

## **Summer Fellowship Program Description**

### **Emory University School of Medicine Division of Animal Resources Veterinary Summer Fellowship Program**

The Emory University- Division of Animal Resources Veterinary Summer Fellowship Program is designed to allow veterinary medical students the opportunity to experience the multifaceted field of Laboratory Animal Medicine. Laboratory Animal Medicine is a board-certified discipline that combines clinical medicine, preventative medicine, pathology, recognition/development of animal models, regulatory oversight, and collaborative/independent biomedical research. Emory University- Division of Animal Resources oversees the care for thousands of laboratory animals including mice, rats, rabbits, amphibians, fish, sheep, pigs, dogs, cats. Students are encouraged to not only observe, but also actively participate in the many of the responsibilities of a laboratory animal veterinarian. Three ACLAM boarded veterinarians supervise the experience, and the students will work closely with veterinary residents and veterinary technicians to gain a basic knowledge and appreciation of the specialty. The student's experience and responsibilities may include:

1. Learning the proper handling, restraint, and associated techniques used in working with laboratory animals.
2. Participating in the diagnosis, therapy, and prevention of a variety of diseases in laboratory animals.
3. Observing/participating in anesthesia and pre/post surgical care of laboratory animals.
4. Observing and learning the basic ideas of regulatory oversight.
5. Becoming familiar with typical laboratory animal species, including anatomy, physiology, and clinical medicine.
6. Learning about gross necropsies, pathology, and histology of laboratory animals.
7. Becoming familiar with typical animal models of human disease.
8. Learning about preventative medicine and how it pertains to laboratory animals.
9. Observing collaborative and independent biomedical research.
10. Learning and discussing facility maintenance and design.
11. Learning about husbandry and management of laboratory animals.

The fellowship program consists of 10-12 weeks, in order to provide a complete overview of the laboratory animal medicine specialty. Students are encouraged to focus on areas of interest, and seek a variety of different experiences while visiting. The experience will include didactic time along with the more hands-on aspects of the program. Students will be encouraged to ask questions and participate as much as possible. A 20-30 minute presentation on a topic of interest will be presented by the fellow during the last week of the fellowship.