



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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

May 12, 2021

ANNOUNCEMENTS

Updated Guidance: Resumption of Research

We have updated Phase 5 guidance for the resumption of laboratory, non-laboratory and field research. These replace the guidance that was issued in October 2020. Updates include:

- Submission of a form to resume research or make changes to your research program is no longer required. However, you should obtain permission, in advance, from your unit leader as well as the unit leader overseeing spaces or facilities you plan to use for your research.

- Reduced density in laboratories and other research spaces is still recommended, but the square footage requirements have been removed, and individuals should continue to remain six feet apart. All research work must be conducted in accordance with guidance available on the [Coronavirus website](#), the [resumption of research guidance](#), and the guidance provided by [UNH Environmental Health and Safety](#).
- Boat usage requirements have been updated. University travel requirements, including vehicle occupancy and lodging requirements are unchanged. We anticipate that these requirements will be reviewed in June.

Researchers who can work remotely are encouraged to continue doing so. As always, we must also be prepared for the possibility of suspending research operations in response to a widespread resurgence in infection.

COVID-19 Funding and Research Resources

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

DARPA DSO Day

The Defense Advanced Research Projects Agency (DARPA) Defense Sciences Offices (DSO) will hold its Discover DSO Day (D3) virtually on June 23, 2021 from 11:00 AM to 6:00 PM ET. Registration links and additional information, including the agenda for D3, are available [here](#). Registration is required by June 9, 2021 at 5:00 PM ET.

DSO's mission is to foster innovation and scientific discovery that will address and solve current and future national security challenges. The D3 online event will provide an overview of DARPA and DSO and offer useful information to potential proposers in anticipation of an office-wide broad agency announcement (BAA) planned for release in June 2021.

The anticipated BAA will seek cutting-edge basic or applied research concepts in one or more of the following technical areas:

- Frontiers in Math, Computation & Design
- Limits of Sensing & Sensors
- Complex Social Systems
- Anticipating Surprise

This D3 online event offers an opportunity to interact with DARPA program staff, an essential element to potential proposers' success.

UNH I-Corps Commercialization Training

UNHInnovation is hosting another virtual version of the highly successful UNH I-Corps training. This accelerated 3-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 June 1, and virtual training sessions begin June 16. Application deadline is Friday, May 21, 2021. Learn more and apply [here](#).

Chemical Safety Award Winners

Two chemical engineering students — Ph.D. candidate Zahra Panahi and Seth Drahusz '22 — have won this year's [UNH Chemical Safety Award](#). The award recognizes a graduate student and undergraduate student who have made outstanding contributions to chemical safety at UNH in the past academic year. These contributions help promote a culture of safety within the UNH research and teaching community. Award recipients will receive an award plaque and a \$1000 gift made possible by Measured Air Performance.

I-Trep Biomedical Entrepreneurship Summer Course

Enrollment for the University of Vermont [I-Trep 2021 Biomedical Entrepreneurship Summer Course](#) (June 18-25) is now open. This course will provide the training that biomedical researchers need to bring their innovations from bench to marketplace/bedside through the appropriate commercialization path.

This remote/real-time learning experience is free for selected applicants. Qualified applicants include faculty, postdocs, Ph.D. students, and advanced undergraduates with related experience. Applications must be submitted by May 15, 2021, to tina.thornton@uvm.edu. Applicants can expect a confirmation email.

Using Cayuse IRB/Human Ethics

IRB staff will hold a Cayuse IRB/Human Ethics overview session on Thursday, May 27, 2021, 2:00-3:30 pm via Zoom. Registration is required; please register [here](#). The Zoom link will be emailed to registrants the morning of the session. For more information, please contact IRB staff ([Melissa McGee](#), [Susan Jalbert](#), or [Julie Simpson](#)).

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 |
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| May 27 | National Fish and Wildlife Foundation | Long Island Sound Futures Fund 2021 Request for Proposals |
| May 27 | National Institutes of Health (NIH) | Collaborative Program Grant for Multidisciplinary Teams (RM1) (Clinical Trial Not Allowed) |
| June 16 | National Science Foundation (NSF) | Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support (ACCESS) |
| June 24 | NIH | Enhancing Science, Technology, Engineering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25) |
| July 8 | National Endowment for the Arts (NEA) | Grants for Arts Projects 2, FY 2022 (Previously known as NEA Art Works) |
| July 8 | NSF | Partnerships for Innovation – Research Partnerships (PFI-RP) Track |

2021 Women, Minorities, and Persons with Disabilities in Science and Engineering

The 2021 Women, Minorities, and Persons with Disabilities in Science and Engineering report is now available from the National Center for Science and Engineering Statistics. This biennial report provides detailed information about participation levels of underrepresented groups in science and engineering education and employment. Visit [Women, Minorities, and Persons with Disabilities in Science and Engineering](#) to read the full report and download the data tables.

Workshop Resources

Did you miss a workshop? Below are links to videos and slides of recent sessions.

- April 7, 2021 Tales from the Field: Scholarly Publishing Experiences & Cautions [Video](#)
- April 9, 2021 Support Team for Research Administration (STAR) Town Hall [Video](#)
- April 15, 2021 Research Communications Academy: Using Social Media [Video](#)
- April 22, 2021 Focus on Fulbright [Video Resources](#)

Slides and resources from additional programs are available on the Research and Large Center Development [website](#) and the Research Communications Academy [website](#).

Fall Courses of Interest

INCO 791/GRAD 981 — National Science Foundation (NSF) Graduate Research Fellowship Preparation (GRFP): This Fall 2021 course is designed to enable seniors and graduate students to receive information, guidance, and support in applying for the NSF GRFP. Undergraduate student [registration](#); graduate student [registration](#).

GRAD 930 — Ethics in Research and Scholarship (offered online in fall 2021): 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](#).

GOOD NEWS

This year's [Spark](#) is out, telling the stories of UNH researchers' response to the challenges of the past year. [CCOM-developed software](#) will help a crewless sailboat map the seafloor. Animals have several mechanisms to [adapt to climate change](#), UNH researchers find. A collaboration between UNHInnovation and UNH Extension could boost the region's craft beer and liquor industries with a distinctive "[made in New England](#)" taste and certification to support it. A Leitzel Center citizen science project in local elementary schools is featured in NSF's [STEM for All Video Showcase](#). Congratulations to psychology professor John Mayer, winner of the [Martin Mayman Award from the Society for Personality Assessment](#), and to Jeanne Sowers, professor of political science, who received a fellowship from the [Crown Center at Brandeis](#). The New York Times quotes professor of sociology Ken Johnson about the [falling birthrate in the U.S.](#) Chanda Prescod-Weinstein, assistant professor of physics and core faculty in women's studies, [discusses her new book](#) with CNN. In a [Washington Post op-ed](#), Carsey School professor Daniel Bromberg discusses the complications of police body cameras. Read more UNH research news [here](#). Please send research news — high-impact results, new grants, awards, and more — to [Beth Potier](#).

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