

**ANNUAL REPORT
2007-2008**

**Animal Care and Use Committee
University of North Alabama
Florence, Alabama**

Thomas M. Haggerty 2007-2008 Chair, Animal Care and Use Committee

Title and name of Committee

August 17, 2008

Date Submitted

SUBMITTED TO: George Makowski, Shared Governance Committee Chair

I. The Executive Summary

In 2007-2008, the UNA Institutional Animal Care and Use Committee (IACUC) reviewed and approved one research application that involved the use of vertebrate animals (application submitted by Dr. Glen Marvin). Members of the committee (Haggerty and Hudiburg) toured the UNA lions housing facility to examine the procedures used to administer the proper care for the lion mascots. No change in the committee's charge is recommended at this time.

II. The Committee's Charge

1. To review compliance with and administer the Public Health Service Policy on the Care and Use of Laboratory Animals.
2. To examine the Public Health Service Policy on the Care and Use of Laboratory Animals annually for policy changes.
3. To propose changes in University practices relating to laboratory animals.

III. Committee Meetings

The Committee [Dr. Gabriela Carrasco, Dr. Thomas Haggerty (Chair), Dr. Pricilla Holland (ex officio), Dr. Richard Hudiburg and Dr. Terry Richardson] carried out the committee's charge thorough the exchange of electronic mail.

IV. Committee Actions and Accomplishments

The new forms for evaluating research using vertebrate animals in laboratories were used for the first time (Appendix 1). This new documentation insures that vertebrate animals used by faculty, staff and students for research are treated with respect and are cared for humanely and safely. The new documentation applies to Public Health Service (PHS) supported projects, as well as other research-supported activities (e.g., UNA research grants, state supported grants) that use vertebrate animals. The policy insures that UNA is following the rules and regulations published in the *Public Health Service Policy on Humane Care and Use of Laboratory Animals*, the *Guide for the Care and Use of Laboratory Animals*, and the Animal Welfare Act.

Dr. Dan Howard gave the committee a tour of the UNA habitat for the mascot lions in December 2007. The tour indicated that the lion facility and care given to the lions are maintained at a very high standard. The committee was told that federal inspectors carry out unannounced inspections yearly.

To carry out the charge of the IACUC, forms have been created and revised (Appendix)

V. Formal Recommendations

- Approve the revised policy and forms so that the charge of the IACUC can be carried out consistently and efficiently.
- No change in the committee's charge is recommended at this time.

VI. Future Objectives

- Elect a new chairperson for IACUC for 2008-09 academic year.
- Review research proposals that involve the use of vertebrate animals in the laboratory.
- Inspect the facilities of those projects that have been approved by the IACUC using forms B and C.

Appendix – Revised and recommended “Animal Welfare Policy of the University of North Alabama”, and Forms A, B, and C to carry out charge of IACUC.

Animal Welfare Policy of the University of North Alabama

A. Introduction

It is the policy of the University of North Alabama (UNA) that the vertebrate animals that are used by faculty, staff and students of UNA for research are treated with respect and should be cared for humanely and safely. To insure that the UNA policy for the humane and safe treatment of animals is met by all of its personnel, the president of UNA has established the UNA Institutional Animal Care and Use Committee (IACUC). The IACUC has the responsibility and the jurisdiction to oversee all vertebrate animal care and use at the University. Below are procedures and guidelines that should be followed by all university faculty, staff and students that are using vertebrate animals for research associated with UNA. To establish the UNA guidelines and procedures for the humane and safe treatment of animals, the UNA IACUC has relied on the rules and regulations published in the *Public Health Service Policy on Humane Care and Use of Laboratory Animals*, the *Guide for the Care and Use of Laboratory Animals*, and the *Animal Welfare Act*.

B. Specific responsibilities of the institutional animal care and use committee of the University of North Alabama.

1. Review all forms that request approval by the IACUC for the use of vertebrate animals for research at UNA.
2. Review and investigate all complaints concerning the welfare and use of animals by faculty, staff and students at UNA.
3. Inspect all facilities that are used to house vertebrate animals for research

C. Procedures for obtaining approval for the use of vertebrate animals for research from the IACUC.

1. Any member of the faculty, staff or student body at UNA that plans to use vertebrate animals for research are required to complete and submit for approval to the IACUC a UNA Research Animal Welfare and Use Form (**Form A**). Approved proposals shall cover the use of animals in these research activities for three years.

D. Procedures for reviewing and investigating all complaints concerning the welfare and use of animals used by faculty, staff and students for research, teaching, or exhibition at UNA.

Any person concerned about the humane treatment and welfare of animals that are used for research, teaching, or exhibition at UNA can file a complaint with the UNA IACUC. Complaints can be submitted by mail (to Dr. Thomas M. Haggerty, IACUC Chairperson, Box

5182, UNA, Florence, Alabama 35632), by e-mail (tmhaggery@UNA.edu) or by telephone (256-365-4432). When filing a complaint, include the following information:

- a) Your name, address, phone number, e-mail.
- b) Time, date, location of alleged incident.
- c) If known, the name(s) of people involved with the alleged incident.
- d) A brief description of the alleged incident.

The identity of a person or persons making a complaint is kept strictly confidential.

E. Procedures for the inspection of all facilities that are used to house vertebrate animals for a period over 24 hours.

1. Any facility that houses vertebrate animals for a period of 24 hours on a continuous basis must complete and submit a *UNA Animal Welfare and Use Housing Form (Form B)*. An approved *Form D* allows the facility to house animals for a period of three years, subject to routine inspections two (2) times a year, unless changes to the facilities or types of animals in the facility occurs.
2. The UNA IACUC will maintain a list of all sites and locations housing animals that are inspected. Inspections will be unannounced and occur once a year. Site inspections will use *UNA Animal Welfare and Use Housing Inspection Form (Form C)*. Completed inspection forms should be displayed at the facility in a prominent location.

****This application must be submitted on a new complete form every three years, more often if changes are made to the protocols.**

4) TRAINING/EXPERIENCE DOCUMENTATION: Provide the names of all faculty, co-investigators, students, and staff who will have direct animal contact. Specify those persons performing anesthesia and surgery. For each person, briefly state their experience/qualifications to perform the procedures described within this application, or how training will be obtained if needed.

5) PURPOSE OF PROPOSED RESEARCH PROJECT: Please provide a brief statement outlining the purpose of the research project and the animal use in it.

6) RATIONALE AND BACKGROUND: Briefly describe the experimental methods.

7) PERMITS: If applicable, will the appropriate collecting permits be obtained?

YES NO

8) ASSURANCE OF NEED:

Does the proposed work duplicate previous research? YES NO

9) ANIMAL USE AND JUSTIFICATION OF USE:

Species

Total for Project

Source of Animals

Housing Location

Use Areas

If wild animals are used, describe how they will be captured.

Describe the characteristics of the animals that justify their use in this study and how the number of animals needed was determined.

Are all handling practices standard?

Yes No

If no, describe all deviations from standard procedures and practices.

e.g. prolonged restraint is not considered a standard practice and must be justified.

10) DISPOSITION OF ANIMALS:

Return to Colony

Return to Wild

Transfer to Different Project

Title of Different Project

Harvesting for Additional Use

Describe How the Animal will be killed:

Please Explain Additional Use

List the Name, Address, and Phone number of Rendering Company.

Name of Rendering Co.

Street

City

State Zip Code

Phone Number(Area Code)

E-Mail Address

Euthanasia

Must be an approved method as listed in JAVMA 2000 vol. 5, pp. 670-679:

- Lethal injection using a commercial solution at the recommended dosage*
(Succomb, Euthol, Beuthanasia-D)
- Inhalation of anesthetic gases (e.g. isoflurane)
- Inhalation of carbon dioxide (rodents, birds, amphibians)
- Physical method (cervical dislocation, decapitation).
- Other. Explain and justify.

If euthanized, how/where will animals be disposed?

11) EXPERIMENTAL MANIPULATIONS:

Yes answers to the following questions require additional sections to be completed.

- | Yes | No | Situation |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will surgery be performed? If yes, complete Section A. |
| <input type="checkbox"/> | <input type="checkbox"/> | Will anesthetics be administered? If yes, complete Section B. |
| <input type="checkbox"/> | <input type="checkbox"/> | Will animals have a serious or experimentally-induced disease, perceive pain and discomfort, or be subjected to prolonged restraint or aversive stimuli? If yes, complete Section C. |

UNA INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
ANIMAL CARE AND USE APPLICATION - **ANIMAL HOUSING (FORM B)**

1) Colony/Housing Supervisor

Name

Department

Campus address

Campus phone number Email

Rank: Faculty Student

If student, name of supervisor

Address and phone number of supervisor

Project status: new **renewal

2) Colony/Housing Location:

3) Number and species of each animal held:

| Species | Number | Source |
|---------|--------|--------|
|---------|--------|--------|

Completion and signing of this form are the responsibility of the faculty/staff member in charge. Completion of the approval process will fulfill Public Health Service and USDA Animal Welfare Act requirements, and will serve to remind users and the public of UNA's commitment to humane care and use of animals.

In signing this form, I assure that discomfort and injury to animals will be avoided. I assure animals will be given adequate water and food. The living environment will be cleaned and maintained on a regular basis. I will consult with a veterinarian or euthanize the animal when an animal becomes seriously ill. I will immediately notify the IACUC of any serious illness in my colony. I further assure that licenses and permits for collecting wild animals (if appropriate) have been obtained and are attached to this document. I agree to comply with all UNA IACUC policies, procedures, all applicable state, and federal laws governing animal welfare.

Faculty/Staff Member _____ Date _____

For IACUC USE ONLY: Approved Disapproved

IACUC CHAIR/Authorized signature _____ Date _____

Attending Veterinarian (large mammals and birds only) –

_____ Date _____

This application must be submitted on a new complete form every **three years, or more often if changes are made to the facility or species of animals held.

4) Briefly describe feeding and watering schedules for each species.

5) Indicate the maintenance schedule for cleaning of cages, tanks, etc. for each species.

6) Give name/names of personnel responsible for feeding and maintaining animal facilities as of the date this form is signed. Briefly describe prior experience of these individuals or training these individuals will receive.

7) Veterinary Care: Name of Veterinarian (include: address and phone number) who will be contacted in case of an animal emergency (large mammals and birds only).

8) Provide an emergency plan for your colony. This should include handling of the animals in case of power failure, natural disaster etc., that would result in any danger to the animal's welfare.

9) Include emergency phone numbers of faculty and/or staff responsible for the colony. Also, include phone numbers of knowledgeable backup persons. The animal colony must be covered 24 hours a day, seven days a week including University holidays. (This information will be provided to the UNA Public Safety office for their use in case of an emergency). If none of the emergency contact individuals are available, Public Safety will contact the Dean of your college along with a local Veterinarian to address the emergency. The faculty member responsible for the colony will be financially accountable for any or all veterinarian charges and/or related charges.

UNA Institutional Animal Care and Use Committee Inspection Form (Form C)

University Representatives
(Chair) *Arts and Sciences*
Arts and Sciences
Arts and Sciences
Arts and Sciences

Nonaffiliated Representatives if applicable
_____ *Veterinarian*

Copies of all inspection forms should be on display in each lab facility.

Disposition of facility inspection form: Original- Assoc. Vice President for Research and Sponsored Programs. Copies: Institutional Animal Care and Use Committee, Dean of respective College, Chair of department whose faculty is conducting the research, and faculty conduction or supervising research.

Date of Inspection:

Inspection site:

Building name:

Room number:

Person in charge of lab:

Supervisor(s):

Department Chairman:

Ratings: 1. Acceptable

2. Acceptable, with modifications

3. Unacceptable, modifications required

4. Not applicable

Cleanliness of facility:

Temperature control/Ventilation:

Condition and safety of animals:

Special circumstances:

Inspection results:

1. Facilities in acceptable condition.

2. Facilities in acceptable conditions, but the following unfavorable conditions were noted and need attention.

3. Inspection failed. The following conditions must be improved immediately.

Re-inspection scheduled for: 1week 2 weeks 3 weeks 1 month (check one)