**Protocol Title:** Click here to enter text. **Protocol Number:** protocol number.

**Principal Investigator:** Enter name here. Phone: ( ### ) ###-####. E-Mail:Enter ISU email.

**Principal Investigator:** Enter name here. Phone: ( ### ) ###-####. E-Mail:Enter ISU email..

**1. Budget Support Changed?**

Not Applicable/No Change

New Account Index to be charged: New Index.

**2. Significance, Rationale, and Assurance of 3 R’s**

1. Any changes to the purpose or rationale for animal use in this project?  
     No  Yes, if so, explain: Explain changes here.
2. Updated Literature Search – indicate which of the following were searched (at least two): listed databases or list other sources, other databases, colloquia, consultations with experts:

Animal Welfare Information Center National Agriculture Library  
Medline Library of Congress AltWeb PubMed Other source(s): List other sources used here.

1. List keywords or search terms employed (minimum of five): Click here to enter search terms.
2. Date search(es) were performed: Enter dates here MM/DD/YY.
3. Date range(s) searched: Enter dates here MM/DD/YY to MM/DD/YY.
4. Summarize your search results, specifically indicating If new methods for replacement, reduction, or refinement were found : Click to enter in one or two sentences.

**3. Specific Protocol Type –** *pick type of protocol in use and answer the question for it.*

Field Protocol – for protocols involving field work

* 1. Any changes in field procedures?  No If  Yes, then explain: Click to enter explanation.
  2. How many animals were used (i.e., trapped, collected or observed) in the last year?
  3. How many animals are planned to be used this year? # of animals.

Teaching – for protocols involving Teaching Labs

a. Any changes in teaching methods/ procedures?  No If  Yes, then explain: Click to enter explanation.  
b. Any changes in care of the animals? ☐ No If ☐ Yes, then explain: Click to explain changes.

c. How many animals were used last year? # of animals.

d. How many animals are planned to be used this year? # of animals.

Laboratory Research

a. Any changes in care of the animals?  No If  Yes, then explain: Click to explain changes.

b. Any changes to the procedures?  No If  Yes, then explain: Click to explain changes.  
 c. How many animals were used last year? # of animals.

d. How many animals are planned to be used this year? # of animals.

**4. Adverse Effects**

1. Humans.

a. Have any study personnel sustained an injury related to the protocol since the last annual review?  No If  Yes, then explain: Click to enter explanation.

1. Animals.
2. Have any adverse events occurred related to the study that involve animals?  No If  Yes, then explain: Click to enter explanation.

If yes, were these documented with the Attending Vet or IACUC?  No If  Yes, refer to dates when documentation was submitted IACUC. If No, please explain here how adverse effects were handled. Click to enter requested information

**5. Amendments**

a. Have you submitted amendments to the IACUC within the last year?  No  Yes

b. Have you had amendments approved by the IACUC in the last year?  No  Yes

c. Would you like to submit any information from this annual review as an amendment using this form?  No If  Yes, please choose the amendment type below. You may copy and paste information from the above report, but please be sure to add a **justification** for each change to your protocol. The IACUC needs to approve the amendment before the new work can take place:

**Minor** Amendment: Changes within 10% of original number of approved animal count; or to add personnel.

**Major** Amendment: Changes greater than 10% of animal numbers; procedural changes or pain increase

**CHANGE/ADDITION:** (mark all that apply and include rationale for each change)

a. Animal Use Procedures Ex: change/addition of species, surgery plan, blood withdrawal, anesthesia, analgesia, euthanasia.

b. Animal Care Procedures Ex: change/addition of housing or procedure room, daily husbandry, caging, light cycle, etc.

c. Personnel on Project Ex: change/addition of persons working on the project – All training and paperwork must be completed and on file in the Animal Care Facility before working with the animals.

d. Species/Groups: List all changes to the approved species, groups and/or counts and rationale for change(s)

List changes here. : Click to enter explanation.

e. Procedures: List all changes to the procedures and/or personnel assigned to conduct specific procedures. Include a justification

List changes here. : Click to enter explanation.

f. Investigators/Study Personnel: List any new and removed/replaced personnel (name and responsibility)

List personnel changes here and submit required paperwork for each person.

g. Will this amendment increase pain and/or distress? How will you mitigate these factors?

☐ Yes: Explain and justify, here. ☐ No

h. Any additional details or explanations for requested amendment?: Enter 2-3 lines here, or add pages.