



University of New Hampshire

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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

September 7, 2022

ANNOUNCEMENTS

UNH National Lab Day

This [in-person conference](#), Oct. 27 – 28 at UNH, will bring representatives from multiple [U.S. Department of Energy National Laboratories](#) to UNH to raise awareness about the labs' world-class scientific facilities and resources. It also aims to foster partnerships among researchers at UNH, other New England universities, industry leaders from across the region and the national labs to address society's most pressing energy, environmental, national security and

workforce challenges. Registration opens September 8.

Soliciting Art for Basic Research Art of Science Showcase

To honor its 70 years of innovation and to educate people around the world about the importance of basic research, the Air Force Office of Scientific Research invites you to be part of their inaugural Basic Research Art of Science Showcase (Oct. 7) by submitting your art that is inspired by basic research. AFOSR's goal is that your submission will reveal the beauty behind many of the basic research inspired innovations past, present and future that continue to support the United States Air Force and Space Force.

All are welcome to submit artwork, but it may be of special interest to AFOSR grantees as well as educators, students and members of the art and STEAM (science, technology, engineering, art and math) communities. Learn more and submit [here](#).

Lend Your Voice to the NSF "Science Happens Here" Campaign

NSF is inviting you — our community — to participate in showcasing the amazing science, engineering, innovation, STEM education, cutting-edge research facilities, future workforce and more that is powered by NSF. Instructions for tagging your social media posts, a toolkit with graphics and info about activities including contests, blogs, social happenings and events can be found [here](#).

September 2022 Ethical and Responsible Conduct of Research Training

Registration is open for the September 2022 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of [online RCR instructional modules](#) and participation in a seminar Friday, Sept. 30, 1 to 4 p.m. in MUB Room 162. Participants must [register for the training](#) by Thursday, Sept. 22 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 Oct. 21 RCR training for incoming Ph.D. students. Information about that training and registration is available [here](#).

Grants.gov Unavailable Sept. 23-29

Grants.gov system will be migrated to the cloud to allow for fewer maintenance outages, higher availability and a modern infrastructure to support future system enhancements. The migration will occur between Sept. 23 and 29, 2022. Grants.gov will be unavailable to users during this extended period to allow for a successful transition. [Details](#)

2022 COVID Information Commons Student Paper Challenge — Deadline Sept. 30

The [COVID Information Commons \(CIC\)](#) invites undergraduate and graduate students from higher education institutions around the world to leverage CIC resources and to participate in the [2022 CIC Student Paper Challenge](#). Students will have the opportunity to join the scientific research community addressing the COVID-19 pandemic. Students can brainstorm research projects by exploring theme Challenges related to the CIC's COVID-19 research lightning talk presentations, including [COVID and Data](#), [COVID and Education](#), [COVID and Molecular Biology](#) and [COVID and Society](#).

Students should submit a response to the [Student Call for Participation](#) to receive future communications from the CIC about the Challenge. STEM and healthcare researchers, professors and professionals who are interested in participating in this challenge as mentors or judges should complete the [Mentors and Judges Call for Participation](#).

Animal Care Committee & Human Subjects Protections Board Meetings

The UNH Institutional Animal Care and Use Committee's (IACUC) Fall semester 2022 meeting schedule is available [here](#).

The UNH Institutional Review Board (IRB) for the Protection of Human Subjects in Research's Fall semester 2022 meeting schedule is available [here](#).

Institutional Biological Safety Committee

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

Research Integrity Services Fall Semester Drop-In Zoom Office Hours

Research Integrity Services will continue to offer drop-in Zoom "office hours" through December 2022 (except Aug. 23-26 when there will be no office hours): 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 the current Zoom link.

Workshop Resources

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](#).

AROUND REEO

Activities and accolades from across [Research, Economic Engagement and Outreach](#).

New Hires and Promotions at UNHInnovation

[UNHInnovation](#) experienced a growth spurt this summer. Joining the UNHI team are [Katie Vogel](#), licensing manager for creative and digital works; [Allison Bell](#), marketing, communications and engagement director; [Pam Shore](#), program manager for the ECenter; [Nichole Jones](#), program support assistant for the ECenter; and [Daijon "Dj" Beasley](#), marketing assistant for the ECenter. Additionally, two of our team members received well-deserved promotions: [Nicole Colbath](#) and [Heather Gordon](#) are now business managers for UNHInnovation, supporting the unit at large, and technology transfer and corporate engagement, respectively. Additionally, Heather's role has expanded to a full-time staff position.

FUNDING OPPORTUNITIES AND RESOURCES

Sea Grant Funding for Contaminants of Emerging Concern

New Hampshire Sea Grant, together with the Connecticut and North Carolina Sea Grant programs, has released a request for proposals (RFP) for a regional research competition focused on Contaminants of Emerging Concern

(CECs). CECs include, but are not limited to, personal care and pharmaceutical products, brominated flame retardants, household cleaning products, industrial chemicals (e.g., per- and polyfluoroalkyl substances, nanomaterials and lawn care and agricultural products), which are increasingly detected in groundwater and surface waters including streams, rivers, estuaries and oceans, posing risks to the nation’s drinking waters and aquatic and terrestrial life.

Proposals are encouraged for projects of up to 18 months duration requesting up to \$150,000. The successful proposals will include some extension and education elements and coordinate with state Sea Grant programs. Find the full RFP [here](#) . Letters of intent are due by Sept. 23, 2022 by 5 p.m. ET. Prospective New Hampshire applicants should contact [Steve Jones](#), NH Sea Grant’s associate director and assistant director for 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
Oct. 25	National Science Foundation (NSF)	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) One of each type of proposal: <ul style="list-style-type: none"> • Network Connectors • Design and Development Launch Pilots • Collaborative Change Consortia
<i>Full proposal accepted anytime</i>	NSF	Pathways into the Earth, Ocean, Polar and Atmospheric & Geospace Sciences (GEOPATHS)

Research Development Newsletters

Research Development & Grant Writing News [August 2022](#)

Defense Policy Newsletter [Aug. 4, 2022](#)

UPCOMING EVENTS

Seacoast Sips of Science: Nutrition and Wellness Science

Sep 19, 6:30 - 8:30 p.m.

Garrison City Beerworks, 455 Central Ave, Dover

This [ongoing series](#), launched by the UNH chemistry department and now in partnership with the UNH Graduate School and the Office of Research, Economic Engagement and Outreach, brings UNH research to the relaxed environment of local breweries and cafes. The first monthly event of the year will feature cutting-edge research from UNH researchers on strategies to build a strong you. Health and disease and their links to nutrition and wellness strategies will be discussed. Tickets \$5, free for UNH students. Register [here](#).

Chemical Safety Committee

Sept. 17, 2022, 12:30 p.m.

Virtual

Contact [Tom Fenton](#) to request in invitation, all are welcome!

Turning Your Innovation into a Business

Sept. 20 and 27 and Oct. 4, 2022, 12 p.m. – 1 p.m.

Virtual

Are you an inventor, engineer or developer with a brilliant idea that you want to turn into a business? Or do you want to commercialize that idea or get an SBIR/STTR to do additional R&D? Join the webinar series [Turning Your Innovation into a Business](#), hosted by [UNH Innovation](#) and [NH Small Business Development Center](#). The topics will help orient you towards having a business mindset. With this information, you can then work on developing your business with the NH SBDC and UNH Innovation. More information and registration can be found [here](#).

Intro to NSF's Directorate for Technology, Innovation and Partnerships (TIP)

Sept. 27, 2 – 3 p.m.

Virtual

Technology, Innovation and Partnerships advances use-inspired and translational research in all fields of science and engineering, promoting breakthrough technologies that give rise to new industries, create high-wage jobs in science, technology, engineering and math (STEM) and empower all Americans, regardless of background or location, to drive tomorrow's solutions.

The webinar, hosted by Erwin Gianchandani, assistant director of the new directorate, introduces TIP's vision, programs and funding opportunities. Find more information and the registration link on the [event summary website](#).

GOOD NEWS

The [New York Times](#) featured the marine acoustics research of visiting assistant professor Michelle Fournet. UNH Tech Camp was [New Hampshire Business Review's recent cover story](#). This [Spark story](#) inspired a [letter to the editor](#) from Franklin mayor Jo Brown crediting UNH Extension with helping revitalize the city. The latest in UNH's [Research Snapshots](#) series features associate professor of natural resources and the environment Adrienne Kovach and her students studying [tidal marsh sparrows](#). Professor of history Jason Sokol and associate professor of history Michael Leese received [Faculty Research Fellowships](#) from UNH's Center for the Humanities. Visiting assistant professor Laura Kloepper's recent study, published in Nature Communications, [sheds new light](#) on how bats swarm to

evade predators and how hawks have outsmarted this strategy. NASA has awarded \$750,000 to a team of UNH researchers to take a closer look at [gamma ray radiation](#). Cari Moorhead, dean of the Graduate School, has been appointed [president of the Northeastern Association of Graduate Schools](#). 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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