



Hello Science Education Leaders,

Another school year has passed! I hope it ended well for you and hope you have interesting experiences and adventures planned for this summer. Below are the latest science education resources and opportunities I've heard about, and a couple things to consider for next year. If you have announcements to share about science or STEM-related professional learning and resources, please send them my way for the next edition, which will be in August. A record of these emails can be found on my website: [dpi.wi.gov/science/social-media](http://dpi.wi.gov/science/social-media).

Please, forward this email to others! Did someone forward this email to you? Feel free to email me to join the list as well.

Cheers,  
Kevin

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### Learning Opportunities

- [WSST Unconference](#) - Aug 6 and 7
- [Engineering Institute in Oregon, WI](#) - June 25 to 29, new scholarships available

### Resources

- [NOAA Place-Based Education Grant Opportunity](#) - \$25k+, due July 27
- [Phenomena](#) - nice collection of resources on how to use phenomena

### Student Opportunities

- [Science Fairs and State Science Endeavor](#) - throughout next year
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## Details

### Learning Opportunities

- WSST Unconference - Aug 6 and 7

<http://www.wsst.org/unconference> - This summer is the first annual "UnConference" in the Northwoods at the [Lake of the Torches Casino and Resort](#) in Lac du Flambeau! This conference is not your typical conference, no prepared sessions or workshops, only sessions based on the needs of the attendees, edCamp style. Come to share and gain knowledge in

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areas that you need help in before the start of the 2018-19 school year, such as lots of sharing around implementing the new standards! Registration is only \$25 for members, and \$50 for non-members (which includes a one year membership).

- Engineering Institute in Oregon, WI - June 25 to 29, new scholarships available

[https://drive.google.com/file/d/1\\_PCaKgKjxAI5F0bUtoCX57xHBy-GB9RN/view?usp=sharing](https://drive.google.com/file/d/1_PCaKgKjxAI5F0bUtoCX57xHBy-GB9RN/view?usp=sharing) - Building on work from the Knowles Foundation, this week-long engineering institute at Oregon High School will help participants integrate engineering into their courses, as detailed in the NGSS/WSS. There are now two \$500 scholarships available from Findorff to defray the \$1000 cost. Ideally, Findorff would like the \$1000 to be used to send two teachers from the same school (in an area that they have a presence in) to the workshop, with the school or district kicking in the remaining \$1000 of the registration cost. Here is a link to a flyer with more information about the institute - <https://drive.google.com/file/d/17fFWzqCxUeW-2e8chkJDo4f1x4DLInf/view?usp=sharing>. If you are interested, just contact [Katey Shirey](#) the program director, and she will walk you through the application and registration process

## Resources

- NOAA Place-Based Education Grant Opportunity - \$25k+, due July 27

NOAA's Office of National Marine Sanctuaries (Great Lakes Region) is seeking proposals under the Great Lakes Bay Watershed Education and Training (B-WET) Program. Great Lakes B-WET supports programs that provide placed-based, hands-on environmental education about issues affecting the Great Lakes watershed for students and related professional development for educators. Successful projects provide Meaningful Watershed Educational Experiences ([MWEE](#)). For details on the FY19 Great Lakes B-WET grant competition, please go to [www.thunderbay.noaa.gov/B-WET](http://www.thunderbay.noaa.gov/B-WET) or link directly to the full Federal Funding Opportunity Announcement at: <http://www.grants.gov/web/grants/search-grants.html>

- Phenomena - nice collection of resources on how to use phenomena

<https://www.ngssphenomena.com/how-to-use-phenomena/> - for instruction with the NGSS and the new Wisconsin Standards for Science, students should be making sense of phenomena and solving meaningful problems. This list of resources shares many ideas on how to use phenomena well in your classroom (and what it means to do so).

## Student Opportunities

- Science Fairs and State Science Endeavor

<https://dpi.wi.gov/science/science-fairs> - Engaging students in in-depth, inquiry-based science is a key part of the new science standards. They should have the opportunity to investigate ideas that connect to them personally and share their learning with others. This work doesn't have to be a large-scale science fair -- there are many ways to make this sharing of learning more formal, as noted on this new resource website. Stay tuned - we're also going to have a statewide science endeavor in the fall, creating an experience for teachers and students to share and discuss across the state!

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