



Spring 2024

Another academic year is over, but research never stops. Even when it's hot outside, remember to wear the appropriate personal protective equipment when performing research, including closed-toe shoes.

The NIH and FDA are asking for feedback to develop consistent terminology for communicating about **clinical trials**. Give them some feedback before June 24, 2024 at <https://osp.od.nih.gov/comment-form-fda-nih-resource-on-terminology-for-clinical-research/>

NSF will host a public webinar for researchers and educators to learn about the specific resources now available for use as part of the **National AI Research Resource (NAIRR)** Pilot. NAIRR is a partnership with a dozen federal agencies and over private sector contributors. It was **envisioned** as a widely accessible AI research cyberinfrastructure that brings together computational resources, data, testbeds, algorithms, software, services, networks, and expertise. The webinar will take place on May 21st from 2:00-4:00 PM. More information about the showcase is available here: [NAIRR Pilot Partner Showcase | NSF - National Science Foundation](#).

We are here to facilitate your research.

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

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ANIMAL CARE AND USE PROGRAM

Chemical Hazard Safety Advisories

Use of chemical hazards is associated with additional safety risk. You can view safety advisory documents for hazards approved on your IACUC protocol in [Research Administration Portal \(RAP\)](#) by looking under the “Documents” tab of your protocol. Anyone working in the LAMS chemical containment room must first complete appropriate training; transcripts are available on the [Compliance Training website](#) or you can email [Animal Training](#). The PI is responsible for ensuring their protocol team is appropriately trained.

Policy & Guideline Compliance

All personnel using animals are required to comply with the ACUP policies and guidelines. They can be found on [Bearcats Landing](#) or the Help Center tab in [IACUC RAP](#).

Important Barcode Information

- Cage cards contain identifying information like the investigator(s) name, protocol number, a unique barcode, and per diem account information. It is critical to verify that you are using the correct cage card for your lab prior to activating.
- To activate a new cage card, provide the on-census date on the top and bottom portions of the cage card, then tear off the top ACTIVATE portion and place in the LAMS drop box.
- To deactivate a cage card, provide the off-census date then tear off the DEACTIVATE portion of the cage card and place in the LAMS drop box. **Never re-use a cage card!** Using a new cage card for each new cage ensures that animals are accurately debited from your IACUC protocol.

- LAMS collects cage cards from the drop box before 4PM on weekdays for activation/deactivation. Cards found without a deactivation date are charged to the next day.

Rodent Colony Management

Management of rodent colonies is the responsibility of the researchers, not LAMS. Review [ACUP Rodent Colony Management guidelines](#) for more details on researcher responsibilities and LAMS expectations.

March IACUC Semiannual Inspections

Thank you for everyone's cooperation during March IACUC semiannual inspections. The most common findings were cardboard in animal use areas, secondary labels not present, and expired diet.

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CONTROLLED SUBSTANCES

DEA Form 41 – Controlled Substance Disposal

[DEA Form 41](#) is used to document disposal of controlled substances.

- **Section 1B (Inventory):** for each substance destroyed, provide either the National Drug Code (found on the drug label or in the [online directory](#)) or the [DEA Controlled Substances Code Number \(CSCN\)](#).
- **Section C (Method of Destruction):** on-site disposal using chemical digestion solution (such as Rx Destroyer) is a popular method. Inadequate disposal [methods](#) such as flushing controlled substances down a toilet/sink, mixing with kitty litter or coffee grounds, or throwing away in the trash are not permitted.
- **Section D (Witnesses):** must be signed by 2 authorized employees (if you do not have employees in your lab, then you can pull in another researcher or research assistant to witness the destruction).

Controlled Substance Inventory

Completing an [annual](#) inventory satisfies both [OBP](#) and [DEA](#) inventory requirements. Some helpful reminders:

- The DEA maintains a list of [drug schedules](#). Xylazine is an **OBP Schedule III** controlled substance and should be included during inventory.

- The inventory may be taken either at opening of business or close of business on the inventory date.
- If there are no stocks of controlled substances on hand at time of inventory, you should still create a record documenting zero inventory.

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EXPORT CONTROLS AND RESEARCH SECURITY

Public Wi-Fi Security Tips

Public wi-fi can be a great, easily accessible resource especially during travel or for remote work. But with convenience comes additional responsibilities to protect your data:

- Only use websites with **https** at the beginning of the URL. If you don't see https, don't give any information to the website!
- Be wary of how much personal information you share when registering for public wi-fi access.
- Avoid using credit cards or accessing banking information on public wi-fi.
- Limit or turn off AirDrop and File Sharing on any devices using public wi-fi.
- Use a VPN to encrypt your data.

The federal government added **37 new entities to the Entity List** (entities of concern resulting in restrictions). Twenty two organizations (including some universities) were added for participating in the People's Republic of China's (PRC) quantum technology advancements and for acquiring or attempting to acquire U.S.-originated items. According to the U.S. federal government, these activities have military applications which pose a national security threat. Some entities were linked to advancements in the PRC's nuclear programs or have been involved in the shipment of controlled items to Russia. What does this mean for UC? **We cannot export or share items with these entities without a license**, which the federal government would almost certainly deny. Collaborating with these entities, even co-authoring papers with any entity on a U.S. government list, may raise your risk profile and impact your federal funding (Reference example [DOD risk matrix, pages 9-12](#)). Note other agencies use similar risk matrices. Please see this [link](#) for more details. Note this recent [list](#) of newly added denied entities is not exhaustive, so please contact the restricted_research@uc.edu team to conduct Restricted Party Screenings on your international partners. Also be sure to make all [required disclosures](#).

Sample of new additions to BIS Entity list:

1. Chinese Academy of Science, Center for Excellence in Quantum Information and Quantum Physics
2. Chinese Academy of Sciences, Institute of Physics
3. Chinese Academy of Sciences, Key Laboratory for Quantum Information
4. Chinese Academy of Sciences' Shanghai Institute of Mircrosystem and Information Technology
5. Shanghai Center for Quantum Science Research
6. Shenzhen Institute of Quantum Science and Engineering
7. University of Science and Technology of China (USTC)

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HUMAN RESEARCH PROTECTIONS PROGRAM

Revised Exempt Determination Process

UC's HRPP has revised the new form for research that falls under one of the exempt review categories specified in federal regulations. The HRP-503E is accessible in the [IRB RAP Library](#) or by reaching out to [HRPP](#). Investigators do not need to upload consent forms and many other standard documents as part of this review process.

Payments to Student Participants

Payments for participating in a research study or survey may be included in EFA (Estimated Financial Assistance) when determining student aid eligibility or the packaging of the student's federal financial aid. Student Financial Aid (SFA) is responsible for determining whether payment is considered EFA or not. Researchers who intend to specifically target students for enrollment need to notify SFA by email at SFAO@UCMAIL.UC.EDU to obtain a determination. The email should include the following;

- Student's name and UCID [if already enrolled and information is available],
- Method of payment,
- Amount or value provided in the payment,
- Brief study synopsis,
- Reason for payment,
- Date payment was provided.

Certificates of Confidentiality (CoC)

Certificates of Confidentiality provide limited protection from disclosure and must be obtained prior to starting enrollment. Disclosure of information, physical documents, or biospecimens is **NOT** protected by the CoC when they are associated with mandatory reporting by federal, state, or local laws.

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LAB SAFETY NEWS

BIOSAFETY

Needle Safety

Recapping needles is the cause of most needlestick injuries and should be avoided. After using a syringe/needle, the whole unit should be immediately disposed of in a sharps container without recapping and/or disconnecting the needle. When recapping needles is strictly necessary, workers must use a [device](#) to recap needles or adopt the [one-handed scoop technique](#).

Take the following steps in the events of a needle stick 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](#).

NEW! Shipping Classification Guide

In order to help shippers to determine if their materials fall under DOT & IATA regulations, the Biosafety Office has created the [Shipping Classification Guide](#) which serves as a quick reference tool.

RADIATION SAFETY

Personal Protective Equipment (PPE) Use

Sandals and any footwear or clothing that expose large areas of skin are not permitted in laboratories. All PPE (including lab coats) used when working with RAM should not be worn outside the research facility to public places (e.g., offices, elevators, cafeterias).

Retirement Notices

Please join us in thanking the following retiring staff for their hard work and expertise over the years: **Mark Powers** has provided over 30 years of service to the University of Cincinnati. Mark has been a staple in our office, consistently producing high-quality work and sharing his expertise. We all wish you a happy, long, relaxing retirement! **Mary Xiaoping Meng** (UC DTS) developed and provided ongoing technical maintenance for Radiation Safety's Gamma 2 web application. We are extremely thankful for Xiaoping's dedication and expertise and wish her a wonderful retirement full of new opportunities, rest, and relaxation!

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SAVE THE DATE & ONLINE RESOURCES

5/21/2024 2:00-4:00 PM. **National AI Research Resource** (NAIRR) Showcase . For more information and to register: [NAIRR Pilot Partner Showcase | NSF - National Science Foundation](#).

6/5/2024 [Updates to NIH Grant Training Applications](#)

9/26/2024 and 9/27/2024 Virtual **Human Research Protections: Times Like These**. The conference will occur between noon and 4:30PM on both days. Stay tuned for more.

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