



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

February 23, 2022

### ANNOUNCEMENTS

#### **External Activity Disclosures and Research Integrity Services Drop-In Zoom Office Hours**

Earlier this month [implementation guidance](#) was issued on National Security Presidential Memorandum 33 (NSPM-33), which directs federal agencies on practices to secure federally funded research (including from foreign interference and misappropriation). The guidance reminds the research community of our responsibility to transparently disclose all relevant activities and information that bear on potential conflicts of interest and commitment, as part of researchers' broad obligations to ensure objectivity, honesty, transparency, fairness, accountability, and stewardship. The federal government also continues to aggressively pursue criminal prosecution of academics for failure to accurately report outside activities (particularly engagements in foreign jurisdictions), with several recent high-profile criminal convictions.

UNH offers resources to help researchers understand their disclosure obligations, and the [Cayuse Outside Interests](#) suite is available for researchers to make their disclosures related to external financial interests and activities based outside the U.S. University and federal sponsor [policies](#) require that researchers with external funding must disclose compensated external activities, particularly involvement with outside entities in which they have a financial interest through salary, consulting fees, honoraria, equity, or intellectual property.

Research Integrity Services continues to offer drop-in Zoom “office hours” to answer questions about using [Cayuse Outside Interests](#) for external activity disclosures, and general research compliance matters. Check the [Cayuse Outside Interests](#) webpage for current information about office hours, including the current Zoom link and up-to-date schedule.

### Spotlight on Research Integrity

Have you ever consulted a reference in a paper and found out that the article was retracted? Do you regularly check to see that the papers you cite have *not* been retracted since the last time you read the paper? It is getting easier to find out whether a paper has been retracted. [Retraction Watch](#) has compiled a database of over 32,000 retracted papers and a reference management software link to the database to provide retraction alerts (e.g., Zotero). In [PubMed](#), you can find retracted articles by doing your topic search and using the Article Type filters to select “Retracted Publication.” Oftentimes there will be a note on the abstract denoting that the article has been retracted.

### 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.

### 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

It’s time for UNH’s Three-Minute Thesis Competition ! Watch as grad students communicate their research and scholarly activity to a general audience in just three minutes.

- **Preliminary Round 1** – Tuesday, Mar. 1, 3-5pm, MUB Theater II
- **Preliminary Round 2** – Wednesday, Mar. 2, 3-5pm, MUB Theater II

- **Final Round** – Tuesday, Mar. 22, 3-5pm, MUB Theater II

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.

### 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](#).

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
Feb. 28	U.S. Department of Agriculture (USDA)	<a href="#">Children, Youth, and Families at Risk (CYFAR)</a> <a href="#">Sustainable Community Projects</a>
Feb. 28 Letter of	U.S. Department of Energy	<a href="#">Scientific Discovery Through Advanced Computing (SciDAC): Partnerships in Nuclear Physics</a>

intent		
March 1	National Science Foundation (NSF)	<a href="#">Science, Technology, Engineering and Mathematics Education Postdoctoral Research Fellowships (STEM Ed PRF) – Institutional Cohort</a>
March 14	NSF	<a href="#">Cultural Transformation in the Geoscience Community (CTGC)</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>
May 12	NSF	<a href="#">EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)</a> Internal competition is underway. Deadline: March 28, 5 pm <a href="#">Details</a>

## UPCOMING EVENTS

### **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.

### **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: 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](#).

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

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

Virtual

A panel of veteran news reporters, including [New Hampshire Bulletin](#) senior reporter [Annmarie 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 Policy makers**

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](#).

### **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](#).

### **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](#).

## GOOD NEWS

NASA has selected UNH to lead a [\\$250 million mission](#) that will improve our understanding of how the sun affects the space environment around Earth; EOS director Harlan Spence is principal investigator. Jeffrey Halpern, associate professor of chemical engineering, is principal investigator on a [\\$6 million NSF EPSCoR grant](#) to develop sensors to promote quality control in biomanufacturing. Research assistant professor Liz Burakowski talked to [National Public Radio](#) and the [New York Times](#) about the impact of climate change on winter sports; [NPR](#) also spoke with sociology professor Ken Johnson about demographic shifts in the U.S. Assistant professor of sociology Jonathan Koltai is getting attention for a recent study that found getting a [COVID-19 vaccine protects against stress](#) as well as illness. Extension has launched a [Master Wellness Volunteer](#) program, providing an opportunity for adults to learn how to influence community change for health. 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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