



University of New Hampshire

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



Adrienne Kovach, associate professor of natural resources and the environment (right), and her research team rose with the birds one recent morning to study tidal marsh sparrows in Stratham, N.H. Photo by Jeremy Gasowski/UNH.

RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

August 24, 2022

Greetings,

Welcome to what we anticipate will be another fantastic academic year.

As we ease COVID-related restrictions and continue to embrace the ever-changing “new normal,” I’d like to remind everyone of the importance of maintaining safety protocols in your lab, field site or research group. The start of the year is a great time to double check that your training and equipment is up to date to ensure your scholarship is safe as well as productive.

Our colleagues in Environmental Health & Safety and Research Integrity Services have several reminders and upcoming trainings listed below.

I wish you all the best for the coming school year!

Marian McCord

ANNOUNCEMENTS

Change to Institutional Review Board (IRB) Requirements for Human Subjects Protections Training

Effective Sept. 1, 2022, all UNH personnel (whether faculty, staff or student) listed on an application to the UNH IRB must have completed the [UNH web-based training on human subjects protections](#) , and documentation of the training must be attached to the IRB application in Cayuse IRB/Human Ethics (for each non-UNH individual listed on an IRB application, attach documentation of completion of IRB training from their home institution or completion of the UNH module). UNH human subjects protections training will expire three years from the date of completion (if the training was last completed before September 2019, researchers will need to re-take the training for their next IRB application).

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.

Chemical Fume Hood Safety

Environmental Health and Safety (EHS) regularly inspects chemical fume hoods to verify safe operation and has reviewed over 130 hoods in the past 6 weeks to prepare for the fall semester. Please remember to report fume hood alarms to EHS. Never work with chemicals in a hood that is alarming or is posted with a Do Not Use sign. Contact [Tom Fenton](#) with questions about fume hoods.

Chemical Inventory

EHS verified chemical inventories across campus this summer, scanning over 32,000 chemical containers. Chemical owners and lab workers can review chemical inventory details, get safety data sheets and search for chemicals in [UNHCEMS](#). Contact [Karrie Myer](#) with questions about UNHCEMS.

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 September 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 September 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](#).

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](#).

High Tech Bound

Recently, the [UNH InterOperability \(UNH-IOL\)](#) concluded its 16th year of the [HighTech Bound Internship](#), which welcomed nine rising high school seniors from across the country to work in a real-world technology lab. Over the course of the five weeks students completed projects ranging from a software license tracker used in industry to hardware development for a field-programmable gate array (FPGA)-based test tool. They learned FPGA board development, soldering skills, software coding including JAVA and Python as well as Agile methodologies used in industry for project management. The internship gives students hands-on experience working with the latest technologies and software projects from companies around the world, including Fortune 500s like Apple, Dell and Cisco. Applications open January 2023.

Nature Groupie

UNH students interning with UNH Extension's [Nature Groupie](#) this summer [discovered the biggest site of perennial pepperweed](#) in the N.H. Seacoast. The interns teamed up with staff and volunteers from UNH Extension and the N.H. Department of Environmental Services to pull around 14,000 stems of this invasive plant.

FUNDING OPPORTUNITIES AND RESOURCES

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. 6	National Institutes of Health (NIH)	NIH Director's Early Independence Awards (DP5 Clinical Trial Optional)

Sept. 12	National Science Foundation (NSF)	National Science Foundation Research Traineeship (NRT) Program
Sept. 21	National Endowment for the Humanities	Summer Stipends Internal Competition is underway Deadline: Aug. 29 11:59 p.m. Details
Oct. 25	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

GRAD 891 – National Science Foundation Graduate Research Fellowship Preparation

Aug. 29 – Oct. 14, 2022 (Half Term)

This [course](#) is designed to enable students to receive information, guidance and support in applying for the National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP). Students will become familiar with the NSF, its mission and the selection criteria for this fellowship. Through independent work and collaborative exercises, students will strengthen writing skills and develop a strong application. For more information contact [Jeanne Sokolowski](#) or [Michael Thompson](#).

Chemical Safety Committee

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

Remote

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

GOOD NEWS

UNH's Living Bridge project was the [feature of a story](#) from the National Renewable Energy Laboratory. Shoals Marine Lab welcomed 15 Manchester high school students and two teachers for a [five-day pilot program](#) for Manchester schools. Nautilus Live highlighted the [12 UNH researchers](#) participating in the [Lu'uaeaahikiikawawāpalaoa: Dual-Technology Seafloor Mapping](#) expedition on the E/V Nautilus. The Providence Journal highlighted [research at UNH's Organic Dairy Research Farm](#) that seeks to reduce methane by feeding cows seaweed. A [new study](#) from the New Hampshire Agricultural Experiment Station found that improving habitat for New England cottontail rabbits benefits shrubland birds as well. 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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