Resources, resources, resources!

The theme of this summer at the STEM TRAIL Center is, you guessed it, RESOURCES! We are working hard to bring you programming and materials to help reduce your workload and add innovation in STEM. When you peruse our website, you’ll find these resources organized by target audience. Here are some of our recent examples.

Would you like to share with your middle school class a range of STEM career fields? Or to work through a hands-on science project with your elementary-aged child? Check out our Outreach page.

Are you a teacher looking for classroom resources? Feel free to download our NGSS-matched lesson plans under “Outreach”. Aiming to expand your preparation to teach virtually? Check out the many certificate programs that UNO offers to continue learning, such as the Instructional Technology Certificate.

If you are a researcher and/or graduate assistant looking for resources for your next grant application, we can help! Use our downloadable templates with institution-specific details (e.g. facilities, equipment, data management templates, and more) included under Resources for Faculty. (And, we only included templates that received great scores from agencies for you to use!)

Are you a lifelong STEMmer and wish to stay apprised of the latest happenings in research and teaching? Join us for an upcoming webinar; all are open to the public.

Undergraduates looking for a STEM extracurricular to get involved in at UNO? Check out our searchable database!

We hope that you will join us for a future event. And, we wanted to send a quick “Thanks!” for the terrific attendance that we have enjoyed, even during a pandemic, and during summer months. STEMmers always #STEMOn.
We’re aiming to automate pre-award support for STEM projects! Check out our website for a Research Participant FAQ, draft Consent sheet, and other quick links for IRB help. Working with human subjects, but unsure on whether you are conducting a clinical trial or not? Use this Decision Tool from NIH.

Have you ever been rushing toward a grant deadline wondering which forms will be required and if there are any templates available for these? Sure some sponsors offer BLANK templates, but what are the substantive components that should be included? We now offer template documents for the supporting information that you need for your grant preparation: NSF and NIH styled facilities, data management plans, and more. Click here to go to our faculty resource page.

You can also request a specific form for your project by emailing unostemtrailcenter@unomaha.edu

**Upcoming Event**

**Dr. Tracie Reding** presents *From Meta to Micro: The Breadth of Social Network Analysis and Its Potential Impact in Grants*

Dr. Reding will review the basics of Social Network Analysis (SNA) while providing examples of its application at the Meta-, Meso-, and Micro-analysis levels. She will also review how SNA has been used to enhance recent grant proposals. This talk is geared toward anyone interested in learning a trending and growing research area with implications in multiple disciplines.

**Tuesday, July 21st**

10:00am - 11:00am

*online event through Zoom*

**RSVP here!**

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**Save the Date**

Racial Equity Institute Two Day Phase 1 Workshop

10.19.2020 & 10.20.2020  |  9 am to 5 pm  |  Via Zoom

Nominations (including self nominations) will be requested in August. Stay tuned for link to form.

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**Can’t make it to our July events?**

**Join us every month for programming.**

**SciComm 2020** will be held online on August 14-16, 2020! There will be several featured speakers, including our very own Dr. Christine Cutucache. [Click here for more information and to RSVP.](#)

**Join us in September** for a presentation on resumes and cover letters with Sam Zeitner, Assistant Director of Career Advising at the UNO Academic & Career Development Center. [Click here for more information and to RSVP.](#)

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**UNO STEM TRAIL CENTER & THE CENTER FOR FACULTY EXCELLENCE**

**REI**

racialequityinstitute, llc

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**University of Nebraska at Omaha**

**FACILITIES, EQUIPMENT, AND OTHER RESOURCES**

This project will not fund faculty, equipment, and instruction at the University of Nebraska at Omaha (UNO), or faculty salaries.

**EQUIPMENT at UNO**

UNO’s ability to leverage its organizational capacity to propel additional STEM professionals, including secondary STEM teachers, is a critical component toward research on campus. The implementation of a new faculty team for Undergraduate Scholarly Experience (USE) capturing undergraduate students engaged in research (2015), the creation of new summer community health leadership opportunities in STEM (2016, 2017, 2018), and a new Summer STEM Program (2019) has been highly influential. The expected outcomes of the implementation of a new faculty team for Undergraduate Scholarly Experience (USE) capturing undergraduate students engaged in research is expected to result in a significant increase in the number of students engaged in research and in research careers.

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Do you need a consortium letter of collaboration? **Please complete this request form.**
Calling all Faculty! 📺

We have an opportunity for you to join one of our groups!

Coaching and mentoring for
instruction
Get matched with a coach to improve your teaching in a classroom

Coaching and mentoring for
research expansion
Get connected with a network of research professionals

Interested? Contact unostemtrailcenter@unomaha.edu

Celebrating Creativity in a COVID-19 Culture

The Omaha STEM Ecosystem was excited at the broad level of participation on the June 23rd Virtual Roundtable discussion: Celebrating Creativity in a COVID-19 Culture.

There were 67 community representatives on the call, representing 44 different community organizations. A total of 168 community representatives have signed up to participate in one or more sessions of the round table series. The breakout sessions provided shared ideas, input and feedback within 10 different small groups of 6 or 7 individuals per small group, using a shared Google Document, in conversations mixed across the many organizations.

From that document, Parlay Consulting pulled key themes that resonated with the group such as: Building Equity, Virtual in Education, Returning to In-Person Environments, Maximizing Technology, and The New World - Blended Environment. These themes will be integrated into the Virtual Roundtable Discussion for September 23.

You can visit our website for a video of the report out session: http://www.omahastem.com/roundtables

Registration is now open for the September 23rd Roundtable discussion: ose.unomaha.edu/register
Don’t forget to enter code: OSERT2020
Resources & Opportunities

Need more STEM?
Visit our NEW searchable database for STEM programs here!

STEM Program Certificates

College of Information Science & Technology
Geography - Master’s Degree & Certificate Options
College of Education, Health, and Human Sciences
-Instructional Technology
COEHHS Specialty Graduate Programs

Research and Outreach Programs

Interested in participating in one of our research and outreach programs? Be sure to apply now, orientation will begin in August.

NE STEM application
NoyceSCIENCE application
S-STEM application

Kids’ & Parents’ Corner

Check out our resources for youth, including videos, lesson plans, and webinars!

Consider a Gift 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
Or gifts can be remitted electronically.

Let us know how we can support you: unostemtrailcenter@unomaha.edu

Have an idea for future programming? Interested in contributing your time or talents to the STC? Contact us!

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