



Hello Science Education Colleagues,

I hope the school year has ended or is ending well for you and your communities. I know I'm looking forward to some rejuvenation this summer!

Please, let me know if I can help with any of your curriculum/instruction work this summer. I'd be happy to drop by or join a virtual conversation as my schedule allows.

Below are a few resources I've heard about lately. 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 out in August. A record of these emails can be found on my website: dpi.wi.gov/science/social-media.

Cheers,
Kevin

Learning Opportunities

- [DPI Contentious Topics Summer Workshops](#) - July 24, 25
- [STEM/STEAM Educator Workshop](#) - July 26-27, Waupaca
- [Play Make Learn Conference](#) - July 20-21, Madison

Resources

- [Nobel Prize Summit](#) - "Truth, Trust, and Hope" on misinformation in science
 - [ACS Chemistry Education Grants](#) - for Central WI, due Sep 11
 - ["How It's Made in Wisconsin"](#) - community connecting during the WI Science Festival
 - [National Earth Science Teachers Association](#) (NESTA) - consider joining!
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Details

Learning Opportunities

- DPI Contentious Topics Summer Workshops - July 24th Madison, 25th Stevens Point

<https://dpi.wi.gov/cal/digging-into-discourse> - Educators will explore tools to support positive classroom discourse and learning together about contentious topics in science and social

studies, and other subjects. This is a sequence of learning, which starts with a webinar on July 11th by Joe Schmidt, [whose book](#) we'll be using. That webinar and others in the fall will be recorded. The main even will be repeated - July 24 in Madison and July 25 in Stevens Point. Cost is only \$30 and includes the book. Register by July 10 (sooner is better to get all the info). There will also be a recorded webinar from AWSA to support administrators in managing contentious topics, and we'll share that too.

- STEM/STEAM Educator Workshop - July 26-27, Waupaca

bit.ly/WIDPIstem - This workshop is geared toward standalone STEM educators at the elementary and middle school levels whose courses utilize the statewide Information and Technology Literacy & Computer Science Standards. Participants will gain access to a network of other STEM educators in Wisconsin. Emphasis will be placed on curriculum creation and revision for these courses. Whether you're a STEM teacher who is brand new to this emerging role or you've been at it for a few years, this workshop will have something for you! Educators who participate will receive compensation in the form of a stipend.

- Play Make Learn Conference - July 20-21, Madison

<https://web.cvent.com/event/29e04ada-469e-4b9d-9e5c-28e0aed24131/summary> - The Play Make Learn Conference at UW-Madison promotes high-quality learning opportunities for educators, researchers, developers, designers, foundation leaders, policy makers, museum and library professionals, and school leaders who are dedicated to promoting making, gaming, and playful learning. They aim to engage their audience in cutting-edge learning science ideas and experiences; communicate state-of-the-art design, education, and research; demonstrate new and upcoming games and technology; and network to spark new projects in the following themes: playful learning, making, STEAM, arts integration, and computer game-based learning. Cost is \$75 for educators.

Resources

- Nobel Prize Summit - "Truth, Trust, and Hope" on misinformation in science

<https://www.nobelprize.org/events/nobel-prize-summit/2023> - this event took place May 24-26 and recordings and related materials are available at this website. It was fascinating to hear Nobel Laureates, educators, journalists, academics, and other forward thinkers discuss this issue. A key facilitator, Dr. Marcia McNutt, Director of the National Academy of Science, wrote a thoughtful article on this topic - <https://issues.org/trust-science-democracy-misinformation-mcnutt-crow/>. I'd also suggest the CRAAP test - <https://researchguides.ben.edu/source-evaluation> and Stanford evaluating evidence materials for teachers and students - <https://cor.stanford.edu/curriculum/lessons/evaluating-evidence/>.

- ACS Chemistry Education Grants for Central Wisconsin - due Sep 11

https://uwsp.az1.qualtrics.com/jfe/form/SV_6Qi6Z6u6cn3RjGm - These Teaching Enhancement Grant provided by the Central Wisconsin Section of the American Chemical Society are open in Sept and Jan. K-12 educators must complete the proposal form by 5:00pm on Monday, September 11th. Notification of grant support will be made by Friday, September 29th. Grants for materials/activities can be up to \$500. Your school must reside in Adams, Chippewa, Clark, Eau Claire, Juneau, Langlade, Lincoln, Marathon, Oneida, Portage,

Price, Rusk, Taylor, or Wood County. You do not need to be a member of the ACS to qualify for this grant. If you have any questions, contact Katie at kmcgarry@uwsp.edu.

- "How It's Made in Wisconsin" - community connecting during the WI Science Festival

<https://www.wisconsin-science-fest.org/how-its-made-in-wisconsin/> - Wisconsin Science Festival organizers are seeking corporations, organizations, and makers of all sizes to provide a unique "behind-the-scenes" perspective of Wisconsin-made products via facility tours, demonstrations, or open house opportunities for your local communities and school groups as part of the Festival from October 16-22. Please, reach out to your local businesses and organizations to see if they would be interested!

- National Earth Science Teachers Association (NESTA) - consider joining!

www.nestanet.org - NESTA is an all-volunteer group that has supported Earth Science teachers across the nation for over 40 years. We welcome educators who teach Earth and Space Sciences either as a single subject or those who might teach a specific discipline within the umbrella of Earth Sciences. Members receive a quarterly peer-reviewed journal, *The Earth Scientist*, a monthly newsletter, and special *Current Event* emails (storms, earthquakes, etc.) for teachable moments. We partner with NOAA, NASA, and AGI to announce and support special events like the upcoming eclipses, Planet Stewards workshops, and visits to observatories. More information about what NESTA has to offer free of charge to non-members and for membership information on their website.

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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