



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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

December 15, 2021

Dear Colleagues,

As we wind down yet another not-normal semester and prepare for what I hope is a restful break, I'd like to thank each of you for the incredible work you've done and continue to do. The university's engaged research, scholarship, creativity, and outreach are improving life in New Hampshire and around the world. Our research proposals secured a record-breaking \$260 million in FY21 and contribute to a rich environment for student learning, discovery, and innovation. Your compliance and patience with our COVID protocols keep UNH safe. You all —faculty, staff, students — inspire me every day. I wish you and yours a happy holiday season.

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ANNOUNCEMENTS

February 2022 Ethical and Responsible Conduct of Research Training

Registration is open for the [February 2022 ethical and responsible conduct of research \(RCR\) training](#) . The training involves completion of [online RCR instructional modules](#) and participation in a Zoom seminar Friday, February 11, 2022, 1:00 to 4:00 pm. Participants must [register for the training](#) by Thursday, February 3 and must complete the online modules prior to the seminar. Contact [Julie Simpson](#) with questions.

Biosafety Committee Meeting

The next meeting of the Institutional Biosafety Committee is scheduled for January 20, 2022. Protocols for consideration at the meeting are due January 6, 2022, in Cayuse.

Welcome Thomas Fenton, Lab Safety Manager

Environmental Health and Safety welcomes Thomas Fenton '18G as its campus laboratory safety manager. Fenton completed his Ph.D. in physical chemistry in UNH professor Gonghu Li's research lab and worked in the private sector as a chemist and safety professional.

Workshop Resources

Resources from the Dec. 12 Broadening Participation through Mentoring session about strategies to diversify your lab are here. 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.

Update on Congress Ban on Foreign Talents Programs

Congress has dropped language from a bill governing U.S. defense policy that would have effectively prevented U.S. scientists from participating in Chinese programs aimed at attracting foreign scientific talent, but it's not dead yet. Read more in [Science](#).

Grant and Contract Administrators

Find yours [here](#).

Virtual Commercialization Training

UNHInnovation is hosting another virtual version of the highly successful [UNH I-Corps training](#) . This accelerated three-week program will leverage remote tools to support online learning and collaboration as teams engage in entrepreneurial training to explore the commercial potential of their ideas. Faculty, staff, graduate students and undergraduates are welcome to apply. Pre-work begins Jan. 10 and virtual training sessions begin Feb. 2. Application deadline is Dec. 17. Learn more and apply [here](#) .

COVID-19 Awareness Webinar Series

What is COVID-19? How does it spread? How do the COVID-19 vaccines work? This nine-session webinar aims to give participants knowledge to make them better consumers of health information. Participants who complete the nine sessions successfully receive a certificate and digital badge. [Learn more](#).

FUNDING OPPORTUNITIES AND RESOURCES

NEW! Internal Competition for FY22 State/National Laboratory Partnerships

UNH is allowed to submit three pre-applications for support for scientific collaborations that partner academic, non-profit, or industrial researchers in EPSCoR jurisdictions and research staff at Department of Energy national laboratories. UNH preproposal deadline: January 3, 2022. [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](#).

| Deadline | Sponsor | Program |
|---------------------------------------|-----------------------------------|---|
| UNH internal deadline: Jan. 3, 5 p.m. | U.S. Department of Energy | Building EPSCoR State/National Partnerships UNH internal competition details |
| Jan. 12 | National Science Foundation (NSF) | Partnerships for Innovation-Research Partnerships (PFI-RP) Track |
| Jan. 14 preliminary proposal | NSF | National Artificial Intelligence (AI) Research Institutes |
| Jan. 21 | NSF | Partnerships for Research and Education in Physics |
| Jan. 27 | National Institutes of Health | Collaborative Program Grant for Multidisciplinary Teams (RM1) (Clinical Trial Not Allowed) |

For Graduate Students

Learn more about the [Robert and Patricia Switzer Foundation](#) one-year fellowships for graduate students from diverse academic and personal backgrounds whose studies and career goals are directed toward environmental improvement (application deadline Jan. 10, 2022) and [Ford Foundation fellowships](#) for pre-doctoral students, post-docs, and students in their dissertation year who plan to teach at the college level. The [UNH Fellowships](#)

[Office](#) provides information, counsel and editorial support to highly motivated students (including graduate students) who are applying for national and international fellowships and scholarships.

Research Development Newsletters

Research Development & Grant Writing News – [December 2021](#)

UPCOMING EVENTS

NSF CAREER Program Overview

Friday, January 14, 2022, 1:00 – 2:30 p.m.

Virtual

The UNH CAREER Academy is a program for pre-tenure, tenure-track faculty considering submitting a Faculty Early Career Development Program (CAREER) proposal to the [National Science Foundation \(NSF\)](#). This first session of the Academy will acquaint attendees with the NSF CAREER program, discuss factors to consider when determining if and when to apply, and provide an overview of the semester-long Academy program. Register [here](#) to attend or indicate interest.

Blue Economy Sandpit

Wednesday, January 19, 2022, 1:00 – 4:00 p.m.

Virtual

Foster relationships with blue economy-related industry partners at this event, hosted by UNHInnovation. Learn more and register [here](#).

GOOD NEWS

This week, UNH researchers are leading more than 100 scientific sessions and poster presentations at the hybrid [American Geophysical Union Fall Meeting](#). Professor of civil and environmental engineering Jennifer Jacobs and her former Ph.D. student Eunsang Cho '20G published a study that [models future flooding](#) as snow and rain patterns change. Assistant professor of biological sciences Easton White is lead author on a [study](#) that looked at commercial fishing, legal and illegal, in developing countries. A new graduate research traineeship — the [Convergent Arctic Research Perspectives and Education \(CARPE\)](#) program — will provide training for students on collaborative Arctic research. In a brief for the Federal Reserve Bank of Boston, Carsey School research assistant professor Jess Carson and collaborators propose solutions for [fixing the nation's child care crisis](#). A research project led by associate professor of biological sciences Gregg Moore received [\\$3.1 million from the National Fish and Wildlife Foundation](#) to protect Great Marsh in Massachusetts and New Hampshire. With nearly [\\$200,000 from the National Science Foundation](#), EOS research associate professor Jack Dibb and collaborators will study wintertime air pollution in Alaska. 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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