

Institutional Animal Care and Use Committee Long Form Application

IMPORTANT: This form is used to screen activities carried out in instructional and research settings that involve vertebrate species that SFA faculty and staff are authorized to study.

SFA follows the guidelines set forth by the U.S. Department of Agriculture (USDA) and the Animal Welfare Act (Eighth Edition), which is enforced by USDA, to protect certain animals from inhumane treatment and neglect. The regulations are followed with respect to the animals utilized by SFA which include: agricultural animals, horses, fish, amphibians, and wildlife (birds, mammals, etc.).

The IACUC committee recognizes that many of the animal care practices at SFA constitute routine animal care. The committee therefore acknowledges the following animal management and care practices as acceptable and, upon approval of the IACUC chair, exempts them from further committee review.

Please complete this form and the IACUC committee will determine if your planned activities qualify for exemption or if further documentation or a full protocol review is required.

A. Project Information

Principal Investigator(s): _____

PI Department: _____ PI Email: _____

Student Investigator(s): _____

Title of Project: _____

Duration of study: _____ to _____

B. CITI Training

Completed CITI Animal Care and Use training courses? (<https://www.citiprogram.org>)

No

Yes List Date(s) of Completion for PIs and students: _____

C. Project Funding

Is this research funded in whole or in part by any agency of the United States Public Health Service, including AHRQ, CDC, FDA, HRSA, HIS, or NIH?

NO YES If yes, please list the agency(ies): _____

Research project is to be funded with external funds (check):

Yes No

If yes, to what sponsor(s) is the project being submitted: _____

D. Type of Project:

- Faculty Research
- Dissertation
- Thesis
- Class Project (List Course(s): _____)
- Other: _____

E. Research overview (please check all activities you plan to perform):

- Observation of animals in their natural habitat
- Holding or weighing animals
- Observation of animal behavior in a lab
- Routine agricultural animal husbandry
- Positive reward training
- Routine injections and drawing blood
- Animals used or intended for use as food or fiber
If checked, please identify the primary objective of the research or teaching:
 - Animal science teaching or research
 - Veterinary medicine teaching or research
 - Human health teaching or research
- Animals will suffer no pain or distress greater than that produced by routine injections or venipuncture and, therefore, will receive no anesthetics, analgesics, or tranquilizers.
- Animals will receive anesthetics, analgesics, and/or tranquilizers to minimize or alleviate pain or distress during:
 - Nonsurgical procedure
 - Non-survival surgery
 - Survival surgery
- Animals will experience pain or distress greater than produced by routine injections or venipuncture and will not receive anesthetics, or tranquilizers since this will adversely affect the study.

F. Species Information

Does the research involve?

Warm-blooded animals (e.g., mammals or birds)?

Cold blooded (e.g. reptiles or amphibians)?

Does this research involve captive animals?

No

If no, will the animals be held at animal use facilities for any period greater than normal handling and processing time (e.g., greater than 2 hours). No Yes

Yes

If yes, please identify the facilities (building and room where animals will be housed) and attach an animal care plan. Include the duration of time the animals will be housed in any facility.

Will your research involve catch and release methods?

No

Yes

If yes, please explain and include the number of animals:

For each species, please provide the following information:

1. Taxa or Species and Common Name
2. Characteristics (age, sex, weight)
3. Number of animals to be used.

Will living vertebrate animals be exposed to any of the following during the project:

No

Yes

If yes, for any category, specify and list.

*Infectious agents: _____

*Radioactive materials: _____

Flammable or explosive materials (e.g. either): _____

*Toxic chemicals, carcinogens, teratogens: _____

Experimental drugs: _____

Controlled drugs: _____

Anesthetic agents: _____

*Recombinant DNA: _____

*Other biological materials that may contain infectious agents: _____

Note: *Requires approval by the Institutional Biosafety Committee

G. Source of animal subjects:

Approved Vendor: _____

*Non-approved Vendor: _____

*Other Institution: _____

Breed at SFA (include approved breeding protocol number): _____

*Wild-caught Private Owner (i.e., dogs, horses, etc.)

Other: _____

*May require quarantine.

H. Procedure

Briefly describe and attach the following in non-technical (lay) terms:

1. The goal of the research and the role of living vertebrate animals in the project.
2. The procedures to be used, including the frequency of treatments per animal. For project involving survival surgery describe 1) the surgery and 2) post-operative care. Include any planned use of anesthetics, analgesics, and tranquilizers; dosages and routes of administration.
3. Euthanasia techniques (drugs, dosages, and routes of administration) or other means of animal disposition at project's completion.
4. The justification for any procedures involving pain, discomfort, or anxiety without the use of appropriate anesthetic, analgesic, or tranquilizing drugs. Describe methods, sources e.g. the Animal Welfare Information Center, used to determine that alternatives involving less pain or distress to the animals are not available.
5. The rationale for using animals rather than non-animal alternatives (in vitro systems, human clinical trials, computer models, etc.)
6. The rationale for choice of animal species.
7. The justification for using the number of animals identified on the application (statistical significance, quantity of tissue needed)
8. Relevant animal care and use guidelines followed in the study design.
9. The qualifications of professional, technical, or student personnel actually performing experimental procedures. Detail all training of personnel, including for students, that will occur prior to the study.

H. Signature Assurance

By submitting an animal care and use proposal (ACUP), or protocol, to the IACUC for review, the Principal Investigator is certifying the following:

- I assure that all students, staff, and faculty on this project are familiar with the Animal Welfare Act (AWA) and the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals, the National Institute of Health (NIH) *Guide for the Care and Use of Laboratory Animals*, the *Guide for the Care and Use of Agricultural Animals in Research and Teaching*, and recognize their responsibility in strictly adhering to approved protocols.
- I assure that all individuals listed on this project are qualified or will be trained to conduct procedures involving animals under this proposal.
- I assure that all procedure will be conducted in accordance with SFASU safety procedures, including those pertaining to personal protective equipment.
- I assure that ANY change in the care and use of animals involved in this protocol, including ANY change in the personnel listed on this protocol, that would affect their welfare will be promptly forwarded to the IACUC for review via an amendment application. Such changes will not be implemented until approval is obtained from the IACUC. Animals will not be transferred between investigators without prior approval.
- I assure that I have reviewed the pertinent scientific literature and the sources and/or databases and have found no valid alternative to any procedures described herein which may cause more than momentary or slight pain, distress, or generalized discomfort to animals, whether it is relieved or not.
- I assure that every effort has been made to minimize the number of animals used and reduce the amount of pain, distress, and/or discomfort these animals must experience.
- I assure that the activities described with in this document submitted for IACUC review are consistent with those described in any related grant, contract, or subcontract.
- I assure that the information contained in this application for animal use is accurate to the best of my knowledge.

- I understand that this application and/or my animal use privileges may be revoked by the IACUC if I violate any of the aforementioned assurance statements.

In signing this form, I assure that discomfort and injury as disclosed to animals will be limited to that which is unavoidable in the conduct of valid scientific research. I will consult with the IACUC Chair and SFA affiliated veterinarian when potentially painful procedures are to be performed beyond the normal expectations of the procedure(s). I further assure that all applicable licenses and permits have been obtained and copies are attached to this document. I agree to comply with SFA's IACUC policies and procedures, and all applicable state and federal laws governing animal welfare.

It is implicit upon submission of the protocol that the Principal Investigator has read and agrees to abide by the above obligations.

Principal Investigator Signature*

Date

*Only required if not submitted from the PI's SFASU or Chair/Dean's email account

FOR IACUC USE ONLY

Project #: _____

Decision Date: _____

- Approved
- Modifications are required
- Withhold approval
- Defer review

IACUC Chair, Dr. Jessica Glasscock

Date