

**University of Cincinnati
Institutional Animal Care & Use Committee**

Animal Care and Use Program (ACUP) Training Policy

The UC IACUC requires personnel working with animals to have the necessary knowledge and expertise for specific animal procedures and species approved in their IACUC protocol. Training should include, but is not limited to: occupational health and safety, ethics, legislation, resource availability, animal handling, surgical techniques, euthanasia, and continuing education to reinforce training. (*Guide* p.15-17, AWA 2.32(a-c), PHS Policy IV.C.1.F).

Register for training at AnimalTraining@uc.edu

Required Initial Training (prior to addition to IACUC protocol)

- 1. IACUC Orientation (in-person)** - Introduction to UC ACUP, laboratory animal research regulatory/accrediting agencies, and federal/state/institutional legislation, policies, and resources.
- 2. IACUC Courses (online)**
 - a. Occupational Health and Safety Program for Animal Handlers
 - b. Working with the IACUC
 - c. Working with **Species*** in Research Settings
 - i. * Complete courses relating to all species listed on the IACUC protocol.
- 3. LAMS Training (in-person)**
 - a. **Facility Orientation** - Tour of animal housing facility, husbandry and transportation procedures, personal protective equipment (PPE), animal health reporting and census.
 - b. **Species Skills** - Housing and sex identification, safe restraint/handling, common health issues, and skills proficiency.
 - c. **Principles of Survival Surgery** - Anesthesia and analgesia, aseptic technique, surgical principles, and post-operative care and monitoring.

Required Continuing Education (every 3 years)

- 1. IACUC Courses (online)**
 - a. Occupational Health and Safety Program for Animal Handlers
 - b. Working with the IACUC

Supplementary Training (in-person)

- 1. LAMS Hazard Training (required)** - mandatory **prior** to working with hazardous agents in a LAMS hazard containment room or other approved LAMS rooms.
- 2. Surgical Procedures (optional)** - demonstration of procedures such as castration, vasectomy, ovariectomy, splenectomy, nephrectomy, renal capsular implantation, osmotic mini-pump implantation (subcutaneous, intraperitoneal), mammary fat pad injections, and ischemia/reperfusion models (e.g., kidney, liver).

- 3. Rodent Techniques (optional)** - procedures such as use of mechanical restraint devices, animal identification, nail trimming, drug/agent administration (SQ/IM/IP/IV/oral gavage), venipuncture (submandibular, saphenous, tail clip/lacerations), retro-orbital injections/blood collections, intracardiac injections and cardiocentesis.

Exceptions to Required Training

1. Teaching protocols or protocols with a teaching component do not require class students to be added to the IACUC protocol or complete the full requirements of this training policy. Enrollment in the Occupational Health and Safety Program Category 1 is minimally required. Students must remain under direct supervision of an animal user approved on the protocol while working with animals.
2. Individuals working on an IACUC protocol whose cumulative stay is 14 days or less per calendar year (e.g. visiting scholars) are not required to be added to the IACUC protocol or complete the full requirements of this training policy. Enrollment in the Occupational Health and Safety Program Category 1 is minimally required. Visitors must remain under direct supervision of an animal user approved on the protocol while working with animals.
3. Other exceptions to this policy will be determined on a case-by-case basis and must be approved by the IACUC prior to any contact with animals.

Non-Compliance

If personnel do not renew the required continuing education by the expiration date, the IACUC will give a final notice to affected personnel and the principal investigator (PI) that training must be renewed/completed within 10 business days.

If Training Remains Incomplete/Expired:

1. Access to LAMS facilities may be revoked.
2. Personnel may be administratively removed from the protocol, requiring them to cease working with animals.
 - o Once training has been completed, the PI/PI proxy can add the individual to the IACUC protocol, by submitting an amendment in the Research Administration Portal (RAP).
3. IACUC amendment or triennial review approvals may be delayed.
4. PIs with expired training will be requested to provide a corrective action plan to the IACUC.
5. Recurrent violations of expired training by the same lab will require the PI to submit a corrective action plan to the IACUC.