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January Newsletter

2021 | Volume 3 | Issue 6



**Welcome back! Are you Yeti for a new semester?
We are! See what we're up to!**

Upcoming Events



High School Physical Science Teacher Virtual Camaraderie Hour

Do you teach high school chemistry, physics, and/or physical science? Or are you a pre-service secondary teacher working on an endorsement in science? Join us from 5-6 PM on the second Wednesday of each month for a virtual camaraderie hour.

RSVP Now:

- [January 12](#)
- [February 9](#)
- [March 9](#)
- [May 11](#)

Teaching Practices Workshop Implementing Peer Instruction in STEM Courses for Student Success

Friday, February 4
11:00am-12pm

[RSVP Here](#)



Teaching Practices Workshop Identity, Authority, and Positioning in STEM Courses

Friday, April 1
11:00am-12pm (*virtual event*)

[RSVP Here](#)

News



Apply to be a STC Fellow for 2022

The STEM Teaching, Research, And Inquiry-based Learning (TRAIL) Center (STC) is looking for three fellows beginning in Fall 2022.

About the Opportunity:

The fellows will be responsible for strategic planning and programming on a proposed topic of teaching innovation in STEM. They will:

- Develop programming based on their strategic vision
- Engage with stakeholders depending on the project requirements

The Fellow role is intended to provide a dedicated leadership opportunity to include strategy, tactics, and operations on a short term (i.e. 2-year) basis.

Fellows would be expected to be involved in multiple meetings per month, including as a central participant in weekly STC staff meetings, and as the leader of biweekly tactical meetings. Stipends are available for up to \$7,500 per year for work completed as a fellow.

Apply by February 11, 2022.

[View or share the flyer](#)

Apply Now



Happy New Year from the Omaha STEM Ecosystem!

In 2022 as we look for STEM influencers, we ask if you could help us to provide high quality programs to Omaha youth. The Omaha STEM Ecosystem, a partner with the STEM TRAIL Center, believes in building a stronger STEM community by connecting education and business development for tomorrow's workforce. To this end, a strong infrastructure and capacity to connect and collaborate is essential. The recent launch of the STEM Community Platform (SCP) has allowed community partners to come together to ensure access and equity in education for all students.

Research has shown that the key influencer for students is often an engagement experience that sparks innovation. The STEM Community Platform speaks to that journey. We invite you to participate as well in that journey, by uploading your programs, resources, and training opportunities for students and teachers to the SCP. With Summer quickly approaching make sure that you get your summer programming posted to the platform so that every student has equal access to STEM resources.

It's easy to upload your information: <https://stemplatform.aiminstitute.org/>

Resources and Opportunities



Volunteer Judges needed for MSEF

The Forty-Third annual Metropolitan Science and Engineering Fair (MSEF) will be returning to an in-person format this year! We are currently recruiting volunteer judges for this year's fair and we are especially hopeful you can assist as a judge! The DEADLINE to SIGN UP is February 3, 2022.

[View the flyer and sign up](#)



2022 Conference on Applied Learning in Higher Education (CALHE)

Missouri Western State University is pleased to host the 2022 Conference on Applied Learning in Higher Education (CALHE). This year's conference will take place April 21-23, 2022 as a hybrid event with participants attending virtually or in person on the Missouri Western campus in St. Joseph, MO. With the backdrop of so much learning occurring through virtual formats over the past 2 years, our theme this year is **PIVOTAL (Pedagogy, Innovation, Vision, Outreach, Technology - Applied Learning)**. We invite papers, posters, presentations, and workshops around these themes as well as other applied learning related topics.

Please visit www.missouriwestern.edu/appliedlearning/calhe/ to access the call for papers, abstract submission, information about the conference, schedule and registration details. Abstract submission deadline is January 15th, 2022. Please pass along this opportunity to peers, colleagues, and students who may also be interested in attending.

If you have questions about CALHE please feel free to reach out to the conference organizing chair, Dr. Jen Botello (jbotello@missouriwestern.edu)



Aim for the Stars - Teachers Needed

Teachers are needed for the 2022 [Aim for the Stars Science and Math summer camp](#). Each camp is a week long (8am-4pm) and teachers will receive \$800 per week.

If you know of someone or are interested in teaching VEX Robotics, Weather, LEGO EV3, possibly Advanced Astronomy, or Powering the Future (Energy Sources), please contact Aim for the Stars Director, Connie O'Brien at unoaimforthestars@unomaha.edu.

Counselors are also needed.

Registration for Aim for the Stars is open! [Register here](#).

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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