



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

March 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 a sole submitting organization or as a 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.

### **Apply for UNHInnovation's Virtual I-Corps Program**

Applications are due March 10 (tomorrow!) for the upcoming I-Corps program, which works to bring new innovations developed at UNH to the marketplace faster. Open to faculty, staff, graduate students and undergrads. [Learn more](#).

### **Artificial Intelligence Workshop**

On April 3-4 in downtown Little Rock, Arkansas, NSF EPSCoR will host a workshop that will bring researchers together to discuss current frontier AI research, as well as potential applications and limitations of AI in addressing science challenges from other domains in STEM, statistics, business, art, law, journalism, social science, linguistics, and history. Researchers from any domain who are interested in applications of AI, machine learning, and creative problem solving/problem defining should attend. Registration and more information are [here](#). Request a travel stipend [here](#).

### **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**

### **FY2022 State Water Resources Research Institute Program Grant**

The NH Water Resources Research Center (NH WRRC) is now accepting applications for water resources related projects for FY2022 (anticipated budget year is from September 1, 2022 – August 31, 2023). The federal budget requested (maximum of \$25,000 in total direct costs) must be matched by one non-federal dollar for each federal dollar requested.

Deadline: March 25, 2022. [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](#).

Please note that the NSF EPSCoR Track 4 program issued a new solicitation, which changed the deadline from April 12

to May 12. The internal competition schedule has been adjusted accordingly.

Deadline	Sponsor	Program
March 14	National Science Foundation (NSF)	<a href="#">Cultural Transformation in the Geoscience Community (CTGC)</a>
March 16	Dept. of Energy/Office of Science/Basic Energy Sciences	<a href="#">Chemical and Materials Sciences to Advance Clean Energy Technologies and Low-Carbon Manufacturing</a>
March 22	USDA	<a href="#">Renewable Resource Extension Act National Focus Fund Projects</a>
March 23	NSF	<a href="#">Higher Education Multicultural Scholars Program (MSP)</a>
March 25	NSF	<a href="#">Innovations in Graduate Education (IGE) Program</a>
April 1 Letter of intent	NSF	<a href="#">Expanding Capacity in Quantum Information Science and Engineering (ExpandQISE)</a>
April 5	Nuclear Regulatory Commission	<a href="#">NRC Notice of Funding Opportunity (NOFO), the University Nuclear Leadership Program (formerly the Integrated University Program), Research and Development Grant, FY2022</a>

April 8	USDA	<a href="#">Farm Business Management and Benchmarking (FBMB) Competitive Grants Program</a>
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### Research Development Newsletters

Research Development & Grant Writing News [February 2022](#)

Defense Policy Newsletter [March 1, 2022](#)

## UPCOMING EVENTS

### 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.

### Three Minute Thesis Competition

Tuesday, March 22, 3 – 5 p.m.

MUB Theatre II

In the final round of UNH's [Three-Minute Thesis Competition](#), watch grad students communicate their research and scholarly activity to a general audience in just three minutes. Your participation as an audience member can be a great help to the competitors and will determine who will win the People's Choice Award, worth \$200.

### Research Communications Academy: Communicating with News Media

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

Virtual

A panel of veteran news reporters — [New Hampshire Bulletin](#) senior reporter [Annmarie Timmins](#) and [Hakai Magazine](#) photojournalist [Steve DeNeef](#) — 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: 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](#).

### **Off-Campus Research & Scholarly Activities: Safeguarding Individuals, Teams & Projects**

Thursday, April 7, 2022, 2:10 - 3:30 p.m.

Virtual

Engaging in offsite research and scholarly activities raises many issues related to the safety of individuals, the success of teams and the integrity of the research or scholarship. This workshop presents an intentional approach to prioritizing inclusive, civil, safe and productive climates and experiences for all those involved in such activities. Register [here](#). More information is [here](#).

### **Human Subjects Research Data Management: Staying Current in a Constantly Evolving World**

Wednesday, April 13, 2022, 3:10 - 4:30 p.m.

Virtual

Data are central to many of the evolving ethical, legal and practical issues in human subjects research. It's critical to manage human subjects data, though, to conduct rigorous and robust research. In this workshop, participants will learn about key concepts and the legal and regulatory environment affecting human subjects research data; issues that may arise in the life cycle of a research project; UNH's human subjects research data storage and security requirements and options; and strategies for researchers to keep current with research data challenges. Register [here](#). More information [here](#).

### **Research Communications Academy: Communicating with Policy makers**

Friday, April 15, 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. Register [here](#).

### Focus on Fulbright

Tuesday, April 19, 2022, 12:30 – 2 p.m.

Virtual

This workshop provides an overview of the variety of Fulbright programs and the UNH resources available for applicants. Register [here](#) to attend or express interest.

### Research Communications Academy: Communicating in Interdisciplinary Teams

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

Virtual

Register [here](#).

Teams, including interdisciplinary teams, are important to solving complex problems, and strong communication is an essential component to team success. This workshop focuses on fostering communication among team members. Experts and exercises will help you understand team foundations, explore potential differences a member may bring to the team and facilitate team discussions. Moderated by Maria Emanuel, senior associate of research and large center development and manager of UNH's Collaborative Research Excellence (CoRE) initiative.

## GOOD NEWS

A new instrument designed by Space Science Center researchers to improve weather predictions on Earth and in space [launched](#) last week. David Fredriksson will lead the new [UNH Sustainable Seafood Center](#). Jessica Scheick, a research assistant professor in the Earth Systems Research Center, received a [Geospatial World 2022 Rising Stars Award](#). Research professor of Earth sciences Cameron Wake and associate professor of geography Mary Stampone's comments on the IPCC report ran on [New Hampshire Public Radio](#), and professor of history Ellen Fitzpatrick shared her perspective on the Republican party with [USNews](#). A new study led by associate professor of physics Jiadong Zang has [mapped magnetic fields](#) in three dimensions. István Mikó, the manager of the UNH Collection of Insects and Other Arthropods, contributed to a study that uncovered an [intriguing development in insect evolution](#). Professor of environmental science Bill McDowell and Miguel Leon from the N.H. Water Resources Research Center co-authored a study on the [ecological impacts of tropical cyclones](#). In [a new video](#) from NH Sea Grant, UNH Extension aquaculture and fisheries specialist Gabby Bradt helps a Seacoast entrepreneur bring invasive green crabs to the dinner table. 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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