

Application to Use Live Vertebrate Animals in Field Research Arkansas Tech University

Institutional Animal Care and Use Committee (IACUC)

FOR OFFICE USE ONLY

Questions and completed forms should be submitted to the ATU IACUC at iacuc@atu.edu.

IACUC Protocol Number:			
IACUC Approval has	been granted for the project	described in this docu	ıment
Original Approval Date:	Approval Period:	-	
		Start	End
TO BE 0	COMPLETED BY APPL	LICANT	
☐ New Application for Field Ar	nimal Research		
☐ Three-year Renewal for Field	d Animal Research		
Please provide previous	ly assigned and approved IACL	JC Protocol Number	
☐ Significant Change to Previo	usly Approved Protocol		
Please provide previous	ly assigned and approved IACL	JC Protocol Number	
_	n previously approved IACUC F	Protocol must be	
approved and include:	unival to cunival curgony		
	urvival to survival surgery greater pain, distress, or degi	ree of invasiveness	
	and/or use of animals in locat		f the
Animal Program ove		•	
☐ Changes in Species			

☐ Changes in Study Objectives

□ Changes in Principal Investigator (PI)□ Changes that impact personnel safety



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1.	Title of Project:					
2.	Principal Investigator/Project Director: (If not ATU Faculty, include an ATU Faculty Sponsor in question 5)					
	Name:	Department:				
	Work Phone:	Email:				
	Cell Phone:	After Hours Emergency Phone:				
	Work Address (if not ATU Faculty):					
3.	Co-Investigator/Project Director: (List any ATU Grade Faculty Sponsor in Question 5.)	uate Student(s), if any. If not ATU Faculty, include an ATU				
	Name:	Department:				
	Work Phone:	Email:				
	Cell Phone:	After Hours Emergency Phone:				
	Work Address (if not ATU Faculty):	ritter riodis Emergency i none.				
4.	Contact Person for Issues with Paperwork:					
	□ Principal Investigator/Project Director□ Co-Investigator/Project Director□ Other (details provided below)					
	Name:	Department:				
	Work Phone:	Email:				
	Cell Phone:	After Hours Emergency Phone:				
	Work Address (if not ATU Faculty):					
5.	ATU Faculty Sponsor: (Required if PI/PD is not an ATU □ N/A	J Faculty Member)				
	Name:	Department:				
	Office Location:	Office Phone:				
	Cell Phone:	Email:				
	After Hours Emergency Phone:					
6.	Qualifications and Training of Research Personnel Qualification of the PI(s): PhD					

MS

BS

Other (provide details below)



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7. Training: The PI must approve or oversee the qualifications, training, and safety of all personnel who will be handling
animals associated with this research. Mandatory CITI Training: All personnel on this protocol are required to complete
the following courses through the CITI program (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 research 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.

	separate fisheries research module.							
8.	Funding Sources: Describe all funds for which you plan to apply, have pending, or have received Intramural Funding (e.g.: Departmental Funds, Undergraduate Research Funds, personal funds, donors/gifts)							
	☐ Extramural Funding (List Source):							
	☐ No Funding							
	Please List all ATU Identification Numbers of Funding Utilized							
	Index	Fund	Org	Account	Amount	Description		

9. Project Period

10. Site Locations



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11. Number of Animals to be used in Agriculture Research

*: Category E procedures will require further justification in Section 3.

A. Species to be Used in Research Protocol (Common Name)	B. Animals bred, conditioned, or held for Research Protocol	C. Procedures involving no pain, distress, or use of pain-relieving drugs	D. Procedures involve pain or distress, but anesthetics or tranquilizing drugs are used	E. Procedures involve pain or distress, and no anesthetic, analgesic, or tranquilizing drugs can be used *

Define the animals (stock/strain, sex, weight/age, etc.) and explain how the relative numbers were determined justify the

number of animals to be used.		



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,	Approval Period:	Start	-	Fnd	

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Section 1: Project Relevance/Justification/S	/Svnops	SÍS
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•	ig an alternative me	Juer (e.g. III vicio, coi	npututional modely sin	
t		t be accomplished using an alternative mo	t be accomplished using an alternative model (e.g. in vitro, cor	the specific justification for the use of live vertebrate animals to explain why the property of the accomplished using an alternative model (e.g. in vitro, computational model/simeals, or others).



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No				
Yes (Submit a copy of			it applications with this I	ACUC Application)
		nit Information		
Permitting Agency	Permi	t Type	Status of Permit	Permit Dates
lescribe the sourcing of a	all animals to be used in	this research:		



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Section 3: Animal Procedures

3.1 Please provide a concise description of the proposed procedures that involve the use research/project. Where appropriate, this section should clearly identify specific prominimize pain such as anesthetic, analgesic, or tranquilizing drug application if utilize appropriate references for all methods used. <i>Note: An annual report of the actual number species must be provided to the IACUC</i> .	cedures intended to ed. Please cite the
3.2 Surgical Procedures (Describe below)	
3.3 Non-surgical Invasive Procedures (Describe below)	
3.4 Non-surgical Non-invasive Procedures (Describe below)	



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3.5	Post Research Fate of Animals: Describe the final disposition of the animals used in the research. 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 <u>American Veterinary Medical Association (AVMA)</u> <u>Guidelines for the Euthanasia of Animals</u> . If not, describe the method and provide a scientific justification for the deviation. Return to wild/flock/heard/collection Food animal processing Food animal sale Euthanasia (Describe below) <i>Does not include unexpected event requiring euthanasia</i> .
	Method of Euthanasia
	Wiethod of Editionals
3.6	Disposal of Remains
	☐ Incineration☐ Composting
	☐ Rendering
	☐ Added to Museum Collection
	☐ Other (describe below)
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.
	when, euthanasia will be used to relieve surfering.



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Field Research	Approval Period:		-
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	Start		End	

Section 5: Statement of Compliance

ement of Con	npliance
individual res	ponsible (Principal Investigator/Project Director) for this research protocol:
 Th Te Th ha Th us Th 	nat I have completed all required training modules. (Listed on Page 3, Number 7) hat all individuals involved with animal use in this research protocol will complete the quired training. Hat all individuals involved in this research protocol will be instructed in the humane care, and lind, and use of animals prior to any participation in this research protocol. Hat I will review the required training and qualifications of all individuals involved with animal e prior to any participation in this research protocol. Hat the wellbeing of the animals used in this study has been considered in the designing of its research protocol.
2. 3.	Not to proceed with any portion of this research protocol, including the purchase of animals, until I receive written approval from the Arkansas Tech University Institutional Animal Care and Use Committee (ATU IACUC). That no substantive change(s) will be made in items contained in this proposed research protocol without prior written notification to and approval by the ATU IACUC. To allow inspection of my research facilities by members of the ATU IACUC and the Animal Welfare/Attending Veterinarian and to comply promptly if informed of any violation of the Arkansas Tech University Policy on Animal Care and Use.
t 2. I i	tand: That failure to comply with the above may, ultimately, lead to revocation of my privileges to conduct animal research at Arkansas Tech University. It is unlawful to begin work until the required state and/or federal permits have been ssued for this research, and that the IACUC may request copies of all permits for the administrative record.