



*Purpose: PI should complete this form prior to using live vertebrate animals in teaching activities. The completed form should be submitted to the Institutional Animal Care and Use Committee (IACUC).*

**1 PI/PI Information**

PI First Last Name:	Title:	Department:	email:
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**2 Course Information**

Course Title	Course #	Course Term(s) (e.g., Fall 22)
Course Summary		
Specific course objectives		

**3 Vertebrate Animal Information**

Animal species to be used	Number of animals per course	Ratio of student/animals?
What are the characteristics of this animal that led to its selection?		

**4 Justification for Use of Animals**

1. What course objectives will be satisfied by the use of animals?
2. Justify the need to use live animals versus alternative methods (e.g., computer simulation, tissue culture).
3. Provide a justification for the number of animals needed
4. Explain the goal for the teaching project involving animals as you would to a general audience. How will it benefit society, the environment and/or the advancement of knowledge in the context of this course?
5. If a student refuses to work with animals on moral grounds, will an alternative be available? (Video, simulation, demonstration). Please describe.

## 5

Animal Care and Use	YES	NO
1. Will students handle live animals?		
2. Will non-surgical procedures (i.e., injections, blood collection, behavioral tests, imaging etc.) be performed? If yes, describe the procedures to be performed.		
3. Will surgeries be performed? If yes, described the surgical procedures to be performed. Include the planned measures to ensure asepsis (e.g., surgical site preparation, instrument sterilization, etc.) and operative anesthesia. In addition, describe the immediate and post-operative care.		
4. Will anesthetic be used? If yes, provide details of anesthetic procedure, post-operative analgesia, and post-operative care. Include information on choice of anesthetic, dose rate, how anesthetics will be administered, methods of maintaining sterility, and monitoring of animal.		
5. Will potentially hazardous agents (such as bacteria/virus/vectors, carcinogenic agents) be used? If yes, describe protective measures and training provided and has this been approved by the Institutional Biosafety Committee?		
6. Will the animals be euthanized after the teaching project is completed? o If yes, explain the euthanasia protocol, If no, describe plan for disposition of animals		
7. Describe the manner in which the animals will be housed. If the animals will be housed singly, please provide justification.		
8. Describe how the animals will be cared for, including information about who will be taking care of feeding, cleaning, etc. and how they will be monitored.		
9. Describe the laboratory exercises involving use of animals. If applicable, provide the full citation of source from which exercise(s) originated. Please clarify who is performing each procedure (e.g. the PI, teaching assistant, or the students). If more than one procedure is proposed, please list the procedures and describe each one. Attach additional pages as necessary.		

**6 Instructor Information**

Please provide the names of individuals who will be responsible for teaching and supervising animal procedures.

Describe relevant qualifications and experience of those who will be responsible for teaching and supervising the animal procedures.

**7 Student Training**

Describe the students' relevant experience (e.g. prerequisite courses or training), and the nature of direct supervision they may receive. Who will provide this training?

What direct training will students receive before handling animals?

Please explain how students will be educated on research ethics principles and issues relevant to animal care and use, and whether there is a dedicated research ethics component to the course.

Will students be required to complete relevant CITI training modules?                      Yes      No

Please attach a copy of the laboratory exercise handout for students, if applicable.

**8 Additional Information**

Please provide any additional relevant information for the IACUC's consideration

**9 PI Certifications**

By signing below, I confirm that I will comply with all applicable regulations and guidelines for animal care and use, including but not limited to Lewis & Clark College's [Animal Care and Use in Research and Teaching Policy](#). I will follow the guidelines and instructions of the Institutional Animal Care and Use Committee (IACUC), and notify the IACUC of any proposed changes prior to implementation. I will take full responsibility for this protocol, make sure that all individuals involved understand the procedures in the protocol, and confirm that all participants will be qualified and appropriately trained for the species used.

PI First Last Name	PI Signature	Date
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**10 IACUC Review (this section to be completed by IACUC)**

Type of Review: If other: explain below	Date received by IACUC	Date reviewed by IACUC	IACUC decision:	New Protocol # (if applicable)
				New Protocol start date
				New Protocol expiration date
Notes for IACUC use only:				
IACUC Chair First Last Name		Chair Signature		Date