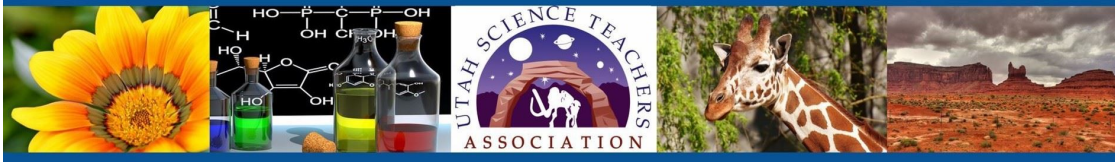


UTSTA NEWSLETTER

UTAH SCIENCE TEACHERS ASSOCIATION



March 2022

Check out the message from President Michelle Ormond [here](#) where she asks "What is Your Motivation?"



Utah Science Teachers Association



FOR IMMEDIATE RELEASE

Utah Science Teachers Association statement on Legislated curriculum oversight in Utah schools

Contact:
Dawn Monson, Executive Director
dmonson@utsta.org
801-755-3241

Utah Science Teachers Association
PO Box 232
Riverton, UT 84065
UtSTA.org

Salt Lake City, UT, Wednesday February 9, 2022 -- During the current legislative session several bills have been introduced that advertise transparency by mandating all instructional and supplemental resources used to deliver or support a student's learning be made available for public approval in advance of their implementation. In addition, these bills lay out precedence for litigation to be brought against LEA's, schools or educators deemed to be out of compliance with transparency requirements. ([See SB 157](#) line 45)

Based on the collective experience of teachers, educational research, and the requirements of our own publicly vetted USBE approved science standards UtSTA stands opposed to any legislation or mandate that limits the ability of educators to dynamically adapt instruction to meet the needs of all students.

We assert that bills like HB 234, SB 114, and SB 157

- Ignore that our own Utah State Science and Engineering Standards (SEEd) were developed and publicly reviewed in conjunction with educators, scientists, parents, administrators, general public, and industry professionals before being vetted and approved by USBE.
- Unnecessarily burden our exhausted teaching force with redundant transparency efforts that already take place through the use of disclosure documents, school websites, stakeholder feedback, email, state approved and publicly available standards, posted lessons, resources and supplemental materials on learning management systems, etc.
- Create unnecessary conflict between educators and parents. Students learn best when stakeholders work together. These bills interfere with this vital collaboration.
- Undermine the credibility and ability of our educated, licensed, and endorsed professionals to make sound instructional decisions that support all students for fear of retribution.
- Misrepresent teaching as only a collection of deliverables, rather than guided responses to student questions and ideas demonstrated by research.
- Undermine the nuances and depths of student learning that occur when teachers have the ability to engage students in authentic, relevant, and professional investigative experiences that lead to unique **unscripted** learning and teaching moments.

UtSTA asks the Utah legislative bodies to cease these punitive and litigious efforts to micromanage professionally certified teachers. We ask stakeholders to join with us in support of Utah teachers across content areas and age levels so that we can continue to prepare all students for the future.

The Executive Director, Dawn Monson, is available for interviews for further information this statement
 Contact: Dawn Monson, Executive Director
dmonson@utsta.org
 801-755-3241



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.](#)

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

Board member positions open

Region 1, 4, 7, High School Representative & Middle School Representative. Apply/nominate [Here](#).

see science in action on campus. [Click Here to register](#)

Meet the Scientist

Spend a virtual hour with a Scientist
March 3 with [Bonnie Andersen](#)
April 14 with [John Taylor](#)



NEED A LITTLE HEP 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 ORMOND
Join UtSTA for an

RURAL TEACHER GRANT

UTSTA FALL CONFERENCE
TEACHING SCIENCE IN THE
MULTIVERSE

October 7, 2022 in Provo
Register @

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





UTAH GOVERNOR'S OFFICE OF
ENERGY DEVELOPMENT

SECONDARY TEACHERS!

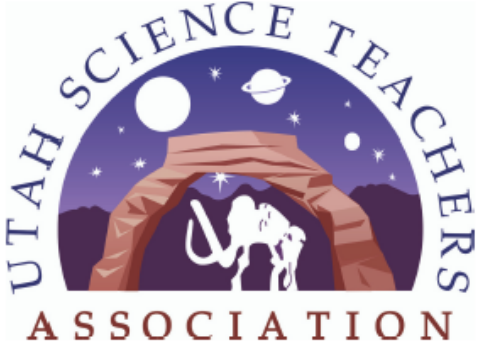
ENERGY IN THE CLASSROOM

March 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>



Sec Lessons:

- Transporting Natural Gas
- Digging into Renewables
- Combustion Process
- Peltier Plates
- Batteries

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

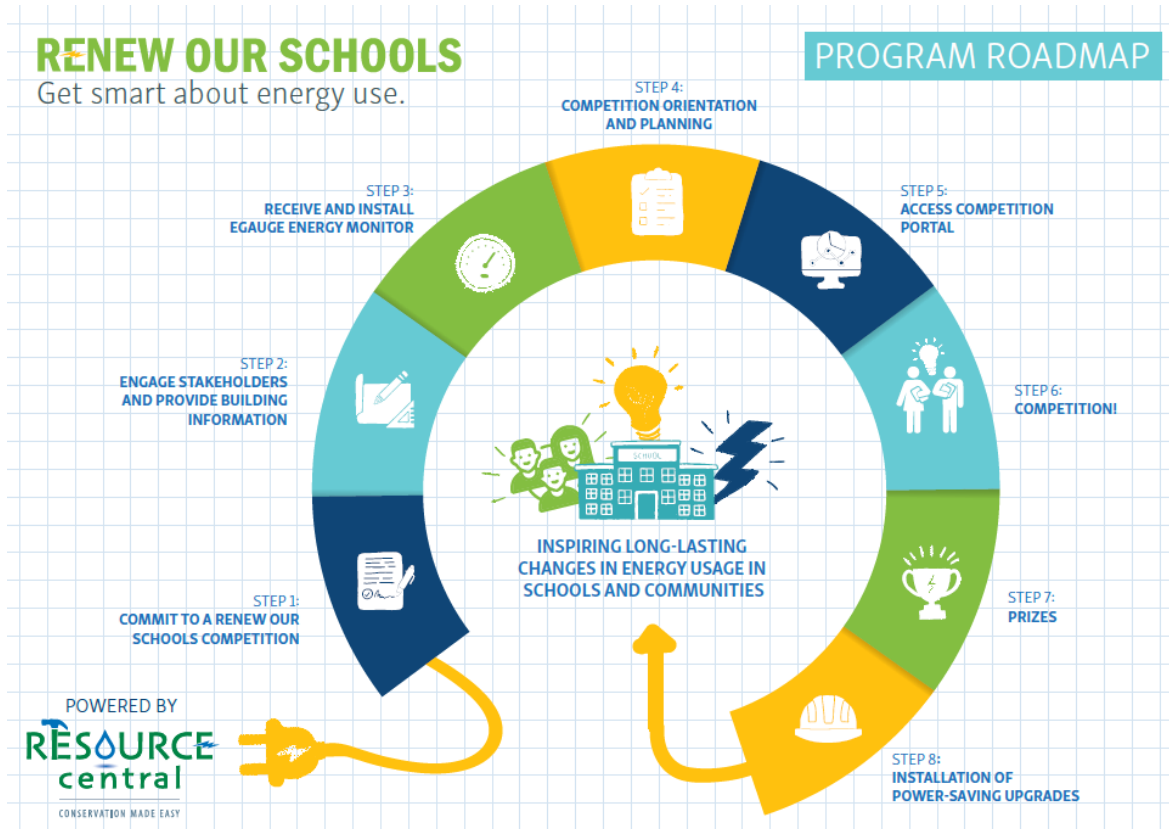


UTAH OFFICE OF
ENERGY DEVELOPMENT

OED's Office of Energy Development (OED) is looking for Utah schools that are interested in participating in the [Renew Our Schools](#) Energy Efficiency Competition. This is a robust competition that gets students and staff excited about energy conservation. Currently, OED is exploring the possibility of a Utah-specific competition, this would include:

- Real-time energy monitors to see the immediate impact of changes
- Support with program implementation, including education and outreach for students
- Engaging STEM-based learning resources
- Real-world energy and cost savings
- Potential prize based on performance

A roadmap of the program's activities is attached. If you would like OED to consider your school for participation in the Renew our Schools energy conservation competition, please provide two contacts from your school that will champion this program in [this survey](#) by March 4, 2022.



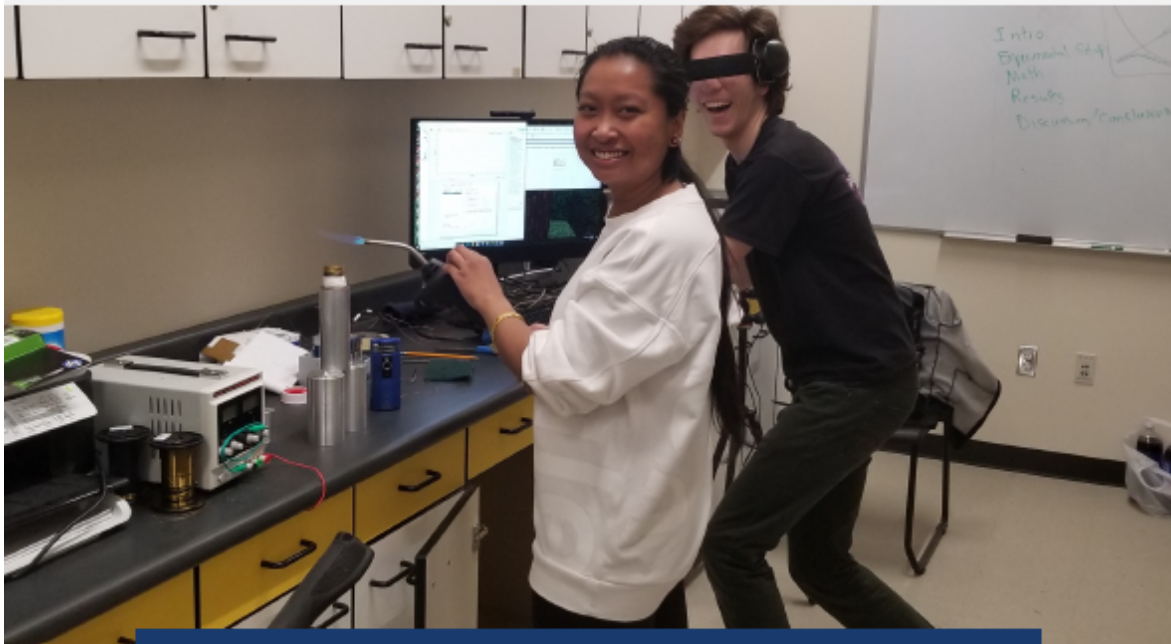
THREE DIMENSIONS OF AUTHENTIC SCIENCE AND SCIENCE LEARNING

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)

Physics, Acoustics & Clarinets

Join UtSTA for a virtual event



MEET THE SCIENTIST

DR. BONNIE ANDERSEN

Acoustics is an interdisciplinary field, from medical ultrasound to musical instruments. I am currently studying thermoacoustic engines and clarinet mode transitions. Teaching in a way to encourage all students to feel welcome and that they are capable of doing well in STEM is essential to make STEM fields more accessible to underrepresented populations. I will highlight some of the challenges these students and some ways to address these challenges.

FREE REGISTRATION FOR MEMBERS

MARCH 3RD AT 4:30

FOR MEMBERS

Register at
<https://utsta.org/event-4668714>

Drawing for Three \$20 Amazon Gift
Cards for attendees

\$30 NONMEMBERS

Virtual Event - 1 hour

More info at utsta.org

Zoom link will be emailed 3.3.2022

1 relicensure point for attendance

Happy Accidents in Science: Discovery of Undocumented Bat Species in Zion National Park

Join UtSTA for a virtual event



MEET THE SCIENTIST

DR. JOHN TAYLOR

Dr. Taylor will take you through research conducted in Zion National Park, what the project was like and the happy accident that led to the discovery of a previously undetected species of bat.

**FREE REGISTRATION
FOR MEMBERS**

Register at
<https://utsta.org/event-4668718>

APRIL 14TH @ 4:30

Virtual Event - 1 hour

More info at utsta.org

Drawing for THREE \$20 Amazon
Gift Cards for attendees

\$30 NONMEMBERS

More info at utsta.org

Zoom link will be emailed 4/13/2022

1 relicensure point for attendance



UtSTA Congratulates

Jennifer Carver-Hunter

*Presidential Awards for Excellence in
Mathematics and Science Teaching
Elementary Science Teacher*

Jennifer will receive:

- A certificate signed by the President of the United States.
- A paid trip to Washington, D.C., to attend a series of recognition events and professional development opportunities.
- A \$10,000 award from the National Science Foundation.
- An opportunity to build lasting partnerships with colleagues across the nation.



University of Utah
Physics & Astronomy
Program

Our new and updated curriculum is streamlined and straightforward, includes exciting emphases and flexible electives, and students can start in College Algebra and finish in 4 years. Students will get great preparation for careers in industry and research!

Emphases:
 New Comprehensive Physics
 Applied Physics
 Astronomy and Astrophysics
 Biomedical Physics
 New Computational Physics
 Physics Teaching

LAUNCHING IN FALL 2022!

Check out our website or
 contact our Academic Advisor
 at uadvising@physics.utah.edu
 for more details!




U Department of
Physics & Astronomy
 COLLEGE OF SCIENCE | THE UNIVERSITY OF UTAH

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.



Thank you to our sponsors!

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Ogden Nature Center
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Boondocks
Minky Couture

Donate to UtSTA with Amazon Smile!

The Amazon Smile logo features the word "amazon" in black and "smile" in orange, with the orange arrow from the Amazon logo pointing from the 'a' to the 'e'.

Want More Science News?

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

Follow Us on Social Media!

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