



What You Need to Know About IACUC Approved Research

The DU Animal Program welcomes you to our campus! Below are the steps for submitting a new research proposal to the IACUC. Please direct questions to the Office of Research Integrity & Education at 303-871-2121.

STEP 1: Register in IRBNet

DU utilizes an electronic submission system called IRBNet (IRBNet.org) to process and manage research proposals from the research community. IRBNet provides a method to submit and store research documents, manage revisions, track, and retrieve research correspondence and documents.

Within IRBNet, a library of DU-specific forms, checklists and templates are available for your use while developing or submitting IACUC applications (refer to Step 2).

If you need assistance navigating through the IRBNet system, please refer to the [IRBNet User's Guide](#), contact the Office of Research Integrity & Education at: IACUCAdmin@du.edu to schedule a quick demo, or call us at 303-871-2121.

IACUC CONTACTS:

David Patterson, PhD, IACUC Chair
david.patterson@du.edu / 303-250-3434

Ron Banks, DVM, Attending Veterinarian
ron.banks@earthlink.net / 405-465-9514

Nancy Lorenzon, PhD, Director of Animal Facility
nancy.lorenzonzon@du.edu / 970-217-8361

Chris Short, Director of Environmental Health and Safety, christopher.short@du.edu / 303-871-7501

Mary Travis, Director of Research Integrity & Education, mary.travis@du.edu / 303-871-4049

STEP 2: Select the appropriate forms & templates for your research protocol

[Section A: Main IACUC Protocol Template](#)

[Section F: PI Agreement](#)

[Section G: Personnel Qualifications Form](#)

[Section H: Hazardous Agents](#)

[Section K: Survival Surgery](#)

[Section L: Non-Survival Surgery](#)

[Section M: Non-Surgical Procedures](#)

[Section N: Field Studies](#)

[Section Q: Breeding Colony](#)

[Section T: PI Managed Facility](#)

[Section U: Exemption from Animal Welfare Standards \(Amendment\)](#)

[Section V: Exemption from Animal Welfare Standards \(New Protocol\)](#)

[Section Y: PI Managed Holding Facility Aquatic-Reptile Species](#)





STEP 3: Training for Animal Use Activities

DU requires all individuals responsible for or working with animals to complete specific on-line training modules. Mandatory training includes PIs and personnel conducting research involving animals. Training modules must be completed before IACUC approval will be granted to authorize animal work.

Training modules are available for DU faculty, staff and students through the Collaborative Institutional Training Initiative (CITI) (www.citiprogram.org). In addition to the CITI modules, select training is required through DU's Environmental Health & Safety Department.

Animal Care & Use Course (All Investigators, Staff & Students)

- Working with the IACUC

Animal-Specific Courses (depending upon animal work):

- Working with Mice in Research Settings
- Working with Rats in Research Settings
- Working with Zebrafish (Danio rerio) in Research Setting
- Working with Amphibians in Research Setting

Environmental Health & Safety (EHS) (MUST BE COMPLETED ANNUALLY)

- Laboratory Safety Training
(Call EHS at 303-871-7501)
- Bloodborne Pathogens (Offered through CITI)



RESOURCE

Office of Laboratory Animal Welfare (OLAW) - NIH
<http://grants.nih.gov/grants/olaw/olaw.htm>

STEP 4: Occupational Health & Safety

The DU Occupational Health & Safety Program (OHSP) is an essential part of the overall Program of animal care and use. All investigators and research staff on an IACUC protocol will need to schedule an appointment with an occupational medicine physician. Please contact the Environmental Health & Safety Office at **303-871-7501** to schedule this appointment.

STEP 5: Post-Approval Monitoring (PAM)

Continuing IACUC oversight of animal activities is required by federal laws, granting agency regulations, and accreditation policies. PAM will occur after IACUC approval. The goal of PAM is to document animal well-being and protocol compliance. PAM consists of:

- ⇒ **Laboratory Safety Inspections:** Lab safety inspections are coordinated & conducted by EHS and occur annually.
- ⇒ **Annual Protocol Review (Annual Updates):** Each year, PIs submit an annual report to the IACUC for review.
- ⇒ **Triennial Review:** Federal regulations require a denovo triennial review of animal activities. DU fulfills this requirement by requiring a new protocol submission every three years.
- ⇒ **Animal Facility Inspections:** Federal regulations require animal care and use area inspections at least every 6 months. The PI is expected to participate in reviews of laboratory spaces.
- ⇒ **Procedural Reviews:** The IACUC may require observation of procedures in progress, review of research records, or reviews of training records.

STEP 6: Other PI Requirements

- ⇒ **Amendments:** Any modifications to the approved procedures must be approved by the IACUC prior to the implementation.
- ⇒ **Self-Reporting of Unanticipated Problems/Protocol Deviations:** Report unanticipated outcomes or protocol deviations to the IACUC.
- ⇒ **Annual Training Requirements:** PIs and key personnel must complete laboratory safety and bloodborne pathogen training. Training is monitored by EHS and the IACUC administration.