



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

September 8, 2021

### ANNOUNCEMENTS

#### Broadening Participation in Research Workshop Series

The Office of Research, Economic Engagement and Outreach and the Graduate School are offering a three-part [Broadening Participation in Research](#) workshop series this fall. The first session, on September 14, 12:40-2:00 pm in Hamilton Smith Hall 150, will discuss why creating a diverse lab is important to furthering your research, the university, and federal funding agencies.

- Overview of literature establishing importance of diversity in research
- Overview of UNH DEI goals
- Overview of Broader Impacts/Broadening Participation goals at NSF and similar programs at other funding agencies

Presenters:

- Nadine Petty, associate vice president for community, equity, and diversity and chief diversity officer, UNH
- Katharine Duderstadt, research scientist, UNH Earth Systems Research Center
- Megan Heitmann, broader impacts coordinator, Iowa State University

Register for the September 14 workshop [here](#).

### OEHS Seeking Interns

The [Office of Environmental Health and Safety](#) (OEHS) is seeking student interns. Interns will gain experience working in and around many types of laboratories, research spaces and other scenarios across campus. They will assist OEHS staff with a wide variety of the health and safety programs including chemical safety, chemical inventory, biosafety, and hazardous waste. If you know of a person who would like to work with our team have them reach out to [Karrie.Myer@unh.edu](mailto:Karrie.Myer@unh.edu).

### Genomics and Bioinformatics Core Service Award Program (CSAP)

CSAP supports research related to experimental genomics conducted in UNH's Hubbard Center for Genome Studies (HCGS). Funded by the [UNH COBRE Center of Integrated Biomedical and Bioengineering Research \(CIBBR\)](#), CSAP will provide \$1,000 to \$5,000 to enable investigators to collect preliminary data in support of publications and grant applications for independent external research funding, especially from the NIH. [Details and application guidelines](#).

### NSF Proposal & Award Policies & Procedure Guide: New version effective October 4, 2021

[Research and Large Center Development](#) has created an updated proposal deconstruction tool that reflects the changes mandated in the new guide ([NSF 22-1](#)). It can be found in the [NSF folder of the RD Digital Library](#). Major changes related to proposal preparation are (1) the Biosketch has been lengthened to 3 pages to allow for full disclosure of all academic, professional, and institutional appointments and (2) the Current and Pending Support format has been modified to include new sections for information on project objectives and overlap with other projects to help NSF and reviewers assess overlap/duplication. Updated fillable PDF formats will be available for download from the NSF [biographical sketch](#) and [current and pending support](#) websites by September 3. Updated SciENCv formats will be available on the SciENCv Create a New Document screen by September 17.

An NSF Proposal and Award Policy Update Webinar providing an overview of significant changes and clarifications to the PAPPG will be presented on Tuesday, September 21 from 2:00 to 3:00 pm. Details and registration: <https://nspolicyoutreach.com/21-pappg/>.

### **FY2022 Weather Program Office Research Programs Funding Opportunity**

NOAA's Weather Program Office (WPO; formerly the Office of Weather and Air Quality) is soliciting proposals for weather, atmospheric composition, and Earth system modeling and observations research reflecting multiple science objectives, including research which spans time scales from hours to seasons, such as weather and water observations, Earth system modeling, fire weather, and social, behavioral, and economic science (NOAA-OAR-WPO-2022-2006969).

There will be six grant competitions:

- Fire Weather & Atmospheric Composition
- Climate Testbed
- Weather Testbeds
- Joint Technology Transfer Initiative
- Subseasonal-to-Seasonal (S2S)
- Verification of the Origins of Rotation in Tornadoes Experiment in the United States

To achieve success with these objectives, selected projects should focus on advancing science and technology from the research stage to transitionable outputs or prototype products that NOAA or external partners could further develop into practical applications and operation.

Key dates:

September 14, 2021: Letters of Intent due (strongly encouraged but not required)

November 17, 2021: Proposals due

Details: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=335428>

### **Young Inventors' Program Success**

The [Leitzel Center's](#) newest program, the [Robert H. Rines Young Inventors' Program](#), capped off a successful 2020-21 year as 43 young inventors in grades K-8 from New Hampshire and Massachusetts competed with over 440 students from across the U.S. at the virtual 2021 [Invention Convention US Nationals](#), hosted by Invention Convention Worldwide and presented by Raytheon Technologies. YIP proudly announced several award winners at the national competition, showing the strength of this longstanding program. One inventor from Bedford was invited to compete at the first-ever [Invention Convention Globals Competition](#), held in July with inventors from countries such as Mexico, Singapore and China.

## October 2021 Ethical and Responsible Conduct of Research Training

Registration is open for the October 2021 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of [online RCR instructional modules](#) and participation in a Zoom seminar Friday, October 1, 2021, 1:00 to 4:00 pm. Participants must [register for the training](#) by Thursday, September 23 and must complete the online modules prior to the seminar. Contact [Julie Simpson](#) with questions. *Incoming Ph.D. students who are required to complete RCR training should not register for this training. They must instead register for the October 8 RCR training for incoming Ph.D. students. Information about that training and registration is available [here](#).*

## Resource for New Research Groups/Teams/Labs

The UNH Responsible Conduct of Research and Scholarly Activity authored a [Simple Guide to Starting a Research Group](#). This guide is intended to help launch a collaborative research group/team/lab that is both successful and mindful of the principles of integrity in research.

## COVID-19 Funding and Research Resources

See [COVID-19 Funding Opportunities, Research Priorities, and Resources](#) and the [Quick Guide - Resources Supporting COVID-19 Research](#).

## Research Development Newsletters

- Research Development & Grant Writing News – [August 2021](#)
- Lewis-Burke's Monthly Defense Policy newsletter – [September 2021](#)
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## Workshop Resources

Did you miss a workshop? Slides and resources from past programs are available on the Research and Large Center Development [website](#) and the Research Communications Academy [website](#).

## 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](#).

Deadline	Sponsor	Program
Sept 28	National Endowment for the Humanities (NEH)	<a href="#">Infrastructure and Capacity Building Challenge Grants</a>
Oct 4	National Science Foundation (NSF)	<a href="#">Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES)</a>

### Research Integrity Services Drop-In Zoom Office Hours Through October

Research Integrity Services will continue to offer drop-in Zoom “office hours” in September and October: Tuesdays 9:00-10:00 am, Wednesdays 12:00-1:00 pm and Thursdays 3:00-4:00 pm. 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 the current Zoom link and up-to-date schedule.

### Institutional Biosafety Committee Meeting Schedule

The Institutional Biosafety Committee meets every other month with meeting dates for 2021 and 2022 published on the [Institutional Biosafety Committee](#) webpage. Please submit protocols by the due date listed for consideration at the next meeting.

### Institutional Review Board Fall 2021 Semester Meeting Schedule

The UNH Institutional Review Board (IRB) for the Protection of Human Subjects has set the [Fall 2021 semester meeting schedule](#) for the review of applications requiring Full Board review. Please contact [Susan Jalbert](#) (603) 862-3536, [Melissa McGee](#) (603) 862-2005, or [Julie Simpson](#) (603) 862-2003 with questions.

### Institutional Animal Care and Use Committee Fall 2021 Semester Meeting Schedule

The UNH Institutional Animal Care and Use Committee (IACUC) has set the [Fall 2021 semester meeting schedule](#) for the review of applications for the use of vertebrate animals in research or instruction. Please contact [Susan Jalbert](#) (603) 862-3536 or [Julie Simpson](#) (603) 862-2003 with questions.

## UPCOMING EVENTS

## Wendy Klemperer: Artist at Sea

Present – October 15, 2021

ArtLAB lecture and reception September 8, 4:00 pm

ArtBreak artist talk September 15, 12:10 pm

UNH Museum of Art

In 2019, Wendy Klemperer joined Jennifer Miksis-Olds, director of the [UNH Center for Acoustics Research and Education](#), for a unique three-week artist residency at sea as part of a project focused on the development of the [Atlantic Deepwater Ecosystem Observatory Network \(ADEON\)](#). Her pencil sketches of the crew members highlight the collaborative nature of scientific research, and her watercolors of the sea and ocean life celebrate the scientific and experiential rewards of conducting environmental research outdoors. [Learn more](#).

## NH BioBlitz

September

Town-owned lands across New Hampshire

During the month of September 2021, UNH Extension needs your help finding and documenting species (plants, animals, insects, fungi) found on town-owned lands all over New Hampshire using iNaturalist. This is a statewide event, and you can participate on town-owned lands right in your own community. [Learn more](#).

## NSF Fall 2021 Virtual Grants Conference

October 4 – 8, 2021

Virtual

The Fall 2021 Virtual Grants Conference is designed to give new faculty, researchers, and administrators key insights into a wide range of current issues at NSF. NSF program officers will be providing up-to-date information about specific funding opportunities and answering attendee questions. Registration will open on Wednesday, September 8 at 12:00 pm. For those who cannot attend the live conference, all recorded conference sessions will be available on-demand shortly after the event.

Details: <https://nspolicyoutreach.com/fall-21-virtual-conf/>

## NSF EHR Townhall — Data Science in Education

October 8, 2021, 10:00 am – 3:45 pm

Virtual

The National Science Foundation's Directorate for Education and Human Resources (EHR) hosts a town hall meeting to stimulate a national conversation on the topic of Data Science in Education. This town hall meeting will explore

data science and its impact across all levels of education from K-12 through higher education, including community colleges, minority serving institutions, and graduate institutions. Find details and the preregistration link [here](#).

## STAFF NEWS

The Association of Northeast Extension Directors (NEED) awarded George Hamilton the first-ever 2021 [Exceptional Local Program Award](#) for his New Hampshire Vegetable & Fruit IPM Scouting Program. Hamilton recently retired from the Hillsborough County Extension office as a fruit and vegetable field specialist.

## GOOD NEWS

UNH Outreach [received a grant](#) from the national Extension Foundation to a public online engagement hub of all UNH outreach offerings. Senator Maggie Hassan and Congressman Chris Pappas [visited the Child Study and Development Center](#) recently to discuss President Biden's Build Back Better Agenda. ECO Magazine featured NH Sea Grant's [efforts to help Hampton Beach](#) manage sea level rise. A new [Carsey School brief](#) from senior demographer Ken Johnson finds that New Hampshire is becoming more diverse. With funding from the N.H. Space Grant Consortium, researchers from UNH's Space Science Center worked with high school students to [develop a new exhibit](#) on the human body in space at the McAuliffe-Shepard Discovery Center. Two new National Science Foundation grants to EOS researchers will support [planning for a changing Arctic](#) and [understanding Earth's radiation belts](#). Read more UNH research news [here](#), and please send research news — high-impact results, new grants, awards, and more — to [Beth Potier](#).

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