

PU-IACUC-Assigned no. _____

Pepperdine University
Institutional Animal Care and Use Committee (IACUC)

**Request for Use of Animals
RESEARCH**

Instructions: This form is to be used for all research endeavors using animals.

Principal Instructor: _____

Office phone: _____ Home phone: _____

Associates (students, staff or other persons) authorized to assist with this protocol for whom you request access to appropriate animal care facility:

Name	Faculty	Staff	Student	Other	If other, state position	Available medical insurance?	Completion of health check

Research Project Title: _____

Inclusive dates of project: From _____ To _____

Funding source: _____ Dept. Funds, _____ NSF, _____ NIH, _____ other (specify)
If federally funded, please provide the award number.

Research Project Summary

1. State the specific aims and significance of the research project (in non-specialist terms). State the purpose of the proposed activities and their potential value with respect to human or animal health, the advancement of knowledge, or the good of society.
2. Describe previous related research for this project to justify conducting this work (in non-specialist terms). Include a bibliography (attach additional sheets if necessary).
3. If this is an application to renew a previously approved research protocol, please describe progress on the project, including publications and professional presentations to date.

4. Number and species of animals to be used:

<u>Number</u>	<u>Species</u>
_____	Fish: _____
_____	_____
_____	_____
_____	Amphibians: _____
_____	_____
_____	_____
_____	_____
_____	Reptiles: _____
_____	_____
_____	_____
_____	_____
_____	Mammals: _____
_____	Mice (<u>Mus musculus</u>)
_____	Rats (<u>Rattus</u>)
_____	Other (please specify)
_____	_____
_____	_____

Above number is per: _____ Fall term _____ Spring term _____ Summer, _____ year (please check)

a. State/Federal licenses/permits required: Please describe and give expiration date(s):

b. How will the animals be acquired? If bought, include information about where the animals will be sourced from. If collected from the wild, include information on how they will be caught and transported.

c. Provide dates animal(s) will be housed:

- d. Provide location of where animal(s) will be housed:
 - e. Describe how animal(s) are cared for during weekends.
 - f. Provide the rationale used to select the species requested. Explain why the anatomy, physiology and/or natural history of the species selected is the most suitable to meet the scientific or educational objectives.
 - g. Include justification for the exact number of each species of animals. Please include ethical justification, including experimental design sample sizes as it relates to statistical power. If this is a pilot study, provide justification for the likely reduced number of animals and how this study will support further research using these species.
 - h. If this study has been done before (here or elsewhere), please justify from the literature why duplication of this project is necessary.
5. Describe any special conditions or handling requirements which are anticipated. What training is required for any special handling or conditions?

6. Describe the methodology that is directly connected with animal use. You may attach a copy of the specific methods as described in a research proposal. Your description should include the experimental or demonstration conditions (including control conditions), the number of animals in each condition and the dependent variable(s) to be measured. For studies involving tissue harvest include the amount of tissue needed per assay, the number of animals needed to provide tissue for each assay, and the number of assays projected per year.

7. Where will the project be performed (e.g., specify rooms)?

8. Will special restraint systems be utilized (e.g., harness, sling, chamber, etc.)? Please cite original research supporting use of these methods?

a. What is the estimated duration and discomfort to animals?

9. Will a surgical procedure be involved? ____ Yes ____ No

a. Describe the surgical procedure.

b. What anesthetic will be used for surgery?

c. How much (mL/g) of anesthetic is used per animal and how often?

d. Who holds the license for this anesthetic?

e. Where is the usage log for the anesthetic maintained?

f. Is the usage log in a locked cabinet?

10. Will the project involve any pain or discomfort to the animals?

11. Will the project be terminal for the animals?

_____ No _____ Yes

a. If yes, how will the animals be euthanized?

b. If the animals are native to a local ecosystem, what are the plans for their return to the ecosystem? Please include justification of their euthanization OR return to the environment from the literature.

12. Does the project involve the use of hazardous agents that pose a threat to animals or laboratory personnel (e.g., infectious agents, carcinogens, toxic chemicals, radioisotopes, etc.)

_____ No

_____ Yes, describe below.

a. How will the hazardous agents be disposed of? How much is being disposed?

13. What alternatives to this use of animals have been considered and why are these alternatives unacceptable? (The responsible use of animals can be justified as humane if alternatives are insufficient and unacceptable. Three alternatives should be considered: 1: Refinement--can procedure be modified to reduce the amount of animal pain or distress? 2: Reduction--is the minimum number of animals being used to obtain valid results? 3: Replacement--are there alternative animal models that would endure less stress or pain than the present models? are there computer simulations that would adequately substitute for live animals?) Federal regulations require that instructors/investigators consider alternatives to procedures that cause more than momentary or slight pain or distress to animals.

14. Please certify that the following will be completed prior to commencing the project:

_____ All personnel involved in this project have completed the Occupational Health and Safety Questionnaire. Copies of this questionnaire have been submitted with the application

_____ All personnel have completed the CITI training modules

_____ All personnel have read and understood the applicable specific training documents

_____ Amphibians

_____ Goldfish

_____ Mice

_____ Rats

_____ Reptiles

_____ Zebrafish

_____ Guidelines for Anesthesia

I have read the Policies Regarding the Use of Animals in Education and the Guidelines for Animal Care and Use and will conduct my research project in compliance with the Guidelines of the State and Federal Animal Welfare Acts and College Policy.

Principal Investigator: _____

Date _____

Divisional Dean: _____

Date _____

The Pepperdine IACUC has met and reviewed _____
(investigator's name) request to use animals in a scientific investigation.

Permission to use animals is...

_____ Granted

_____ Conditionally Granted
List of points to address in resubmission.

_____ Denied for the following reasons:

IACUC Chair

Date