**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.