

ANIMAL STUDY PROPOSAL FORM

KNOX COLLEGE

In order to receive federal funding for research using animals, institutions need to file an Animal Welfare Assurance with the Office of Laboratory Animal Welfare (OLAW) of

Assurances and/or statements required in written proposals:

All proposed animal activities

Rationale for using animals

Rationale for species and number of animals is provided

Procedure does not unnecessarily duplicate previous experiments.

Animals' living conditions are appropriate.

Medical care is available for the animals.

Qualified and trained personnel are involved with procedures.

Description of how discomfort, distress, and pain are minimized.

Complete description of method of euthanasia if applicable

Painful procedures

Alternative procedures have been considered and they are not adequate for objectives.

Preoperative and postoperative care have been carefully considered.

Survival surgery is conducted aseptically in dedicated facilities.

If used in two major surgeries, animal is not allowed to recover (unless justified)..

Use of proper drugs for relief of pain/distress.

No paralytics without anesthesia.

Attending veterinarian is involved in planning.

ADMINIST

## RATIONALE FOR ANIMAL USE

- \* Explain your rationale for animal use, including why non-animal models cannot be used.
- \* Justify the appropriateness of the species selected. [The species selected should have the least complex cognitive abilities possible.]
- \* Justify the number of animals to be used. [The number of animals should be the minimum number required to obtain statistically valid results.]

## DESCRIPTION OF EXPERIMENTAL

## EXPLANATION OF EXPERIMENTAL DESIGN AND ANIMAL PROCEDURES

## FIELD STUDIES

If animals in the wild will be used, describe how they will be observed, any interactions with the animals, whether the animals will be disturbed or affected, and any special procedures anticipated. Indicate if Federal permits are required and whether they have been obtained.

## PERSONNEL TRAINING

List personnel who will perform procedures with animals and indicate their qualifications via training and experience performing these procedures.