



University of New Hampshire  
Office of the Senior Vice Provost for Research,  
Economic Engagement and Outreach



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

February 9, 2022

### ANNOUNCEMENTS

#### **Creating a UNH Process for Selection of Proposers to NSF GEOPATHs**

NSF's Pathways into the Earth, Ocean, Polar and Atmospheric & Geospace Sciences (GEOPATHs) program has been changed to a stand-alone program that accepts proposals anytime. However, an organization may serve as sole submitting organization or as lead organization of a collaborative project on only one submission every 12 months.

To make the selection of UNH applicants predictable, transparent, and fair, Research and Large Center Development plans to conduct one internal competition each year that would be held at a time convenient for our community of likely applicants. Contact Mark Milutinovich if you would like to participate in helping to decide when the internal competition should be held.

### Research Communications Academy

This spring, UNH's fourth annual Research Communications Academy (RCA) hosts a series of virtual workshops to train faculty members, graduate students, and research-related staff to effectively communicate the power and impact of UNH scholarship with a broad audience. See "Upcoming Events," below. Launched in 2019, the RCA is hosted annually by the Office of Research, Economic Engagement and Outreach, NH EPSCoR and the UNH Graduate School.

### Three Minute Thesis Competition

Grad students: Register for the Three-Minute Thesis Competition! The 3MT is a competition where grad students communicate their research and scholarly activity to a general audience in just three minutes. All students who register and qualify will automatically receive a \$100 reward in addition to the prizes for top winners. Learn more.

### Black History Month

UNH honors Black History Month with a range of events on campus and in the community. This year's theme, "Hidden Histories," was chosen by Black student leaders at UNH. Learn more.

### Workshop Resources

Slides and resources from past research development programs are available here. Information from previous UNH Collaborative Research Excellence (CoRE)-funded projects, as well as resources to support collaborative and interdisciplinary research, are here.

## FUNDING OPPORTUNITIES AND RESOURCES

### Join the NARS Data Analysis Innovation Challenge

The Environmental Protection Agency invites students, scientists, and other stakeholders to examine questions using data from the National Aquatic Resource Surveys (NARS) relating to national priorities including climate change, environmental justice, nutrient management, and other water quality challenges. An informational webinar on February 9, 2022 at 3:00 p.m. will be recorded. Details [\\_](#)

### COVID-19 Funding and Research Resources

See [COVID-19 Funding Opportunities, Research Priorities, and Resources](#) and the [Quick Guide - Resources Supporting COVID-19 Research](#).

### Limited Submission Programs to Act on Now

Because some sponsors limit the number of applications from an institution, please contact [Mark Milutinovich](#) as soon as possible if you are interested in applying to any of the following. Be sure to watch for our email at the start of each month for a more comprehensive list or check [current LSP Deadlines](#).

Deadline	Sponsor	Program
Feb. 22	National Science Foundation (NSF)	<a href="#">NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)</a>
Feb. 24	National Institutes of Health	<a href="#">Outstanding New Environmental Scientist (ONES) Award (R01 Clinical Trial Optional)</a> One per school or college
Mar. 1	NSF	<a href="#">Science, Technology, Engineering and Mathematics Education Postdoctoral Research Fellowships (STEM Ed PRF) – Institutional Cohort</a>
Mar. 14	NSF	<a href="#">Cultural Transformation in the Geoscience Community (CTGC)</a>
Mar. 21	U.S. Department of Agriculture (USDA)	<a href="#">Renewable Resource Extension Act National Focus Fund Projects</a>
Mar. 23	NSF	<a href="#">Higher Education Multicultural Scholars Program (MSP)</a>
Mar. 25	NSF	<a href="#">Innovations in Graduate Education (IGE) Program</a>
Apr. 1		<a href="#">Expanding Capacity in Quantum Information Science and Engineering (ExpandQISE)</a>
Apr. 6	USDA	<a href="#">Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program (SPECA)</a>
Apr. 8	USDA	<a href="#">Farm Business Management and Benchmarking (FBMB) Competitive Grants Program</a>
Apr. 12	NSF	<a href="#">EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)</a> Watch for internal competition announcement!
Apr. 29	USDA	<a href="#">Rural Health and Safety Education Competitive Grants Program (RHSE)</a>

## UPCOMING EVENTS

### **Broader Impacts and Partnerships for National Science Foundation (NSF) Projects**

Feb. 18, 2022, 1 – 3 p.m.

Virtual

This session will discuss what NSF expects for broader impacts (BI) activities, introduce tools and resources to develop fresh ideas for innovative and impactful BI activities, and provide advice on how to work best with others to plan and implement those activities. Register [here](#) to attend or express interest.

### **Evaluation and Assessment of NSF Proposal Education and Outreach Activities**

March 4, 2022, 1 – 3 p.m.

Virtual

The basics for planning evaluation and assessment of education and outreach components of NSF proposals will be presented, as well as tips and hints for success. Register [here](#) to attend or express interest.

### **Research Communications Academy: Better Posters with Zen Faulkes**

Friday, March 11, 2022, 12:40 - 2 p.m.

Virtual

Almost anyone who's wandered the poster hall at an academic conference or squinted at complex figures in a presentation has thought it: There has to be a better way. From overly long titles, tiny text and swarms of logos to bad font choices, color schemes and blurry images – it's easy to leave viewers confused by your poster's message. In this session, Zen Faulkes, who's written the [Better Posters](#) blog and [Better Posters](#) book, will share tips on how to create and deliver conference posters that deliver maximum impact for your research. Faulkes, a biologist and instructor at McMaster University, will also review and workshop finished or in-progress posters submitted by Research Communications Academy participants. Register [here](#).

### **Developing a Relationship with NSF Program Officers**

Friday, March 11, 2022, 1– 2:30 p.m.

Virtual

This session will discuss the benefits of developing a relationship with NSF program officers and provide advice for contacting POs and conducting and following up on the conversations that follow. Register [here](#) to attend or indicate interest.

### **Research Communications Academy: Communicating with News Media**

RESCHEDULED

Thursday, March 24, 2022, 12:45 – 1:45 p.m.

Virtual

A panel of veteran news reporters, including [New Hampshire Bulletin](#) senior reporter [Anmarie Timmins](#), join [UNH media relations](#) specialists and experienced interviewee [Alix Contosta](#), research assistant professor in EOS, to discuss

how to make any news interview a positive experience in communicating your scholarship. Register [here](#).

### **Other Proposal Components of NSF Research Proposals**

Friday, March 25, 2022, 1 – 3 p.m.

Virtual

This session will provide an overview of the required content and formats for NSF research proposal components other than the Project Description and provide advice for optimizing their impact. Register [here](#) to attend or express interest.

### **Scientific Misconduct, Replication Failure & Research Ethics in Empirical Inquiry: An Economic Perspective**

Friday, March 25, 2022, 2:10 – 3:30 p.m.

Paul College Room 185

Jim Wible, professor of economics, delivers the [2nd lecture in the annual series Science on the Edge ~ The Grand Challenge of Truth in Science](#). The lecture will take place in conjunction with the department of economics graduate seminar series.

### **Research Communications Academy: Communicating with Policymakers**

Tuesday, March 29, 2022, 2 - 4 p.m.

Virtual

Communicating with policy makers often comes in the form of supporting or opposing a bill by providing testimony to legislators in committee. [PowerPlay's](#) interactive training lab will create a mock legislative committee hearing using actor/improvisors. Participants will be encouraged to ask the characters questions, make suggestions about how to navigate the challenges they're facing, and then rewind the scene and examine in real time how effective those strategies might be. PowerPlay has developed a dynamic, interactive way to confront crucial issues from the comfort and safety of your chair. Moderated by Carsey School director Michael Ettlinger. Register [here](#).

### **Research Communications Academy: Using Social Media for Research Communications**

Thursday, April 7, 2022, 12:40 - 2:00 p.m.

Virtual

Hear from your colleagues about how to use social media to communicate scholarship, connect with collaborators, create a personal learning network and increase the impact of your work. Panel will include UNH scholars who reflect a range of social media activity. Register [here](#).

### **Research Communications Academy: Communicating in Interdisciplinary Teams**

Thursday, April 21, 2022, 12:40 - 2:00 p.m.

Virtual

Register [here](#).

## **GOOD NEWS**

Congratulations to Marian McCord, senior vice provost for research, economic engagement and outreach, who received NH Business Review's 2022 [Outstanding Women in Business Award](#). A [new study](#) led by Ph.D. student

Christopher Sterpka could fundamentally shift the future of lightning research. Reducing carbon emissions now could preserve winter's cold and snow — and the economy and ecology that depend on them — found [several EOS researchers](#) . Researchers Atsushi Matsuoka and Fabian Kisleit have received [National Science Foundation EPSCoR Track 4 grants](#) to understand carbon cycling in the ocean and X-rays in space. James Ramsay, professor of security studies, has been appointed [editor-in-chief of the Journal of Homeland Security and Emergency Management](#). When packing for a move, the manager of UNH's Hodgdon Herbarium found [a treasure trove of documents](#) from its namesake botanist. Read more UNH research news [here](#), and please send research news — high-impact results, new grants, awards, compelling [photos and images](#) and more — to [Beth Potier](#).

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