



Hello Science Educators and Colleagues,

I hope enjoying you're doing well in this unusual "winter." In case you or others you know aren't doing as well as we'd hope, here are [some care resources](#) that might be useful.

Please, let me know if I can help with some resources, a facilitated in-person discussion, or a virtual connection. I continue to have leaders ask how much my support costs - it's free. :)

If you're a MJS subscriber, [check out this great article](#) on Glen Hills educator Lalitha Murali - awesome work that she's leading! Speaking of amazing educators, [check out this interview](#) with Teacher of the Year, Brian Collins, who teaches science at Unity HS.

Below are a few science education resources I've heard about. If you have announcements to share about science or STEM-related professional learning and resources, please send them my way for the next edition. A record of these emails can be found on my website: dpi.wi.gov/science/social-media.

Cheers,
Kevin

Learning Opportunities

- [WSST Conference](#) - April 18-20 in La Crosse
- [Learning about Solar Energy](#) - Free - Virtual and this summer in Madison
- [Summer Research Opportunity for Milwaukee Area Teachers](#)
- [Environmental Ed Learning](#) – WCEE, KEEP, and LEAF happenings
- [Support ACT Standard Setting for Wisconsin](#) - apply by May, happens July 10-11
- [Shipboard Research Experience on the Lake Guardian](#) - July 7-13 (free) - due today
- [Leopold Week w/ Webinars](#) - March 1st-8th

Resources

- [Remake Learning Days Badgerland](#) - April 20-28 - Host a Community Event!
- [LabXChange](#) - Virtual Science Labs and Simulations - Free

Student Opportunities

- [Nominate a student for National Youth Science Camp ASAP](#) - Student
-

application deadline is Feb 29

Details

Learning Opportunities

- WSST Conference - April 18-20 in La Crosse

<https://www.wsst.org/2024-conference> - I'm looking forward to the WSST conference this year and hope to see you there! Registration is now open. There are lots of valuable sessions and workshops planned for educators of all levels and subjects. Tim Sprain, Marcia Gardner, and the conference committee have done an amazing job putting the program together.

- Learning about Solar Energy - Free - Virtual and this summer in Madison

The [CREATE Energy Center](#) is offering three FREE workshops to any STEM Educator. The goal of these workshops is to provide STEM Educators with renewable energy lesson plans, classroom equipment, and a unique hands-on learning experience to take back to their students. After completing a workshop, you will be eligible to receive \$1200 of classroom equipment for free!

[STEM Educator Virtual Solar Institute beginning on April 13](#)

[STEM Educator Solar Institute, July 9-11 in Madison](#)

[STEM Educator Advanced Solar Plus Storage, July 23-25 in Madison](#)

CREATE provides hotel lodging, breakfast, lunch, and a \$600 stipend upon completion of the in-person institutes. For questions contact Liz Reinke at Madison College, Ereinke@madisoncollege.edu.

- Summer Research Opportunity for Milwaukee Area Teachers

<https://lternet.edu/authentic-research-experience-for-teachers-lters> - The Authentic Research Experience for Teachers at NSF's Long Term Ecological Research sites (ARET@LTER) project engages middle school and high school teachers in conducting field and laboratory research focused on how environmental stressors affect biodiversity. These [paid research experiences](#) are open to teachers at schools with large populations of students from marginalized groups in the Milwaukee area. Selected teachers spend 2-4 weeks over two summers embedded in active research programs at one of [three LTER research locations](#) spanning diverse critical habitat types.

- Environmental Ed Learning – WCEE, KEEP, and LEAF happenings

[KEEP](#) and [LEAF](#) have a wide range of spring and summer professional learning opportunities! One example is LEAF's [Healthy Forests, Health Waters](#) at Nicolet HS on June 11th to support school forests. The KEEP offerings include a webinar about a grant to help students start an environmental club at their school.

- Support ACT Standard Setting for Wisconsin - apply by May, happens July 10-11

<https://dpi.wi.gov/assessment/act/educator-involvement> - DPI is recruiting Wisconsin educators to establish cut scores for the ACT in Science (as well as math and ELA). These cut scores are independent of ACT's College and Career Readiness Benchmarks and are used for state accountability. The cut scores are used to separate students into four achievement levels. The standard setting will focus on the grade 11 ACT. Ten applicants will be selected for science. We're looking for a diverse group of educators from all over Wisconsin, including multilingual learner and special education educators.

- Shipboard Research Experience on the Lake Guardian - July 7-13 (free) - due today

<https://www.cgll.org/education/professional-learning/r-v-lake-guardian/> - Applications are now open for this amazing shipboard experience on Lake Erie through a partnership with the US EPA and NOAA. You will spend a full week alongside researchers aboard the US EPA R/V Lake Guardian. These shipboard workshops provide educators with a hands-on opportunity to explore microplastics, phytoplankton, benthic organisms, sediment, and other Lake Erie-specific topics while living and working alongside Great Lakes scientists on a vessel conducting critical research. Educators also receive a stipend to support integration of Great Lakes Literacy through experiential learning and stewardship with their learners. Application and recommendation letter due today (Feb 19), though it may be extended.

- Leopold Week w/ Webinars - March 1-8

<https://www.crowdcast.io/c/leopoldweek24> - free registration for a series of webinars on a range of conservation topics, featuring Leopold's land ethic. Some are during the school day, but several are at 4 or 7pm.

Resources

- Remake Learning Days Badgerland - April 20-28 - Host a Community Event!

<https://remakelearningdays.org/badgerland/> - There are a range of events across Wisconsin already posted to bring community members together and think about learning in new ways. This would be a great way to market an existing school event or opportunity to try out a new tradition.

- LabXChange - Virtual Science Labs and Simulations - Free

<https://about.labxchange.org/types/virtual-lab-simulations> - this is an open platform for teaching and learning about science, with a range of resources across content areas. Beyond simulations and virtual labs, there are biotech learning opportunities and profiles of diverse scientists. This a resource created at Harvard through Amgen foundation funding.

Student Opportunities

- Nominate a student for National Youth Science Camp ASAP - Student application
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deadline is Feb 29

<https://airtable.com/appvnMV8HQUKV6jMw/shrYKejLoO8brfJ8d> - This is an all-expense paid summer opportunity for juniors or seniors. They'll spend a few weeks in the mountains of West Virginia learning from scientists and other students from around the country. They'll also travel to Washington, D.C. to encourage effective science and science education policy. We have no applicants yet from Wisconsin, so nominate your amazing students today!

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“Science is not a body of facts, [it] is a method for deciding whether what we choose to believe has a basis in the laws of nature or not.” – Marcia McNutt