

FORM D
SHSU Institutional Animal Care and Use Committee
Animal Care and use Application - Demonstration/ Display
(For use in non-regular SHSU classes or community activities)

1) Faculty/ Staff Member in charge

Name _____

Department _____

Campus address _____

Campus phone _____ Campus Email _____

☐ Faculty ☐ Staff ☐ Grad Student ☐ Undergrad Student

If Student:

Name of Supervisor _____

Address of Supervisor _____

Supervisor's Phone _____

2) Demonstation/display title: _____

Project Status ☐ New ☐ Renewal*

**A new complete application must be submitted every three years, or if changes are made to the facility or species of animals held*

3) Term of Project

Start _____ End _____

Completion and signing of this form are the responsibility of the principal investigator or faculty member in charge. Completion of the approval process will fulfill Public Health Service and USDA Animal Welfare Act requirements, and will serve to remind users and the public of SHSU's commitment to humane care and use of animals.

In signing this form, I assure that discomfort and injury to animals will be limited to that which is unavoidable in the conduct of valid scientific research. I have consulted with a veterinarian when potentially painful procedures are to be performed. I further assure that all applicable licenses and permits have been obtained and copies are attached to this document. I agree to comply to SHSU's IACUC policies and procedures, and all applicable state and federal laws governing animal welfare.

Signatures:

Principal Investigator _____ Date _____

For IACUC use only:

☐ Approved ☐ Disapproved

IACUC Chair/ Authorized signature _____ Date _____

Attending Veterinarian _____ Date _____

4) Training/ Experience documentation:

Provide the names of all associated faculty, student and technicians who will have direct animal contact. Specify those persons performing anesthesia and surgery. For each person, briefly state their experience/ qualifications to perform the procedures described within this application, or how training will be obtained if needed.

5) Purpose of the proposed demonstration/ display:

Please provide a brief interdisciplinary statement outlining the purpose of the demonstration/ display and the animal use in it. Briefly describe why this demonstration/ display is important to the public/ student community

6) Rationale and background:

Briefly describe the goal of the demonstration/ display and a brief description of the activity

7) Animal Husbandry and justification of use:

Species	Number	Source	Housing location	Area of use
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

If wild animals are used, describe how they will be trapped, types of traps used.

Describe the characteristics of the animals that will justify their use in this demonstration/ display and how the number of animals needed was determined

Are all husbandry and handling practices standard (routinely performed in this facility)

☐ Yes ☐ No

If no, describe all deviations from standard procedures and practices.
e.g. prolonged restraint is not considered a standard practice and must be justified

Will animals be kept for longer than 12 hours in any area other than the main housing facility?

☐ Yes ☐ No ☐ N/A

If yes, indicate the location (building and room #), number of animals, and explain why animals must be kept outside main facility

8) General Care and use of animals used in demonstration/ display

To the nearest hour, what is the expected length of time animals will be away from their colony? _____

Specify how often animals will receive both food and water while on display/ demonstration

Will animals be exposed to undue hardships while on display or during a demonstration (*e.g. adverse weather*)

If animals are thought to suffer at any level, quantify the expected level of suffering (*i.e. none, minimal, moderate, extreme*). If moderate or extreme levels of suffering are anticipated, provide justification for animal use in the demonstration/ display

If moderate or extreme discomfort is possible, what consideration have you given to refining procedures to be less painful; to using other non-vertebrate species; to using fewer numbers of animals; or to non-animal alternatives?

If there is a likely chance of injury to the animal during the demonstration/ display is there an attending veterinarian on call? if not, is there someone who can attend to an injured animal? Describe the training and expertise of the person responsible for attending to injured animals

If an animal is injured, what provisions exist for removing the injured animal from public display?

9) Disposition of Animals:

☐ Euthanasia ☐ Return to Colony ☐ Return to Wild ☐ Harvesting for Additional Use

☐ Transfer to a Different Project

If transferring, name of the different project:

If Euthanasia, select the method to be used:

Note: euthanized animals may not be made available for human consumption.

☐ Lethal Injection using a commercial solution at the recommended dosage (*Succomb, Euthol, Beuthanasia-D*)*

☐ Inhalation of Anesthetic gases (*isoflourane*)

☐ Inhalation of carbon dioxide (*rodents, birds, amphibians*)

☐ Physical Method (*Cervical dislocation, Decapitation*). Describe the scientific justification in the comments section**

☐ Other. Explain and describe the scientific justification in the comments section**

* Give estimate of animal's weight and dosage of the drug used.

**** Comments Section**

Must be an approved method as described in the AVMA Guidelines on Euthanasia
(<http://www.avma.org/resources/euthanasia.pdf>)

If euthanized, how and where will animals be disposed?

If harvested, please explain additional use.

If harvested, please list the name, address, and phone number of the rendering company.

Name _____ Phone _____
Street _____
City _____ State _____ Zip _____
Email address _____

10) Experimental Manipulations:

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Will surgery be performed? If yes, complete Section A.
<input type="checkbox"/>	<input type="checkbox"/>	Will anesthetics be administered? If yes, complete Section B.
<input type="checkbox"/>	<input type="checkbox"/>	will animals have a serious or experimentally-induced disease, perceive pain and discomfort, or be subjected to prolonged restraint or aversive stimuli? If yes, complete Section C.
<input type="checkbox"/>	<input type="checkbox"/>	Does this project require the use of radioactive materials or biohazardous agents in surviving, live animals? If yes to either question, complete Section D.

Section A: Surgery

Surgery is defined as a major operative procedure that exposes a body cavity or produces substantial impairment of physical or physiologic function.

Multiple survival surgeries on a single animal; are discouraged unless they can be scientifically justified.

All survival surgery must be performed using aseptic procedures, including surgical gloves, masks, sterile instruments, and aseptic techniques.

Non-rodent mammalian survival surgery must be performed in an operating room used only for surgery.

If working with farm animals obtain a copy of "*The Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching*" published by The Federation of Animal Science Societies. These are available from the chair of the agricultural department

1) The type of surgery will be

- ☐ Survival (animal will awaken from anesthesia)
- ☐ Non-survival (animal will remain anesthetized during entire procedure and will be euthanized without awakening)

2) Location where surgery will be performed

3) Describe surgical procedures

Include aseptic preparation of the operative site, location and size of incisions, size and placement of catheters or devices that will be implanted, and estimated time to complete the procedure. For minor procedures, include operative site preparation, description of procedures to be performed and estimated duration of the procedure.

Major Procedures

Aseptic preparation of the operative site:

Location and size of incisions:

Suture types used:

Estimated time to complete the procedure:

Minor Procedures

Preparation of the operative site:

Description of procedures to be performed:

Estimated duration of the procedure:

4) Will multiple survival surgeries be performed on any one animal?

☐ Yes ☐ No

If yes, Provide scientific justification for performing these procedures:

5) Describe post-operative care including how often animals will be observed and all drugs (except analgesics) to be administered:

Frequency of observations:

Drugs to be administered:

Section B: Anesthesia/ Analgesia

1) Pre-operative regimen: Include length of withholding food and/or water and drugs administered.

Length of withholding food:

Length of withholding water:

Drugs administered:

2) Anesthetic regimen. List all pre-anesthetic, induction, maintenance and muscle relaxant drugs that will be used. include dosages and routes of administration:

3) Analgesic drugs. Provide drug names, dosages, route and frequency. If analgesic drugs cannot be administered, provide scientific justification for withholding them.

1: _____

2: _____

3: _____

Justification for withholding analgesics (if applicable)

4) Describe the procedures and methods that will be used to indicate that adequate depth of anesthesia is being maintained

Section C:

Animals will have a serious natural or experimentally induced condition, will perceive discomfort, or be subjected to periods of restraint or aversive stimuli.

Procedures that would be expected to cause pain or distress in humans should also be considered painful for animals. Prolonged restraint means the animal is kept confined or immobilized for time periods in excess of those required for administration of treatments or routine handling procedures.

1) Consideration of alternatives. What consideration have you given to refining procedures to be less painful; to using other non-vertebrate species; to using fewer numbers of animals; or to non-animal alternatives?

2) Will the animal's death be used as an experimental endpoint?

☐ Yes ☐ No

If not, list the specific criteria for euthanasia of sick animals:

If the animals cannot be euthanized, please provide a justification:

3) If the animal will have a serious natural or experimentally induced condition, answer the following:

What condition(s) will the animal(s) have?

How will progression of the condition be monitored?

What measures will be taken to alleviate or minimize pain/distress?

Check appropriate spaces below and provide details under comments:

- ☐ Injection of hazardous/toxic substance into a living animal
- ☐ Immunization protocols
- ☐ Prolonged restraint
- ☐ Food/water deprivation
- ☐ Abnormal environment (temperature, humidity, light/dark)
- ☐ Hybridoma protocols
- ☐ Aversive stimuli

Comments:

Section D: Hazardous Materials

If Animals will be exposed to a hazardous material or substance, check the applicable boxes below:

- ☐ Infectious agent ☐ Toxic Chemical ☐ Radioisotope ☐ Carcinogen ☐ Recombinant DNA ☐ Transplantable Cell line
- ☐ Other (list) _____

Describe agent, amount and route of administration

- 1: _____
- 2: _____
- 3: _____

2) List specific safety precautions and procedures for handling animals, including disposal:

3) have the necessary approvals been obtained from:

- Radiation Officer ☐ Yes ☐ No ☐ N/A
- Biosafety Officer ☐ Yes ☐ No ☐ N/A

4) Does any material or drug used in the exercise require a license? ☐ Yes ☐ No

If yes, include a copy of the license

5) What is the expiration date of your license: _____
