careers. Materials will be sent to students ahead of time, so registration will close around 2 weeks prior to the workshop date, around April 20<sup>th</sup>. These types of educational activities are supported by schools and students may be excused from class with an email from Micron Foundation.

Micron's Girls Going Tech workshops are engaging, informal and fun events. The career presentations are provided by women that work in technical fields at Micron. The activities are led by Micron employees from a variety of backgrounds. Students that identify as female with ALL levels of interest in STEM are encouraged to attend.

## [LINK to student REGISTRATION](#)

Please email Cathy Ammirati – [cammirati@micron.com](mailto:cammirati@micron.com) – with questions



# NASA-Funded STEM Opportunity for Teachers in Utah



[Spaceward Bound](#) is a NASA-funded program to train K-12 educators in how to engage their students in activities that will inspire careers in the space sciences by taking teachers into the field with scientists who are working on space-related research in a given location. First instituted by researchers at NASA Ames, today scientists involved in that early project are still organizing Spaceward Bound field expeditions around the world.

Spaceward Bound Utah is a 5-day workshop to be held at the Mars Society's [Mars Desert Research Station](#) (MDRS) outside [Hanksville](#), Utah, where K-12 teachers from Utah will be able to experience what living on the planet Mars might be like in the future. MDRS is a research facility that has been developed to simulate an early research base on the Red Planet.