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May Newsletter

2022 | Volume 3 | Issue 10



**The semester MAY be over, but we still
plan on giving you STEM updates!**

Upcoming Events



Droning On: Central Edition

May 12-14, 2022

Everyone is welcome to attend this 3 day event that will be held at the University of Nebraska Omaha. The link to register for this no cost event is below. In addition to this event, ***Drone Safety Day*** is Saturday, June 18.

Registration



Family Programming - Tornado in a Bottle

May 26, 2022 | 6:00pm- 7:00pm

Join us and learn through Science, Technology, Engineering and Mathematics (STEM) based content by creating a tornado in a bottle. We will learn about the



science behind tornados with our host, **Chief Meteorologist Mark Stitz from KMTV 3 News Now.**

[Register Now](#)

News



NoyceSCIENCE Student Selected for REU Program

Kristen Rodenhausen has been selected into an REU (Research Experience for Undergraduates) program for summer, 2022. Rodenhausen will be spending 10 weeks at North Dakota State University, working with faculty and other student researchers. . .

Read more

www.unomaha.edu



First Inaugural Equity and Inclusion Certificate Cohort Recognized

Congratulations to the faculty and staff who completed a 2 year equity and inclusion certificate. Among those were **Dr. Christina Dando**, **Dr. Paula Jakobovic** and **Nik Stevenson**, whose project, Surveying UNO Diversity in STEM, created a survey to identify the reasons behind why an undergraduate student may elect in or forgo the pursuit of a STEM-related degree.



Cutucache Lab Nabs Top Awards at SigmaXi

Dr. Christine Cutucache has watched two of her students be awarded and recognized into the Sigma Xi STEM research community, a membership she has been a part of herself since winning first place for undergraduate research in science in 2008.

Read more

www.unomaha.edu



Competitive E-games Developed by Dr. Victor Winter for Classroom Use

Triskelion is a single-player competitive game, belonging to the Bricklayer Educational Ecosystem, that combines traditional gameplay with educational content. Gameplay is clan-based and a leaderboard shows the high-scores of members in the player's clan. Teachers can create clans, configure the difficulty of educational content for their clan, challenge other clans to tournaments, and analyze player performance.

Triskelion is in its early release stage and at this time Triskelion's educational content centers exclusively on developing an understanding of symmetry.

[Watch the Video](#)

Sigmon and Schaben Receive Friends of Science Award from Nebraska Academy of Sciences



Congratulations to Julie Sigmon, OSE Director, and Dr. Chris Schaben, Curriculum and Instruction support at OPS, for being honored with the 2022 Friend of Science Award by the Board of the Nebraska Academy of Sciences. Congratulations for this amazing recognition! We greatly appreciate all they are doing to advance STEM education and workforce in our community.

Go to the Omaha STEM Ecosystem [website](#) to learn about all that we are doing to build a stronger STEM community for tomorrow's workforce.

[Read More](#)

Resources and Opportunities

Nebraska GenCyber 5-Day Camp

Nebraska GenCyber Camp (NGC) for middle school students is a free 5-day summer camp for students in the 5th to 8th grades. NGC has a theme of female empowerment and is funded by a federal grant from the National Security Agency and the National Science Foundation.



[Learn more](#)

Effective Grant Applications Workshop: Taking it to the Next Level



This free course will review the principles of good grant writing to produce clear, direct, and compelling proposals. It will focus on understanding the psychology of reviewers and the review process, how to engage readers and facilitate understanding, and how to manage the proposal writing process. Continental breakfast will be provided.

[Learn more](#)

Calling all Future Science Teachers

NoyceSCIENCE applications are now open. Receive \$17,500 per year for two years. Opportunities for all undergraduate levels.



[Learn more](#)

Research Experiences for Teachers - Spots Open this Summer

Participants are needed for the RET program this summer. Participants receive \$5300 stipend for the 6 week program, travel expenses to attend the NSTA conference in Atlanta for next year, and additional funds to purchase supplies for classroom activities. Our projects for this



summer will incorporate nanoscience, physics, chemistry, and/or materials engineering. No prior experience with the content covered is needed.

[Learn more](#)



STEM Community Platform (SCP)

As you all know, career growth is essential for educators and professionals. Professional development includes learning new skills and information to help one grow and succeed personally and professionally. Many organizations offer professional development opportunities to help ensure their knowledge and skills stay relevant. You can find your next professional development opportunity on the STEM Community Platform (SCP). The SCP is an online resource guide of information and area events about STEM. Our community offers hundreds of STEM programs, events, and resources, including programs for professionals and educators.

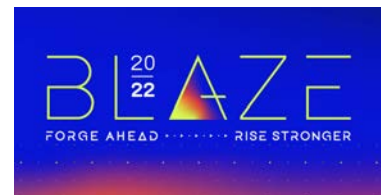
The recent launch of the SCP has allowed community partners to come together to ensure access and equity in education for all students, educators and professionals.

It's easy to upload your information! [Visit the website.](#)

[Go to the Omaha STEM Ecosystem website](#) to learn about all that we are doing to build a stronger STEM community for tomorrow's workforce.

2022 ICAN Women's Leadership Conference

The Omaha STEM Ecosystem has the honor of presenting at the ICAN Women's Leadership conference this year. At this event we would like to feature professional development opportunities. We invite you to be featured, by uploading your professional programs, resources, and training opportunities for professionals to the SCP.



[Learn more](#)

Interested in exploring the STEM TRAIL Center further?

[Visit our website](#)

Consider a Gift, Support an Intern at your Company, or Volunteer!

Interested in donating? Please consider contributions to our UNO STEM TRAIL Center Excellence Fund #01149830 at the Nebraska University Foundation:

Checks can be mailed to:

University of Nebraska Foundation

PO Box 3465

Omaha, NE 68103-0465

reference: 01149830 - UNO STEM TRAIL Center Excellence Fund

Gifts can also be remitted electronically at the link below.

[Donate](#)



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Contact Our Staff



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