



University of New Hampshire

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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

December 6, 2023

ANNOUNCEMENTS

NSF Request: Technologies to Enable Observations in Remote-Extreme Environments

The National Science Foundation Directorate for Geosciences seeks broad input to answer the question, “What new technologies would allow transformative advances in accessing data and observations from remote-extreme environments (e.g., polar regions, under the sea and seafloor, deep within the Earth's crust, in the air, etc.)?” Responses to must be received on or before 5:00 p.m. respondent's local time on January 8, 2024. [Details](#)

UNH at AGU

More than 100 UNH faculty, student and staff researchers will present their scholarship at the 2023 American Geophysical Union (AGU) fall meeting in San Francisco next week. If you're among them, plan to visit the UNH booth

(#330) in the exhibit hall and attend an informal gathering Wednesday evening at 5:30. See all the activities and RSVP to the reception [here](#).

New NEH Initiative: Humanities Perspectives on Artificial Intelligence

Under this agency-wide initiative, the National Endowment for the Humanities will support research projects that seek to understand and address the ethical, legal and societal implications of artificial intelligence (AI). NEH is particularly interested in projects that explore the impacts of AI-related technologies on truth, trust and democracy; safety and security; and privacy, civil rights and civil liberties. The initiative will support numerous AI-related humanities projects through a variety of funding opportunities. Read more [here](#).

Did You Know? Guide to Using AI in Research

The UNH Responsible Conduct of Research and Scholarly Activity (RCR) Committee has published a [Simple Guide to Using Generative Artificial Intelligence Writing Tools in Research and Scholarship at UNH](#) to help researchers understand the fundamental issues with these technologies regarding research integrity.

FUNDING OPPORTUNITIES AND RESOURCES

CIBBR Instrumentation Grant Program

The Center of Integrated Biomedical and Bioengineering Research (CIBBR) invites applications from investigators or groups of investigators at UNH to purchase or upgrade specialized instruments or integrated systems. To promote cost effectiveness, encourage optimal sharing among individual investigators, research groups and departments and foster a collaborative multidisciplinary environment, instruments should be integrated into existing core facilities (e.g., UIC, HCGS, CIBBR cores) whenever possible. Preference will be given to instruments that benefit multiple investigators in a well-managed, shared instrumentation environment and include provisions for cost-sharing. Deadline: Jan 22, 2024. Learn more [here](#).

CIBBR Core Service Award Program

The Center of Integrated Biomedical and Bioengineering Research (CIBBR) is offering funding to subsidize access to state-of-the-art instrumentation and associated consulting services. The primary objective is to enable investigators to collect preliminary data in support of peer-reviewed publications and federal grant applications (especially from the NIH). The CSA Program supports CIBBR's growth by encouraging additional scholarship in its thematic areas and developing potential new capacities among our multidisciplinary researchers. Next deadline: Dec 10, 2023. Learn more [here](#).

For other UNH Internal Funding Opportunities, see the list [here](#).

Opportunities in the Research Infrastructure in the NSF Social and Behavioral Sciences Program (RISBS)

In the Social, Behavioral and Economic Sciences directorate, NSF-supported research infrastructure frequently takes the form of collection or assembly of large datasets, software for accessing and processing large datasets and other software and hardware tools that enable and assist in the collection and manipulation of SBE data. NSF has issued a [Dear Colleague Letter](#) to provide more information about sources of support of such infrastructure, including the new [Research Infrastructure in the Social and Behavioral Sciences Program \(RISBS\)](#).

NSF Dear Colleague Letter: Future Proofing Plants to a Changing Climate

This Dear Colleague Letter highlights a new trilateral funding opportunity that will support collaborative research in plant and crop sciences between scientist in Germany, the United Kingdom and the United States. Research themes: From Molecules and Mechanisms to Field Performance and Programmable Plants. Details: [NSF 23-096](#) .

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](#).

Programs for Building Grant-Seeking Skills

The Research and Large Center Development office offers a variety of programs to help researchers and scholars hone their grant-seeking skills, whether they're beginners, experienced or somewhere in between. Explore [workshops by theme](#) to see the types of programs presented. See the [2023 – 2024 schedule](#) for details and registration.

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](#) .

NEW: [NSF Overview, Research Priorities, and Funding Opportunities](#)

Slides and other resources from the recent Lewis-Burke Associates presentation are available on the [RLCD Workshop Resources webpage](#) and include an NSF overview, guidance for contacting program officers, and a research summary template.

Research Development Newsletters

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

Defense Policy Newsletter [November 2023](#)

Proposal Review and Editing Services

Make use of the Research and Large Center Development office's free proposal review and editing services to increase the competitiveness of your grant proposals. A summary of services is available [here](#). Contact [Caitlin Aspinall](#) for more information.

UPCOMING EVENTS

Fall 2023 NSF Virtual Grants Conference

Week of December 4 – 7, 2023

Virtual

The National Science Foundation Grants Conference is designed to give new faculty, researchers and administrators key insights into a wide range of current issues at NSF. NSF staff will provide up-to-date information about policies, procedures and specific funding opportunities and will answer attendee questions. This virtual conference will be broadcast live on Zoom. For those who cannot attend the live conference, all recorded conference sessions will be available on-demand shortly after the event. More info and registration [here](#).

USDA Webinar: The Science of Team Science

Wednesday, Dec. 6

3 – 4 p.m.

Virtual

Working on teams employing transdisciplinary approaches presents many challenges. This webinar will share information about the keys to the success of complex teams and will highlight the role of team function in large-scale projects. More info and registration [here](#).

Seacoast Sips of Science: Power of Persuasion

Thurs., Jan. 25, 2024

5:30 p.m.

Corner Point Brewing Company, Berwick, Maine

Seacoast Sips of Science, a series that brings UNH scientists into Seacoast-area breweries and other venues to share their latest research in a relaxed, interactive environment, explores persuasion and politics at its January event. Hear from UNH professors Michelle Gibbons (communications), Larry Hamilton (sociology) and Dante Scala (political science). Tickets \$5, \$2 for UNH students. Registration and tickets [here](#).

GOOD NEWS

Researchers at UNH's New Hampshire Veterinary Diagnostic Laboratory and Hubbard Center for Genome Studies have [discovered a major clue](#) in respiratory syndrome that has affected hundreds of dogs throughout the country and has thus far confounded veterinarians. Sara Morris is the [new director](#) of Shoals Marine Laboratory. The University Instrumentation Center has launched a [mass spectrometry core](#) with two new instruments funded by USDA and the National Science Foundation. Michael Kukenberger, an associate professor of organizational behavior at Paul College, is leading a research project on [changes in team membership](#) funded by a \$1.07 million grant from the U.S. Army Research Institute for the Behavioral and Social Sciences. Read more UNH research news [here](#), and follow UNH research on social media: [LinkedIn](#) [Instagram](#) [Facebook](#) [Twitter/X](#). Send research news — high-impact results and grants, awards, compelling [photos and images](#) and more — to [Beth Potier](#).

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