

# Application to Use Live Vertebrate Animals in Teaching Arkansas Tech University

Institutional Animal Care and Use Committee (IACUC)

## FOR OFFICE USE ONLY

IACUC Protocol Number:

***IACUC Approval has been granted for the project described in this document***

Original Approval Date:

Approval Period:

-

Start

End

## TO BE COMPLETED BY APPLICANT

- ☐ New Application for Teaching with Live Vertebrate Animals

Name of Course:

Number of Sections Taught:

- ☐ Three-year Renewal for Teaching with Live Vertebrate Animals

Please provide previously assigned and approved IACUC Protocol Number

- ☐ Significant Change to Previously Approved Protocol

Please provide previously assigned and approved IACUC Protocol Number

Significant changes from previously approved IACUC Protocol must be approved and include:

- ☐ Changes from non-survival to survival surgery
- ☐ Changes resulting in greater pain, distress, or degree of invasiveness
- ☐ Changes in housing and/or use of animals in locations that is not part of the Animal Program overseen by the IACUC
- ☐ Changes in Species
- ☐ Changes in Study Objectives
- ☐ Changes in Principal Investigator (PI)
- ☐ Changes that impact personnel safety

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1. **Title of Course:**
2. **Course Instructor:** (If not ATU Faculty, include an ATU Faculty Sponsor in question 4)  
 Name:                                              Department:  
 Work Phone:                                              Email:  
 Cell Phone:                                              After Hours Emergency Phone:
3. **Other Teaching Personnel:** (Please list all personnel with direct animal contact or animal responsibilities. No individual should work unsupervised until deemed competent in task. All animal related training is the responsibility of the Course Instructor.)

Name:

Experience with species listed in Animal Care and Use Procedures?

- ☐ Yes  
☐ No

Responsible for euthanasia following teaching activity?

- ☐ Yes  
☐ No  
☐ N/A

Name:

Experience with species listed in Animal Care and Use Procedures?

- ☐ Yes  
☐ No

Responsible for euthanasia following teaching activity?

- ☐ Yes  
☐ No  
☐ N/A

Name:

Experience with species listed in Animal Care and Use Procedures?

- ☐ Yes  
☐ No

Responsible for euthanasia following teaching activity?

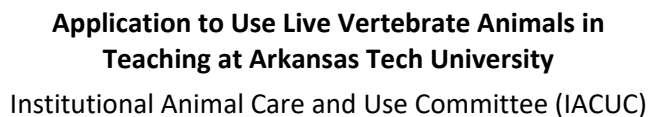
- ☐ Yes  
☐ No  
☐ N/A

**The Course Instructor must approve or oversee the qualifications, training, and safety of all personnel who will be handling animals associated with this course.**

**Mandatory CITI Training: All personnel on this protocol are required to complete the following courses through the CITI program ([www.citiprogram.org](http://www.citiprogram.org)):**

- 1) **Working with the IACUC, Conflicts of Interest, & Biomedical Responsible Conduct of Research**
- 2) **Appropriate species-specific elective course(s) depending on the teaching protocol.**

*Certificates of Training for each required module should be submitted with this application. All personnel completing field research with wild animals (wildlife and/or fish) need to also complete the "Wildlife Research" module. CITI considers fisheries research to fall under the category of "wildlife research", so there is not a separate fisheries research module.*



End

- ☐
- No Funding

☐ Any Age

**7. Number of Animals to be used in Teaching Protocol**

Please estimate the number of animals of each species used in each Humane Use Category

| A. Species to be Used<br>in Teaching Protocol<br>(Common Name) | B. Animals bred,<br>conditioned, or held<br>for Teaching Protocol | C. Procedures<br>involving no pain,<br>distress, or use of<br>pain-relieving drugs | D. Procedures involve<br>pain or distress, but<br>anesthetics or<br>tranquilizing drugs are<br>used | E. Procedures involve<br>pain or distress, and no<br>anesthetic, analgesic, or<br>tranquilizing drugs can be<br>used * |
|----------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|                                                                |                                                                   |                                                                                    |                                                                                                     |                                                                                                                        |
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\*: Category E procedures are not permitted in teaching laboratories.

**8. Rationale for Animal Usage**

What is the rationale for the animal usage specific to this teaching protocol and how the relative number(s) for this teaching protocol were determined (number(s), stock/strain, sex, weight/age, and other specifications listed above).



|                        |       |     |
|------------------------|-------|-----|
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**Section 2: Permits and Animal Sourcing**

2.1 Are special permits required for the target taxa?

- ☐ No
- ☐ Yes (*Submit a copy of any approved permits or pending permit applications with this IACUC Application*)

| Permit Information |             |                  |              |
|--------------------|-------------|------------------|--------------|
| Permitting Agency  | Permit Type | Status of Permit | Permit Dates |
|                    |             |                  |              |
|                    |             |                  |              |
|                    |             |                  |              |
|                    |             |                  |              |

2.2 Please describe the sourcing of all animals to be used in this Teaching Protocol.



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### Section 3: Animal Procedures

3.1 Please provide a concise description of the proposed procedures that involve the use of animals in this project. Where appropriate, this section should clearly identify specific procedures intended to minimize pain such as anesthetic, analgesic, or tranquilizing drug application if utilized. Please cite the appropriate references for all methods used. *Note: An annual report of the actual number of animals collected by species must be provided to the IACUC.*

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### 3.2 Surgical Procedures (Describe below)

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### 3.3 Non-surgical Invasive Procedures (Describe below)

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### 3.4 Non-surgical Non-invasive Procedures (Describe below)

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3.5 Post Course Fate of Animals: Describe the **final disposition of the animals used in the course**. If euthanasia is planned, specify the method and the individual(s) responsible for performing euthanasia techniques. Euthanasia must be consistent with the recommendations of the [American Veterinary Medical Association \(AVMA\) Guidelines for the Euthanasia of Animals](#). If not, describe the method and provide a scientific justification for the deviation.

- ☐ Return to wild/flock/herd/collection
- ☐ Food animal processing
- ☐ Food animal sale
- ☐ Euthanasia (Describe below) *Does not include unexpected event requiring euthanasia.*

|                      |
|----------------------|
| Method of Euthanasia |
|----------------------|

3.6 Disposal of Remains

- ☐ Incineration
- ☐ Composting
- ☐ Rendering
- ☐ Added to Museum Collection
- ☐ Other (describe below)

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3.7 If an animal becomes seriously ill or injured, specify the criteria or criterion you will use to determine if, and when, euthanasia will be used to relieve suffering.

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