



University of New Hampshire

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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

July 19, 2023

### ANNOUNCEMENTS

#### UP-2-NIH for 23-24

UNH is currently recruiting the next cohort for the University Program to Support Competitive Applications to the National Institutes of Health (UP-2-NIH) for 2023-24. This UNH program helps faculty at any career level develop the skills necessary to compete successfully for funding by the National Institutes of Health. Since the start of the program in 2012, UP-2-NIH has had 61 participants, the number of UNH applications to NIH each year has more than doubled and the number of awards from NIH has risen steadily.

Slides from a recent information session are [here](#); the recording is [here](#). The workshop schedule, assignments, detailed schedule and other application materials can be found at the [submission portal](#). Applications are due by July 31. Contact [Michael Thompson](#) or [Lynnette Hentges](#) with questions.

#### Survey for Acquisition of New Imaging Instrumentation

The Center of Integrated Biomedical & Bioengineering Research (CIBBR) is entering Phase 2 (2023-2028), which includes funding for new imaging instrumentation to complement the Nikon A1R HD point-scanning confocal microscope and the EVOS-2 cell imager acquired in Phase 1. To optimize institutional investments in imaging technology, CIBBR and the University Instrumentation Center (UIC) are asking investigators who rely

on imaging instrumentation to take this [survey](#) by July 28, 2023. Your responses will provide guidance on the best investment in imaging instrumentation to benefit UNH researchers and external partners. Examples of imaging modalities that can be considered include confocal microscopy (beyond current capabilities, such as extended live cell imaging, super resolution STED microscopy, spinning-disk confocal or two-photon confocal), imaging flow cytometry and non-isotopic optical animal imaging. Let us know your imaging needs by completing the [survey](#).

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

Registration is open for the September 2023 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of online [RCR instructional modules](#) and participation in a seminar on Friday, Sept. 22, 1:10 – 4 p.m. in MUB Room 162. Participants must [register for the training](#) by Thursday, Sept. 14 and must complete the online modules prior to the seminar. Contact [Julie Simpson](#) with questions.

### **Research Integrity Services Summer Drop-In Zoom Office Hours**

Research Integrity Services will continue through the summer to hold drop-in Zoom “office hours” most Tuesdays 9 – 10 a.m., Wednesdays 12 – 1 p.m. and Thursdays 3 – 4 p.m. Stop by with your questions about using [Cayuse Human Ethics](#) for IRB applications, using [Cayuse Outside Interests](#) for external activity disclosures or general research compliance matters. Click the hyperlinks for more information, including any exceptions to the schedule, and the current Zoom link.

### **Chemical Inventory 2023**

The Office of Environmental Health & Safety and chemistry department graduate students are conducting the 2023 campus chemical inventory verification through July 28. Laboratory occupants are encouraged to evaluate their chemicals prior to the inventory start and to schedule a pick-up of unwanted materials. In addition, those with shared lab spaces should label benchtops and chemical storage areas with their names so the inventory of chemicals can be properly assigned. Contact [Karrie Myer](#) (862-1510) with questions.

### **Approved Vendors for UNH Swag**

New budget, new swag? As you head into FY24, now is the perfect time to make sure you’re ordering your branded items from an approved UNH licensed vendor. Any item featuring a UNH trademark must be purchased through one of our licensed partners. Please refer to the [current approved vendor list](#) for the most up-to-date information, or contact [Katie Vogel](#), licensing manager for creative and digital works, with questions.

### **Institutional Review Board (IRB) Meetings**

The UNH Institutional Review Board (IRB) for the Protection of Human Subjects in Research summer 2023 meeting schedule is available [here](#).

### **Animal Care Committee Meetings**

The UNH Institutional Animal Care and Use Committee’s summer 2023 meeting schedule is [here](#).

### **Academic Courses to Advance Research**

#### **INCO 791/GRAD 891 – National Science Foundation Graduate Research Fellowship Preparation**

August 28 – October 20, 2023 (half term)

This course ([undergraduate](#) and [graduate](#)) is designed to enable students to receive information, guidance and support in applying for the National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP).

Students will become familiar with the NSF, its mission and the selection criteria for this fellowship. Through independent work and collaborative exercises, students will strengthen writing skills and develop a strong application. For more information contact [Michael Thompson](#).

### **GRAD 930 — Ethics in Research and Scholarship**

August 29 – December 12, 2023 (full term)

Online

This is an interdisciplinary graduate seminar where students explore a wide range of issues related to the ethical conduct of research and scholarship. This course helps prepare students to conduct themselves as researchers in accordance with today's standards for scientific integrity and professional ethics. Classes are predominantly discussion-based, relying on case analysis; guest speakers address topics from a variety of perspectives. Completion of this course meets the graduate school's incoming PhD student RCR training requirement as well as the NSF's and the USDA National Institute of Food and Agriculture's RCR training requirement. More information [here](#), or contact the instructors, [Julie Simpson](#) or [Maria Emanuel](#).

### **About REEO Update**

REEO Update is a bi-weekly newsletter that informs UNH researchers and scholars (faculty, Extension, graduate students and staff) of news and opportunities to advance their scholarship. Find past issues [here](#). To include a news item, relevant event or other opportunity, contact [Beth Potier](#) by noon on the Friday before [publication](#).

## **AROUND REEO**

Extension professors Andy Fast and Steven Roberge will lead a \$1 million [project on utilizing cross-laminated timber](#) made from local tree species. Funding is from the Northern Border Regional Commission.

## **FUNDING OPPORTUNITIES AND RESOURCES**

### **Northeastern States Research Cooperative 2023 Request for Proposals**

The Northeastern States Research Cooperative (NSRC) has announced the [2023 Request for Proposals](#) (RFP). The RFP aims to put science to work across the Northern Forest in support of a vibrant and thriving economy and culture, rooted in forest health. NSRC seeks proposals that address the state of the forest, measuring and quantifying impacts, developing tools for response and/or rural community and economic development. Letters of intent are due by August 28, 2023. Full proposals will be due September 26, 2023. More details are available [here](#).

### **Nanosensor Technology to Detect, Monitor, and Degrade Pollutants**

The U.S. Environmental Protection Agency (EPA) is seeking applications to develop and demonstrate nanosensor technology with functionalized catalysts that have the potential to detect, monitor and degrade pollutants, specifically Per- and polyfluoroalkyl substances (PFAS) in groundwater or surface water that may be used as drinking water sources. Advances in nanoscience and nanotechnology have the potential to address the challenges of conventional technology for the detection and treatment of PFAS-contaminated waters. Using nanotechnology may help build better environmental sensors by reducing cost, improving efficiency and increasing selectivity, and nanotechnology may degrade PFAS in a way that does not create toxic by-

products. Find the RFA and information on how to apply [here](#). Deadline is October 4, 2023. An informational webinar will be held August 14, 2023, 2:00 – 3:00 p.m. Register [here](#).

*If you are interested in potentially serving on the external scientific peer review panel, rather than applying, send your contact information and a copy of your resume to Julie Wanslow ([Wanslow.Julie@epa.gov](mailto:Wanslow.Julie@epa.gov)).*

### **Dept. of Housing and Urban Development: Unsolicited Proposals for Research Partnerships**

HUD's Policy and Policy Development and Research division has issued a notice regarding the submission of unsolicited research proposals that address its current research priorities. Research should address strategic goals ( support underserved communities, ensure access to and increase the production of affordable housing, promote homeownership, advance sustainable and equitable communities) or the control of lead hazards and other hazards in homes. Suggested research questions are included in the RFA and related information which can be accessed [here](#). Proposals may be submitted at any time until June 30, 2025.

### **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 these](#) , and be sure to watch for our email at the start of each month for a more detailed list.

### **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](#) .

### **Research Development Newsletters**

Research Development & Grant Writing News [July 2023](#)

Defense Policy Newsletter [July 2023](#)

## **GOOD NEWS**

UNH and French company Exail celebrated the opening of the [Maritime Autonomy Innovation Hub](#) at UNH at an event Saturday, July 15. The Crimes against Children Research Center received [\\$1.5 million from the U.S. Department of Justice](#) to study child abuse in youth-serving organizations. The state of N.H. has tapped UNH expertise to [test oysters](#) for Vibrio bacteria. New Hampshire Public Radio reported on [new childcare findings](#) from the Carsey School, and New Hampshire Bulletin shared UNH research on [food insecurity](#) among LGBTQ+ people in New Hampshire. Catch up on the latest research, economic engagement and outreach news in the July issue of [Launch](#). 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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