

# March 2020 Newsletter

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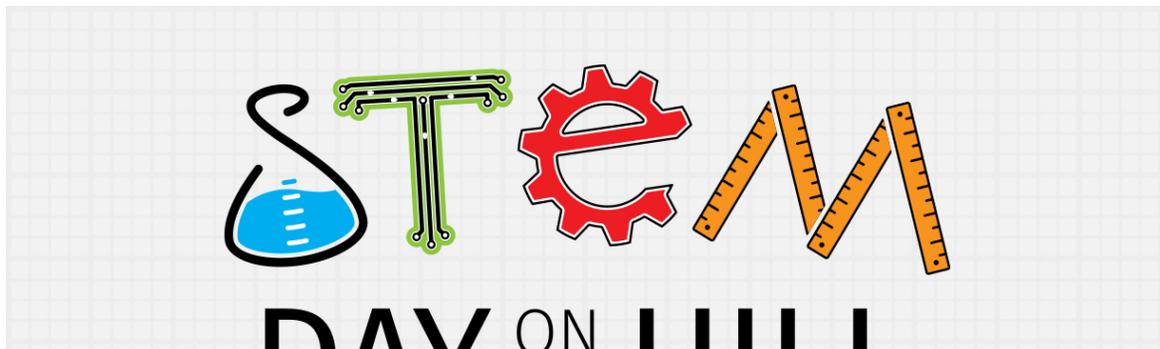
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## STEM News | March 2020

Featured





**DAY THE HILL**

We invite you to join us for  
**STEM Day on the Hill**  
 Capitol Rotunda  
 Friday, March 6, 2020  
 10:00am – 12:00pm

Featuring **STEM Signing Day**  
 sponsored by: 

> [stem.utah.gov](https://stem.utah.gov)



STEM Day on the Hill celebrates STEM in Utah and welcomes parents, students, educators, industry professionals, and legislators to the Utah State Capitol to engage in hands-on activities focused on STEM education and impact.

This year, we will be hosting Utah STEM Signing Day presented by Boeing as a part of STEM Day on the Hill. Just like Signing Day for athletes, Utah STEM Signing Day will celebrate students across the state as they make their commitments to education programs focusing on Science, Technology, Engineering, and Mathematics.

*Date: Friday, March 6, 2020 – 10:00 AM – 12:00 PM*

*Location: Utah State Capitol Rotunda*

For more information visit <https://stem.utah.gov/students/stem-day-on-the-hill/>

## Teacher Opportunities



## Teachers: Win \$1,000 for Technology for Your Classroom

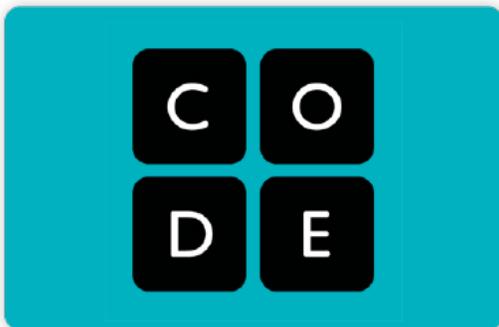
Looking for a new way to make learning engaging for your students? Eligible K-12 teachers may apply to win \$1,000 to use toward the purchase of technology equipment for use in the classroom. (sponsored by [internet.frontier.com](http://internet.frontier.com))

To apply, instructors need to submit a unique lesson plan explaining how they would use technology to teach social responsibility.

Application deadline is May 15, 2020.

### More Information

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Applications are now open for our teacher summer [Code.org](http://Code.org) workshops. Apply today to participate in our 5-day summer professional development CS Discoveries or CS Principles workshop.

Additional information can be found at our application landing page. For additional questions, feel free to contact Jack Markman at [jmarkman@utah.gov](mailto:jmarkman@utah.gov).

### Apply Here

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## National STEM News



### Delaware's STEM Queen Praised by 'Today' Show, Steve Harvey for Community Outreach

When Jacqueline Means started hosting science events two years ago to encourage more young girls of color to embrace STEM, she knew that not all of them were going to respond enthusiastically.

[Read more](#)

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## Entrepreneurship Challenge 2020





## We can <code> it!

The Utah STEM Action Center's nonprofit--the Utah STEM Foundation--is excited to announce the 2nd annual STEM Entrepreneurial Challenge benefitting Girls Who Code (GWC) clubs in Utah. This is a great opportunity for GWC clubs to be awarded grants toward STEM Scholarships, equipment, and programs in associated schools. It also is an opportunity to highlight the efforts of individuals and clubs, expand Girls Who Code clubs statewide, and incentivize girls to continue on in STEM subjects.

This challenge is available to all individuals and clubs involved in the Girls Who Code program. **Projects don't have to be completed to enter!** Awards include scholarships & grants.

[Application, rubric, and guidelines](#) are now open until April 3, 2020.

Award Ceremony will be held on Thursday - April 30, 2020 at Recursion Pharmaceuticals.

Contact Jack Markman at [jmarkman@utah.gov](mailto:jmarkman@utah.gov) for more information.

[2019 Entrepreneurial Challenge Winners](#)

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## STEM in Motion

The STEM in Motion Program is opening registration for our 2020-2021 school year!

Visit our website for more information about our [STEM in Motion Program](#)



2020-2021 School Year  
STEM in Motion Registration

Registration is open for your district on

**March 19th at 9AM\***

to register, please visit:  
[stem.utah.gov/educators/stem-in-motion](http://stem.utah.gov/educators/stem-in-motion)

STEM in Motion (formerly the Utah STEM Bus Program) is a mobile, educational STEM program that provides hands-on, project-based learning for students in grades K-8. Students learn fundamental STEM concepts and put them to work with a variety of projects and activities.

\* STEM in Motion is in high demand. Please try to register as soon as possible for the best chances of reserving a spot.



## Upcoming STEM Events

**Calling all GIRLS grades 6-10:  
Register for EYH!**

**Saturday, March 14, 2020**

7:30 am - 1:30 pm  
SLCC South City Campus  
1575 S State Street

Registration opens  
February 7:

[www.slcc.edu/EYH](http://www.slcc.edu/EYH)



Come for fun,



hands-on activities with local women in science, technology, engineering, and math careers



Questions? Bonnie Ogden 801-957-5037 [bonnie.ogden@slcc.edu](mailto:bonnie.ogden@slcc.edu)  
AA/EO Institution – Rev. 01/01/2020 – contact above for accommodations



### Hi-GEAR (Girls Engineering Abilities Realized) Camp

University of Utah - June 8-12, 2020  
Audience: Female students entering 10-12 grades in Fall 2019  
Registration Deadlines  
Priority Deadline: April 10, 2020  
Application Deadline: May 1, 2020  
[More information](#)



### Exploring Engineering Camp

University of Utah - June 16-18, 2020  
9:00 a.m. – 4:00 p.m. (ends at 3:00 p.m. on the 20th)  
Audience: 9th-12th grade (girls and boys aged 15-18)  
Registration Deadlines  
Priority Deadline: April 10, 2020  
Application Deadline: May 1, 2020  
[More information](#)

**STEM SUMMER DAY CAMP**

WEBER STATE UNIVERSITY - DAVIS CAMPUS



REGISTRATION OPENS FEBRUARY 1ST!

**STEM Summer Day Camps**

In partnership with Weber State University (Davis Location), the YMCA is excited to offer this specialty Summer Day Camp to kids with a focus on STEM (Science, Technology, Engineering, and Math)!

[More information](#)

**USU Summer App Camp**

Are you creative? Do you want to help the community? Join USU's summer camp! Learn how to design apps and meet new friends. Camps are the second two weeks of June 9:30 - 12:30 or 1-4.

[More information](#)

**In The Community****Sumo Bot Competition in Huntington**

Look at the incredible work Nathan Wilson and the schools in the SESC region

are doing with our STEM robotics kits! This photo is from the Sumo Bot Competition in Huntington.

There were 25 teams from Cottonwood Elementary & Canyon View Middle (Emery School District), Pinnacle Academy (Price), Grand Middle (Grand School District), Albert R. Lyman Middle & Monticello High (San Juan School District)



### Utah Teen Creates Prosthetic Hands for Children in Need

An Orem teen is getting national recognition for the work he's doing that's helping people across the country and in his own home.

Joseph Huff was awarded the 4-H Youth in Action STEM Pillar Award for his use of 3D printing.

He's been learning how to design and print using a 3D printer since he was 9 years old.

[Read more](#)



### Cache Valley Students Turn Their Robots on Legislature

Science and Technology are represented as two of the bronze figures displayed in the Rotunda of Utah's State Capitol Building. Wizen Science holds a telescope similar to the one Galileo may have used. His youthful mentee, Technology, sits beside him. At the feet of these two statues, robots operated by kids moved throughout the rotunda Tuesday February 18, hoping to catch a few legislators attention. [Read more](#)





### **Craig Elementary Students Build STEM Skills with VEX IQ Robotics**

With the coming decades likely to see an exponential expansion in the technology industry, finding educational opportunities within the field is key for parents and teachers who want their children to keep pace.

Hence, Craig elementary schools' latest project, which aims to make the experience both entertaining and informative.

Ridgeview Elementary School was the site Saturday for the VEX IQ Robotics Competition between the hosting school and Sandrock Elementary, as well as some visitors.

[Read more](#)



### **Robotics Kids Represent Southern Utah at State Capitol, Gov. Herbert Drives Team's Robot**

A group of young robotics wranglers from Hurricane and St. George represented Southern Utah at the annual "Robots on the Rotunda" event at the state Capitol in Salt Lake City on Tuesday, February 18th.

[Read more](#)

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## Grant Opportunities

### K-12 Math Personalized Learning Software Grant

The K-12 Math Personalized Learning Software Grant provides schools

and districts with access to a selection of math personalized learning software programs to improve student outcomes in mathematics literacy.

For more information, visit our website below or email Clarence Ames: [comes@utah.gov](mailto:comes@utah.gov)

## K-12 Math Software Grant

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## Professional Learning Grant

The Professional Learning Grant program satisfies locally identified STEM-related professional learning needs with activities such as coaching, mentoring, self-reflection, off-contract work, and effective professional learning communities (PLCs). The STEM Action Center also provides professional development to support teachers that are participating in other programs, such as the K-12 Math Personalized Learning program and the CS4Utah Grant program. These efforts connect thousands of teachers to opportunities to create valuable STEM-based curricula and teaching practices.

Professional Learning applications will open after the legislative session is complete. Updates will be available on our [website](#) and in future newsletters.

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Department of Heritage & Arts

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stem@utah.gov

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