



University of New Hampshire

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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

September 2, 2020

Colleagues,

Happy fall semester! This school year is starting like no other, to be sure, but I write with gratitude for the creativity, flexibility and hard, hard work you've all demonstrated these past months. I'm pleased that as of August 21, we've transitioned to Phase 4 of [UNH's Phased Resumption of Research Activity](#), which broadens access to campus for faculty, staff, postdocs and students to include low-risk non-critical research activities (more details are below).

As you may know, UNH has launched an on-site COVID-19 test lab (pictured above) that is allowing us to run thousands of tests each day. Testing all our on-campus students every four days is a cornerstone to the university's safe return to an in-person fall semester. This extraordinary effort — our testing program is among the most robust of the nation's universities — would not have been possible without the expertise and tireless dedication of our faculty and staff. Rick Cote and Kelley Thomas of COLSA's department of molecular, cellular and biomedical science, in particular, have been invaluable partners in standing up this lab in a very short timeframe.

Despite the myriad challenges that face us this fall, I continue to be buoyed by your excellent research and scholarship and the potential it holds to improve all our lives.

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Resumption of Research

UNH transitioned to Phase 4 of [UNH's Phased Resumption of Research Activity](#) on August 21. Phase 4 broadens access to campus for faculty, staff, postdocs and students. During this phase, we will continue to require the [submission of an application](#) for approval using the lab access request form or seasonal fieldwork request form.

Applications are first reviewed by the OSVPR, EE&O and then forwarded to the dean or institute/center director for approval. Once approval is received, the application will be forwarded to UNH's office of environmental health and safety (EH&S), which will require virtual training prior to completing the conformance attestation. Upon EH&S receipt of the attestation, a notice of approval to proceed from EH&S will be sent.

No previously approved research activity needs to be resubmitted.

All faculty, staff and trainees who return to campus for Phase 4 must abide by [COVID-19 testing requirements](#) in addition to following the guidance on the [resumption of research activity](#), as posted on the [UNH coronavirus website](#) and provided by [EH&S](#).

All researchers should be cognizant of the fact that the infection and spread of COVID-19 in any facility on campus may require a return to essential activities. Therefore, orders for "perishable" materials, including animals, should be restricted to meeting the immediate needs of the research being conducted. Those who have frozen biological specimens should also consider the possible need to refreeze samples if it becomes necessary to reduce research activities again.

IACUC Fall Meetings

The UNH Institutional Animal Care and Use Committee (IACUC) has set the [fall semester meeting schedule](#) for review of applications for research or instruction involving vertebrate animals. For more information or questions about the IACUC review process, please visit the [IACUC's website](#) or contact [Susan Jalbert](#) or [Julie Simpson](#).

Research Integrity Workshops

The RCR Committee, Graduate School Office of Research, Economic Engagement and Outreach and Collaborative Research Excellence (CoRE) Initiative will host a series of workshops this academic year on the theme "Research Integrity from Inception through Dissemination," addressing issues that arise during the life cycle of a research study.

The first workshop in the fall 2020 semester is on Wednesday, September 23, 3:10-4:30pm via Zoom. "Data, Data,

Everywhere” discusses how responsible data management begins with planning for a research project and continues after the findings are published. Establishing and implementing strategies for the collection and handling, sharing and re-use, secure storage, ongoing accessibility and long-term preservation of data carries additional concerns for researchers. But good data management practices can protect your data from accidental loss or disclosure, help researchers comply with funder requirements, and improve research integrity and reproducibility. This workshop will focus on strategies for responsible data management practices, navigating resources at UNH, and recordkeeping practices to improve transparency and avoid bias. Presenter: Dr. Patricia Condon, UNH Library.

Registration is required: https://unh.az1.qualtrics.com/jfe/form/SV_eEb9A7mu8q7y7rL The Zoom link will be emailed to registered individuals the day before the workshop.

White House R&D Priorities

The White House recently released its annual R&D priorities [memorandum](#), providing guidance as federal agencies develop their submissions for the president’s fiscal year 2022 budget request. Produced by the Office of Science and Technology Policy and Office of Management and Budget, the document lays out five priority themes, four of which are carried over from last year’s memo with few major alterations. These include a continued focus on “Industries of the Future” (IoF), which are described as the Trump administration’s “top R&D priority” and encompass artificial intelligence, quantum information science (QIS), advanced communications networks, advanced manufacturing and biotechnology.

New IRB Software

The Office of Research, Economic Engagement and Outreach is implementing Cayuse, a cloud-based, comprehensive grant management and research compliance software. One module (Cayuse IRB) is for managing protocols submitted to the UNH Institutional Review Board (IRB) for research involving human subjects. With Cayuse IRB, researchers will be able to streamline IRB submissions and have online access to their IRB protocol records. Some benefits of Cayuse IRB for researchers include:

- Easy-to-use electronic forms with autofill features
- Ability to submit and certify protocols from their computer or device
- Real-time online submission tracking
- Centralized IRB record management from initial submission through study closure

More information, including information about training and resources, will be provided in the coming months once the go-live date is established. In the meantime, please contact IRB staff with questions: [Melissa McGee](#), [Susan Jalbert](#), or [Julie Simpson](#).

Good News

The Center for Coastal and Ocean Mapping has received a [major NOAA grant](#) to continue the work of the Joint Hydrographic Center. UNH was one of 13 institutions selected to join a newly formed [Network for Neutrinos, Nuclear Astrophysics, and Symmetries Physics Frontier Center](#). Assistant professor of physics Francois Foucart leads UNH's participation. Adam Wymore and Bill McDowell, both of the department of natural resources and the environment, have been awarded an NSF [Rapid Response Research \(RAPID\) grant](#) to study the impact of the massive "Godzilla" dust storm on Puerto Rico watersheds. NASA selected [HelioSwarm](#), led by EOS director Harlan Spence, for a mission concept study. Please send research news — high-impact results, new grants, awards and more — to [Beth Potier](#).

The University of New Hampshire • Durham, NH 03824
(603) 862-1234 • TTY Users: 7-1-1 or 800-735-2964 (Relay NH)

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