



Hello Science Education Leaders,

Below are the latest science education resources and opportunities I've heard about. Please, let me know if you have any questions about the topics in this email or if I can come out and support science work in your district.

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

Announcements

- [Science/STEM Grants from the Wisconsin Space Grant Consortium](#) - **Due Oct 17th**
- [NSTA Area Conference and WSST Session Proposals Being Accepted Now](#)
- [Junior Science and Humanities Symposium](#) - Intent to submit due Oct 17th
- [Science Fairs](#) - Madison and across the state
- [Future Cities Competition](#) - Jan 21st at MSOE

Professional Learning

- [Engaging English Language Learners in Science](#) - Dec 14 and Apr 12
- [Wisconsin Science Festival](#) - Free Teacher Workshops
- [Wisconsin Science Festival](#) - Free Student Field Trips in Madison
- [Wisconsin Science Festival](#) - Cadaver Lab Field Trip at Medical College of WI
- [JOIDES](#) - All expenses paid ocean exploration

Details

Announcements

- Science/STEM Grants from the Wisconsin Space Grant Consortium - **Due Oct 17th**

<https://spacegrant.carthage.edu/funding-programs/k-12/aerospace-outreach/> - for projects with space-related content. That could even be a set of LEGO robots for a new robotics program.

<https://spacegrant.carthage.edu/funding-programs/k-12/special-initiatives/> - for new or ongoing informal education projects with some connection to aerospace/aviation. A partial match is required for both, but that can be your time.

- 2017 NSTA Area Conference in Milwaukee - Call for Session Proposals

<http://www.nsta.org/conferences/sessions/meetingsacceptingabstracts.aspx> - In the 2017-18 there will not be a traditional Wisconsin Society of Science Teachers (WSST) annual conference. Instead on Nov 9-11, 2017, WSST is partnering with NSTA to support the NSTA Area Conference in Milwaukee. Please, consider submitting a proposal to present at this conference - strands include connecting STEM and NGSS, connecting elementary science and literacy, and supporting equity in science. Submissions are also being accepted for this spring's WSST conference - <http://bit.ly/2e6UXtL>.

- Junior Science and Humanities Symposium - Intent to submit due Oct 17th

<http://www.uwlax.edu/conted/jshs/invitation-letter/> - Get your students engaged with in-depth research projects (very NGSS aligned). You must submit an intention to submit a project by Oct 17th, with research papers due at the end of November and the event in Tomahawk in January.

- Science Fairs - state site for other regions: <http://bssef.org/>

<http://capitalsciencefair.org> - The Madison area Capital Science and Engineering Fair (CSEF) is an annual event held at the University of Wisconsin-Madison on the third Saturday of February each year. CSEF 2017 will be held on Saturday, February 18. The deadline for registration is December 15. The winners at CSEF receive prizes and are funded to travel to the 2017 International Science and Engineering Fair (ISEF: <https://student.societyforscience.org/intel-isef>) to be held in Los Angeles, CA, May 14-19.

- Future Cities Competition - Jan 21st at MSOE

<http://futurecity.org/event/wisconsin-regional-competition> - Engage your students with real-world application of engineering concepts at the Future Cities Competition. The registration deadline to have a team there is Oct 31 (but you would really need to start work ASAP).

Opportunities/Resources

- WIDA Support for English Language Learners in Science - Dec 14 and Apr 12

This two-part workshop features Troy Dassler of UW-Madison's WIDA group. Details about the workshop here: <https://www.wida.us/professionaldev/workshops/Standards/ELDscience.aspx> - Registration link not yet available. The workshops will be at the Country Springs Conference Center in Pewaukee. Email me, kevin.anderson@dpi.wi.gov, if you'd like to be sent registration info when it becomes available. Limited to 40 participants.

- Wisconsin Science Festival - Free Teacher Workshops

Sign up for free teacher workshops at the Wisconsin Science Festival on Saturday, October 22nd. <https://warf.wufoo.com/forms/kq4jz771bmv81/>

- Snapshot Wisconsin Workshop for Educators
 - Biotech in Action: From Proteins to Climate Change
 - Making, Playing and Getting Outside with Field Day
-

- One Science, Two Languages: K-12 Bilingual Science Activities
- Evolution Teaching Tools

More info and descriptions can be found at <https://www.wisconsinsciencefest.org/pdf/teacher-workshops.pdf>. Speaking of hidden messages, today is the last day of a Twitter Scavenger Hunt for the Wisconsin Science Festival - check it out at #WiSciFest!

- Wisconsin Science Festival - Free Student Field Trips

Bring your class to a free field trip to the Wisconsin Science Festival at the Discovery Building on the UW-Madison Campus on Oct 20 and Oct 21. Experience the Discovery Expo as well as programs such as the Robot Zoo, the Science Arcade, Big Ideas for Amazing Students, Science Is Fun show, and Fusion Science Theater's "The Explainers". Limited transportation assistance is available, register here: https://www.regpacks.com/reg/templates/build/?g_id=3184561

- Wisconsin Science Festival - Cadaver Lab Field Trip at Medical College of WI

Cadavers as Educators at The Medical College of Wisconsin, on Friday, October 21st, 2016. Sessions at 10am-Noon and 1pm-3pm. Cadavers as Educators maximizes the educational value of body donors (cadavers) as medical students deliver an innovative, hands on curriculum to visiting high school students. We leverage our knowledge of anatomy & physiology to encourage healthy behaviors as well as promote health careers among visiting students. Students will have the opportunity to learn about health behaviors and then see a number of cadavers to better understand the human body and progression of disease. Pre-registration for this event is required. Teachers should email Tim Sobotka (tsobotka@mcw.edu) to register their students.

- JOIDES - All expenses paid ocean expedition

<http://joidesresolution.org/node/453> - The deadline to apply for these ocean expeditions is November 2nd. You'll spend a month or two at sea, so you'll need to consider family needs and long-term sub possibilities (most are not during the summer).
