

**ANNUAL REPORT  
2014-2015**

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

**Ryan Zayac, Chair, Institutional Animal Care and Use Committee**

Title and name of Committee

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**May 1, 2015**

Date Submitted

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**Submitted to:**

**Dr. John G. Thornell, Vice-President for Academic Affairs and Provost**

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Date Received

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## **I. The Executive Summary**

In 2014-2015, the IACUC received, reviewed and approved two new applications for research on vertebrate animals at UNA. The new proposals were submitted by Dr. Glenn Marvin on January 27, 2015 to study the courtship behaviors of salamanders, as well as the effects of thermal acclimation. Members of the IACUC inspected and approved the housing and condition of the animals in Dr. Marvin's facility. All IACUC forms have been signed by members of the IACUC committee and department head, and have been filed.

No change in the charge of the committee is recommended at this moment.

## **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.
4. To oversee and enforce the University Animal Welfare Policy
5. To handle any proposals the committee may make affecting university policy according to section C.2 "Shared Governance Procedure for Policy Change Recommendations"
6. To submit a final written report electronically by the first day of the fall semester to the Vice President for Academic Affairs and Provost with a copy sent to the Chair of the SGEC

## **III. Committee Meetings**

The 2014-2015 IACUC committee is comprised of the following individuals: Dr. Ryan Zayac (Faculty-at-large, Chair), Dr. Tanja Blackstone (non-voting, by position), Dr. Jean Ann Helm (non-science faculty, 2017), Ms. Janine Love (Staff, 2016), Dr. Jeffery Ray (Animal Research Experienced Faculty, 2016), Dr. Randall Smith (DVM, non-voting), Mr. Jimmy Waddell (Staff, 2016), and Mr. Jay Jackson (Faculty at large, 2017). The committee conducted most of its business electronically this year, including dissemination of forms prior to inspection, responses to forms, and scheduling of inspections. Several committee members met on April 17, 2015 to inspect the lab of Dr. Marvin.

#### **IV. Committee Actions and Accomplishments**

Two committee inspected Dr. Glenn Marvin's salamander holding facility in the space between 200 and 202 Floyd Science Building to insure that vertebrate animals being used for research were being treated with respect and cared for humanely and safely. These committee members were Dr. Zayac and Ms. Love, who were guided by Dr. Marvin. We found Dr. Marvin's lab is well maintained and adheres to federal animal care and use standards. The committee also approved Dr. Marvin's proposals, "Thermal acclimation of maximal swimming performance in a semi-aquatic plethodontid salamander (*Desmognathus conanti*)" and "Courtship behavior of the Pigeon Mountain Salamander (*Plethodon petraeus*)."

#### **V. Formal Recommendations**

The IACUC does not have any formal recommendations at this time.

#### **VI. Future Objectives**

- Elect a new chairperson for IACUC for 2015-2016 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.

#### **VII. Meeting Agenda and Minutes**

The business of the committee was conducted electronically. The only meeting, therefore, was to inspect the research facilities of Dr. Marvin, as described previously.