



Winter 2024

As we sprint toward the end of the academic year, remember to celebrate all of the amazing research that happens at UC. UC Research and Innovation week is a weeklong celebration beginning Monday April 29th. The theme for UC's Research and Innovation Week 2024 is *Society and Culture*. Learn more about the activities here: <https://research.uc.edu/researchweek>.

2023 may have been the “Year of Open Science” but data sharing and transparency are here to stay. UC Libraries provides Research and Data Services. Learn more here: <https://libraries.uc.edu/research-teaching-support/research-data-services.html>. If you are looking for biomedical data, the NIH has created a [biomedical dataset catalog](#) from various repositories; feedback on how to make it more useful will impact its further development. NIH is also seeking input on Common Data Elements for NIH-Supported Clinical Research. If you want to ensure that required data are meaningful and minimally burdensome then provide feedback here: <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-24-063.html>. Provide comments before April 20, 2024.

NSF's revisions to the [Proposal and Award Policies and Procedures Guide](#) (aka, PAPPG) has been released and impacts proposals due/submitted on or after May 20, 2024. There are changes to biographical sketches, to exclude people who are party to a Malign Foreign Talent Recruitment Program, to Mentoring Plans and more. The [Summary of Changes](#) is a quick way to see how it might impact you.

We are here to facilitate your research.

Feel free to reach out with suggestions, questions, or concerns.

Jane Strasser, PhD

Senior Associate Vice President for Research

Research Compliance Officer

Research Integrity Officer

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ANIMAL CARE AND USE PROGRAM

Bupivacaine Backorder

Nocita® (extended-release bupivacaine) is currently on backorder. The supplier is hopeful that it will be available by the end of March but cannot guarantee. Please email [LAMS Veterinary Staff](#) for alternatives and help ordering.

Rodent Euthanasia with CO₂

Ensure that you are familiar with the [procedure requirements](#) when performing rodent euthanasia using CO₂. This includes:

- 20% of the cage floor space is visible.
- When possible, euthanize animals in their home cage or as stable social groups.
- Animals must be continually observed and never left unattended during euthanasia.
- Animals must receive a secondary method of euthanasia as described in the approved IACUC protocol once death is apparent.

Failure to confirm the death of a euthanized rodent is an animal welfare concern as well as a significant noncompliance.

Rodent Food and Fluid (Water) Requirements

All animals must be provided with an adequate amount of food and water unless there is an approved exception in the IACUC protocol. These measures are in place to protect animal welfare and the integrity of your research. Remember:

- **Ventilated rack cages:** verify that the rack drinker valve rotates and functions properly before placing a cage on a ventilated rack.
- **Cages with water bottles:** ensure the water bottle sipper tube is unobstructed and functioning properly before placing a new bottle on a cage.
- **Weaned/separated rodents:** ensure the new cage has sufficient food, a water bottle that is ≥50% full, enrichment, and a cage card.

- **PI-delegated** cages (must be approved by IACUC): research staff must for check for and (if needed) provide adequate food/water to “PI Will Feed” and “PI Will Water” cages **at least once every 3 days**. Promptly document this activity on the Researcher Delegated Room Log.
- **Food and/or water restriction** (must be approved by IACUC): appropriate cage cards and documentation must be kept during and after restriction, learn more on [Bearcats Landing](#).

Introducing New IACUC Office Staff

Abbie Thompson, BS, RVT, Elite FFCP, LAT joined the IACUC Office as a Research Compliance Analyst in December 2023. She is a 2008 UC Vet Tech alumna with a wealth of experience in laboratory animal medicine, research, and education. Please join us in warmly welcoming Abbie to our team!

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CONTROLLED SUBSTANCES

DEA Website Redesign

The [DEA Diversion Control website](#) (where Investigators apply for and manage their DEA registrations) has been updated. Information is now grouped by topic, including [Registration](#) and [Resources](#). Learn about UC-specific information and processes relating to the OBP/DEA registration process on [Bearcats Landing](#).

Controlled Substance Disposal

When controlled substances are expired and/or no longer needed they must be inactivated using DEA approved methods. On-site disposal using chemical digestion solutions (such as [Rx Destroyer](#)) is a common disposal method. These solutions are commercially available from vendors (e.g. Fisher Scientific) in [UC's PACE system](#). Complete a [DEA Form 41](#) prior to disposal and [contact UC EH&S](#) to arrange for final disposal of used chemical digestant.

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EXPORT CONTROLS, RESEARCH TRANSPARENCY, AND SECURITY

Export Control Questions & Assistance

Export Control dilemma? Having trouble determining if a document may be (CUI, EAR, or ITAR) controlled? Need help determining the best practices for controlling your documents? Contact Restricted_Research@uc.edu for assistance.

Phishing Scams

Phishing attempts try to trick an individual into revealing secure, confidential, or financial information. Have you received an unexpected email that asks you to urgently send over some of your personal information, or instructs you to click a link and follow the resulting directions? These are clear signs of a common phishing attempt. Forward phishing emails to abuse@uc.edu and delete the email from your mailbox.

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HUMAN RESEARCH PROTECTIONS PROGRAM

Updates to Reliance Process

To capture local site requirements, effective February 1, 2024, research teams are expected to utilize the revised 508R (available in the RAP Library) with all reliance submissions. The submission of modifications on studies involving a reliance on external IRBs will be required if there are any changes to the study or informed consent document that may impact local boilerplate language.

Payments to Research Study Participants

We continue to strive to balance participant compensation with other regulatory mandates. The policy for paying research participants has been updated. It can be found here: <https://mailuc.sharepoint.com/sites/af/SitePages/Payments-to-Research-Study-Participants.aspx>

LAB SAFETY NEWS

BIOSAFETY

Sharp Materials Safety

To minimize the risk of injury when working with sharps in the laboratory:

1. Immediately dispose of sharps in a container approved for this specific purpose. Keep the sharps disposal container in the vicinity of sharp usage.
2. Use tools (e.g., forceps), not your hands to manipulate sharps.
3. Use a secondary container that is closable and puncture resistant to transport sharp materials.

Take the following steps in the events of a sharps-related injury:

1. Promptly wash the affected area with an antiseptic solution and water.
2. Call the Injury Hotline (513-585-8000) for medical assistance.
3. Report the injury to UC Environmental Health & Safety using instructions in [Advisory 12.2](#). Incidents involving recombinant nucleic acid and/or infectious or potentially infectious materials must also be reported to the [Biosafety Office](#).

RADIATION SAFETY

Unsealed Radioactive Materials (RAM) Inventory

Proper inventory usage records are key to ensuring adequate inventory, usage and waste records are generated and maintained. When completing your quarterly unsealed RAM inventory, be sure to confirm the activity and volume of material used/remaining is accurate. If any discrepancy is identified, complete the inventory verification process but make note of the discrepancy in the “Total Used Correction %” and/or the “Explain Correction” text fields. An RSO representative will contact you to correct/update the records within the system.

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SAVE THE DATE & ONLINE RESOURCES

NIH’s next Scientific Workforce Diversity Seminar, “**How Does Diversity Impact Innovation in Team Science?**” will take place on Wednesday, March 13, from 10:30 a.m. to 12:00 p.m. ET.

[Registration is now open.](#)

Research and Innovation week is April 29- May 3, 2024. Celebrate research and innovation at UC. More information is available here: <https://research.uc.edu/researchweek>

Artificial Intelligence and Automated Laboratories for Biotechnology: Leveraging Opportunities and Mitigating Risks April 3-4, 2024 | 9:00 AM - 5:00 PM. You can join the [National Academies](#) virtually or in person on April 3-4, 2024 for a workshop on the opportunities and mitigation of risks of the use of artificial intelligence and automated laboratories (i.e., self-driving labs) for biotechnology.

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