

Vertebrate Animals: (requires Vertebrate Animal Form (5A))

- **Potential Alternatives:** Can this data be obtained without experimenting on animals? Did you consider or research the potential of using any non-vertebrate organisms? Briefly discuss POTENTIAL ALTERNATIVES to your experiment and present a detailed justification for use of vertebrate animals in your project.
 - Remember that the use of animals in your experiment must take into account the **ethical** treatment of the subject animals.
- **Value:** Explain the potential value, impact, or contribution this research may have. You must justify that your project is worth the potential risks to your animal subjects.
- **Methods:** Describe in detail all procedures to be used involving the care and handling of the animal subjects.
 - Describe the number of animal subjects, including species, strain, sex, age, etc.
 - Include justification for the number of subjects planned for the research.
 - Describe housing and oversight of daily care.
 - **Be sure to justify your animal care techniques by citing a species-specific animal care handbook, as well as consultation with an animal care professional. Both of these resources MUST be included in your bibliography.**
 - Include methods used to minimize potential discomfort, distress, pain and injury to the animals during the course of experimentation.
 - Describe in detail any substances that must be administered to the animal subjects, including special ingredients, chemical concentrations and drug dosages if applicable.
 - Be sure to document that you consulted an animal care professional. **(Requires an official form as well.)**
- **Disposition:** Discuss humane disposition of the animals at the termination of the study. In other words, what will become of the animal subjects after your experiment is over? **Remember to focus on the ethical treatment of the subject animals.**