

A Moment of Science from ISTA

Idaho Science Teaching Association President's Newsletter

June 2023



A Word (or two) From Your ISTA President!

For some of you, summer break has arrived! For the rest of you, that break is just around the corner! As you pack up your classroom and take some well deserved time with your friends and family, I am sure that your mind will start to wander towards fall and all of the cool new sciency things that you plan to do with your students next school year. Summer time is a great time to recharge and to get inspired. There is a ton of really great summertime PD available for Idaho science educators this summer.

One of those great opportunities comes in the form of our very own ISTA fall conference with the Idaho Council of Teachers of Mathematics and the Idaho Environmental Educators at Borah High School in Boise on August 3rd and 4th!! Registration IS OPEN and this year's conference is going to be on fire. It is time to [get registered](#) for this fantastic professional development! The State Department of Education will be giving away free books to the first 200 people who register and our keynote speaker is none other than Steve Spengler. He will be bringing the energy of science education to the conference main stage and then doing a breakout session that will give you a chance to meet him in person!

I hear that there will be some cool presentations on things like ChatGPT, using data in the science world, and green chemistry plus a ton of other science goodness from expert educators around the state.

Check out this month's newsletter to see what other opportunities might be available to explore some new pedagogy and content knowledge!

Melyssa

Idaho Science Teaching Association &
Idaho Council of Teachers of Mathematics &
Idaho Environmental Educators Association

Time To Travel

**IMAGINE THE PLACES
WE'LL GO
WITH S.T.E.M.**

Come be a part of Idaho's premiere summer professional development opportunity for math and science educators at Borah High School on August 3rd and 4th, 2023!

\$75
PER PERSON
First 200 registrants get a free book about teaching STEM from the State Department of Education

REGISTER NOW

<https://www.idahoscienceteacherswix.org/>

INQUIRY
DISCOVERY
EDUCATION
INSPIRATION



ECYBERMISSION 
ACCEPT THE CHALLENGE U.S. ARMY

**MINI-GRANT APPLICATION
OPEN**

WWW.ECYBERMISSION.COM/MINIGRANTPROGRAM



eCYBERMISSION Mini-Grants

The eCYBERMISSION Mini-Grant application is open! The Mini-Grant program provides funding for teachers and schools to implement eCYBERMISSION. The grant comes in two payments, the first to the school to help cover the cost of project supplies and the second to the Team Advisor (teacher) as a professional stipend. Visit their [website](#) to apply today!



Sawtooth STEM Educator Award (Formerly INDEEDS)

Application for Sawtooth STEM Educator Award is now open!

The Sawtooth STEM Educator Award (formerly INDEEDS) is given to two Idaho educators who create unique opportunities for students to experience the fun and excitement of STEM by integrating real-world experiences and hands-on activities into the classroom.

All public K-12 educator nominations are encouraged. Self-nominations are accepted.

Each recipient receives:

- \$2,000 individual cash prize from Industry awards
- Up to \$2,000 from the Idaho STEM Action Center to attend a national conference related to STEM to advance their professional practices
- The educator's school will receive \$2,000 for STEM initiatives/programs.

Applications are open now and close on August 15th. Nominate your favorite rockstar educator [HERE!](#)



Power Up Summit 2023

Early Bird Registration is now open for our Power Up Summit 2023 on September 20-21 at JUMP, Boise!

The Idaho Out-of-School Network's 10th annual Power Up Summit we will be empowering leaders and program providers to delve in and GROW, building knowledge, practice, awareness, and resources to impact the overall health and quality of ourselves and the programs serving youth. The Summit will host upwards of 300 people in Boise and is Idaho's only conference dedicated solely to professionals working in out-of-school time (before and after school and in summer learning programs). This conference celebrates heroes in the community, connects people serving youth, empowers and energizes us to be creative and work together to meet the needs of families and youth statewide.

[REGISTER NOW](#)



Girls Who Code

Did you know you can access [free computer science programming and resources](#) from our partner Girls Who Code?

Girls Who Code has launched new Clubs initiatives to support our community. [Sign up](#) to take advantage of new benefits like our \$500 Clubs Fund, CSTA standards-aligned coding lessons, scope and sequence resources, and templates for meeting slides and student letters of recommendation. Indicate you're part of Idaho Science Teaching Association on the Clubs application to access additional support, special events, and exclusive opportunities for swag. No coding experience required!



Open to all teachers (grades 3-12) Camp Dates: July 10-14 or July 17-21, 2023 (8:30am - 4:30pm)

Early application deadline: Friday, April 21, 2023
Application will be open until all seats are filled

GenCyber Professional Development for Teachers

This year Boise State again will host two GenCyber Summer Camps for Teachers (grades of 3-12) during the weeks of July 10-14 and July 17-21. Attached you can find the flyer of the camp or you can access the website for more information.

Camp Dates: July 10-14 and July 17-21, 2023

Time: 8:30 a.m.-4:30 p.m

Location: City Center Plaza, Computer Science, Boise State University (in-person camp)

Stipend: \$750, in which \$550 (camp stipend+parking support) + \$100 (1st post-camp activity stipend in Fall 2023) + \$100 (2nd post-camp activity stipend in Spring 2024)

Lodging and Transportation Support: Participants from outside of Boise area will be provided housing, and their traveling (if driving) and parking costs will be covered by up to \$150.

Early application deadline: April 21, 2022.

The application will be open until all seats are filled.

Application: You can apply for the summer camps [HERE](#)

Code.org's Professional Learning Program



Code.org Professional Learning

Help today's students become tomorrow's superheroes! Find your local professional learning workshops for middle and high school and apply today! Engaging workshops are for new and experienced computer science teachers. In these programs, you will explore the curriculum and learning tools, experience the course as a teacher and as a learner, and collaborate with fellow teachers.

Visit Code.org's [professional learning page](#) to learn more and to apply for these awesome PD opportunities!

GET OUT!

Rediscovering the Outdoor Classroom



Registration closes
June 1st

Register Now

2022 Project GREEN Sustainability Summit

2023 Project Green Sustainability Summit

Registration is now open for the 2023 Project Green Sustainability Summit, a conference for teachers held June 7-8 at Riverside Elementary in Boise and the Watershed! Register [HERE](#).

**STEM
FOR
ALL**
Virtual Event

 **3
JUNE**
12:00-4:00PM
Eastern Standard Time

**A NATIONAL CONVENING ON
STEM EDUCATION**

REGISTER AT:
WWW.NNSTOY.ORG

K-12 Educators are invited to join us for an exploration of STEM learning on a new innovative virtual platform from iBreakthrough!

VOYA
FINANCIAL
NNSTOY
TEACHERS LEADING

STEM for All: A National Convening on STEM Education

Join the National Network of State Teachers of the Year's National STEM Fellows for the **virtual event**, STEM for All: A National Convening on STEM Education, sponsored by Voya Financial, on JUNE 3rd, 2023 from 12:00-4:00 p.m. ET.

STEM is more than an acronym for Science, Technology, Engineering, and Math. It is an approach to the world and a mindset grounded in innovation, curiosity, problem-solving, and critical thinking. To effectively accomplish the goal of empowering ALL students to embrace skills that cultivate a STEM mindset needed for success in the future workforce, K12 educators must foster thriving learning environments where ALL students actively engage in growing these abilities. Using the engaging iBreakthrough platform, come spend part of your day with STEM educators from across the country who are excited to inspire the next generation of problem solvers.

The day's full program includes:

- (1) 30-minute keynote presentations
- (9) 45-minute breakout sessions from nationally recognized STEM educators.
- Access to high-quality, relevant STEM instructional materials (used by real educators in their classrooms).
- Attendees will receive a Certificate of Completion upon request.
- An innovative and fun virtual platform from iBreakthrough!

Check out the Full Schedule [HERE](#)

[REGISTER HERE](#)

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