



University of New Hampshire

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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

January 11, 2023

### ANNOUNCEMENTS

#### White House Seeks Input on Support for the Bioeconomy

Announced in an executive order earlier this year, the National Biotechnology and Biomanufacturing Initiative aims to advance innovative solutions in health, climate change, energy, food security, agriculture and supply chain resilience. The White House is now looking for public input, via a pair of Requests for Information (RFIs), on how advances in biotechnology and biomanufacturing can achieve previously unachievable goals and the steps necessary to create critical components in support of the bioeconomy and, separately, on biotechnology product regulation.

- RFI on Support for the Bioeconomy seeks input on R&D needs, data, biobased product procurement, workforce, biosafety and biosecurity, measurement of the bioeconomy, and international engagement (closes on Jan. 20, 2023)
- RFI on Biotechnology Regulation seeks input on how to improve the clarity and efficiency of biotechnology product regulation (closes on Feb. 3, 2023).

### **National Science Foundation Proposal Changes**

National Science Foundation has issued the revised version of the [NSF Proposal & Award Policies & Procedures Guide \(PAPPG\) \(NSF 23-1\)](#). The new PAPPG will be effective for proposals submitted or due on or after Jan. 30, 2023.

Significant changes include:

- Revisions to incorporate Research.gov as the replacement for FastLane for proposal preparation and submission.
- Revisions to the certification for Responsible and Ethical Conduct of Research (RECR) for proposals submitted on or after July 31, 2023
- Use of Concept Outlines as a submission type and the Program Suitability and Proposal Concept Tool (ProSPCT).
- Requirement for proposers to provide a certification regarding Safe and Inclusive Working Environments for Off-Campus and Off-Site Research.

For additional changes and more information, [click here](#).

### **Human Subjects Protections Board Meetings**

The UNH Institutional Review Board (IRB) for the Protection of Human Subjects in Research's Spring semester 2023 meeting schedule is available [\\_here](#).

### **U.S. Department of Energy: Research Priorities and Funding Opportunities**

Griffin Reinecke, an expert from Lewis-Burke Associates LLC , UNH's federal relations firm, provides an overview of the research landscape at the Department of Energy (DOE) Thursday, Jan. 19, 9:40 - 11 a.m. Complete event information under "Upcoming Events," below, or [here](#).

### **February 2023 Ethical and Responsible Conduct of Research Training**

Registration is open for the February 2023 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of online RCR instructional modules and participation in a seminar Friday, Feb. 17, 2023, 1 - 4 p.m. in MUB Room 162. Participants must register for the training by Thursday, Feb. 9 and must complete the online modules prior to the seminar. Contact [\\_Julie Simpson](#) with questions.

### **Animal Care Committee Meetings**

The UNH Institutional Animal Care and Use Committee's (IACUC) spring semester 2023 meeting schedule is available [here](#) .

### **Workshop Resources**

Slides and resources from past research development programs are available [here](#). Information from previous CoRE-funded projects, as well as resources to support collaborative and interdisciplinary research, are [here](#) .

### **UNH Open Access Publishing Fund**

This fund supports UNH authors who want to make their scholarly work available to all readers immediately upon publication by paying reasonable publication fees required by many open access publication venues, providing up to \$1,000 per publication. Refer to the [guidelines](#) for details and applicant and journal eligibility requirements. Deadline: open until fiscal-year funds are used up. Questions? Contact Eleta Exline, Scholarly Communication Librarian.

## AROUND REEO

*Activities and accolades from across Research, Economic Engagement and Outreach.*

### **Research that Makes a Difference: Access to Nature & Its Community Economic Implications**

UNH Extension will host a webinar on Jan. 19 (11 a.m.) to share findings on the community and economic implications of assessing and improving access to nature. Extension specialists will share research and outreach information as well as a new information brief. A panel of different perspectives on the benefits of nature for economic development, outdoor recreation, water quality, and climate adaptation will respond to the new findings and share opportunities for further work on this important topic. [Click here for more information or to register for the webinar.](#)

### **Fostering Inclusion at Events**

The Office of Outreach and Engagement, Student Accessibility Services and the Office of Community, Equity and Diversity recently completed an online, self-paced module in Canvas to support those looking to foster more inclusion at events. This foundational program will continue to evolve and incorporate other aspects of designing and delivering inclusive events across campus.

## FUNDING OPPORTUNITIES AND RESOURCES

### **UNHInnovation Fund Open for Proposals**

The newly launched UNHInnovation Fund welcomes faculty proposals from all colleges! This fund supports UNH faculty and researchers who are moving UNH-owned IP closer to licensing and/or commercialization. Successful applicants will receive a \$50,000 grant to be expended within a year. The deadline to apply is March 3, 2023 via the UNH Internal Competition Portal. Questions? Join us at an upcoming information session Jan. 18 at 12 p.m. More information is [here](#).

### **Sea Grant Request for Proposals**

NH Sea Grant requests research project proposals for its 2024-2025 funding cycle. Projects should seek to support and align with the NH Sea Grant strategic plan's four focus areas: sustainable Fisheries and Aquaculture, healthy coastal ecosystems, resilient communities and economies, and environmental literacy and workforce development. Proposals may be for one- to two-year projects requesting up to \$100,000 per year plus 50% match required. There will be an RFP information session on February 1, 2023 at 1:30 p.m. following the Sea Grant Research Symposium in Holloway Commons. Pre-proposals due Feb. 10, 2023 by 5 p.m.; full RFP details are [here](#).

### **Limited Submission Programs to Act on Now**

Because some sponsors limit the number of applications from an institution, please contact Michael Thompson 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
Jan. 12 Pre-Application	U.S. Dept. of Energy (DOE)	Research in Basic Plasma Science and Engineering
Jan. 27	National Institutes of Health (NIH)	Collaborative Program Grant for Multidisciplinary Teams (RM1 - Clinical Trial Optional)
Jan. 30	NIH	Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32 - Clinical Trial Not Allowed)
Jan. 30	NIH	Initiative for Maximizing Student Development (IMSD) (T32 - Clinical Trial Not Allowed)
Feb. 1 LOI	National Science Foundation (NSF)	Cultural Transformation in the Geoscience Community (CTGC) - Implementation Projects
Feb. 1	U.S. Dept. of Agriculture/National Institute for Food and Agriculture	Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program (SPECAs)
Feb. 3	NSF	Expanding Capacity in Quantum Information Science and Engineering (ExpandQISE) – <a href="#">Track 2 Proposals</a>
Feb. 9	National Endowment for the Arts	<a href="#">Grants for Arts Projects</a>
Feb. 9	DOE	<a href="#">Distributed Resilient Systems</a>
Feb. 21	NSF	<a href="#">Advanced Computing Systems &amp; Services: Adapting to the Rapid Evolution of Science and Engineering Research - Category 1 Proposals</a>

Feb. 23	NSF	<a href="#">Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining) - CI Professional (CIP) Projects</a>
Feb. 24	NIH	<a href="#">Outstanding New Environmental Scientist (ONES) Award (R01 Clinical Trial Optional)</a>  One per school or college within a university All colleges/schools available at this time
Mar. 25	NSF	<a href="#">Innovations in Graduate Education (IGE) Program</a>
Mar. 27	NSF	<a href="#">Pathways into the Earth, Ocean, Polar and Atmospheric &amp; Geospace Sciences (GEOPATHs)</a>
Mar. 29	NSF	<a href="#">Scholarships in STEM Network (S-STEM-Net) - S-STEM Research Hubs</a>
Apr. 3	NSF	<a href="#">Cultural Transformation in the Geoscience Community (CTGC) – Planning Grants</a>
Apr. 11	NSF	<a href="#">EPSCoR Research Infrastructure Improvement (RII) Track-4: EPSCoR Research Fellows</a>
<p>Watch for internal competition announcement in early February  <b>Potential applicants should contact <a href="#">Michael Thompson</a> ASAP to discuss project plans</b></p>		

### Proposal Editing and Graphics Support

Research and Large Center Development offers editing support for UNH PIs submitting proposals for external funding. We have also added limited graphics support for proposals to our services. Contact [Michael Thompson](#) for more information about either service.

### Research Development Newsletters

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

Defense Policy Newsletter [January 9, 2023](#)

## UPCOMING EVENTS

### Graphic Design/InDesign Training

Tuesday, Jan. 17, 2023, 1 - 2:30 p.m.

Virtual

Join UNH Extension's senior producer and graphic designer Sandra Hickey for a 90-minute session covering basic design principles and an overview of InDesign tools and features. Now that all staff will have access to InDesign (and the Adobe Creative Cloud), we'll be able to work together to create beautiful on-brand designs that convey information clearly and concisely. Participants will leave the session with an understanding of

- Important design principles that can be applied to any project
- Basic design terminology and process including what you need to know for print projects
- UNH brand basics
- A general understanding of the Adobe InDesign interface and the tools you need to get started creating design projects
- Resizing images in Photoshop

Register [here](#) .

### UNHInnovation Fund Information Session

Wednesday, Jan. 18, 2023, 12 p.m.

Virtual

Learn more about the [UNHInnovation Fund](#), which supports UNH faculty and researchers who are moving UNH-owned innovations closer to licensing and/or commercialization. The fund will award successful applicants a grant of \$50,000 to be expended within a year.

### U.S. Department of Energy: Research Priorities and Funding Opportunities

Thursday, Jan. 19, 2023, 9:40 - 11 a.m.

Hamilton Smith 150

Join us as [Griffin Reinecke](#), an expert from [Lewis-Burke Associates LLC](#) , UNH's federal relations firm, provides an overview of the research landscape at the Department of Energy (DOE). He will discuss new directions and priorities at the agency under the Biden administration including recent legislation. He will also talk specifically about a range of new and upcoming funding opportunities at DOE and tips for submitting proposals. Finally, he will highlight best practices for engaging with DOE program managers and agency officials and how to leverage those relationships into future research funding. Open to all UNH researchers. Register [here](#).

### Academic Pathways: Researchers' Career Journeys

Thursday, Jan. 19, 2023, 11 a.m. – 12 p.m.

Morse Hall 301

A panel of UNH researchers — Steve Frolicking, research professor of Earth systems science; Cyndee Gruden, dean of CEPS; Michael Palace, associate professor of Earth sciences; and Mary Schuh, research associate professor of education — discuss their career journeys in research. Organized by the Research Faculty Mentoring Committee with support from the Office of the Senior Vice Provost for Research, Economic Engagement and Outreach.

### Creating Impactful Posters and Presentations

Friday, Jan. 20, 2023, 12:45 - 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 participants. Part of the 2023 [Research Communications Academy](#); open to all. Register [here](#) . To submit a poster or presentation for real-time review during the session, contact [Justine Stadler](#).

### NH Sea Grant Research Symposium

Wednesday, Feb. 1, 2023, 9 a.m. – 2 p.m.

Piscataqua Room, Holloway Commons

Join NH Sea Grant for a morning of presentations from 11 Sea Grant-funded research projects addressing coastal/marine challenges in New Hampshire ecosystems and communities. Lunch (provided) and a poster session will follow the presentations. Location: Piscataqua Rooms, Holloway Commons, UNH Durham. Details and registration are [here](#) .

## GOOD NEWS

Sociologist and COLA dean Michele Dillon shared insights on [Pope Benedict XVI's legacy](#) with Newsweek. The Atlantic turned to research assistant professor Alexandra Contosta to understand [warming winters](#), and New Hampshire Bulletin reported on a [climate change preparedness](#) study from UNH Sustainability Institute fellows. [Time is not absolute](#), assistant professor of physics Chanda Prescod-Weinstein told NPR, and “urban” can mean “rural” now, sociology professor Ken Johnson commented to [various news outlets](#). In an essay, philosophy professor Timm Triplett pondered the [wonder of his existence](#). 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](#).

The University of New Hampshire • Durham, NH 03824  
(603) 862-1234 • TTY Users: 7-1-1 or 800-735-2964 (Relay NH)

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