



AAVA Institutional Profile

Winthrop University

April 2011

Anatomist:

Dr. Lee Anne Cope

Contact Information:

copel@winthrop.edu

Education:

Master of Science, Department of Animal Science, University of Tennessee

Doctor of Philosophy, Department of Animal Science/Comparative Medicine, University of Tennessee College of Veterinary Medicine

Interests:

Research: Canine Cardiac anatomy

Teaching: Gross Anatomy and Neuroanatomy

Personal: I love roses!! Like to run and swim! Foster for the local animal

Anatomy Curriculum

- **Size of class:** 48-50 undergraduate students
- **Are you on the semester or quarter system?** Semester
- **Are small and large animal anatomy taught simultaneously?** Because this is an undergraduate institution and Biology 307 (Human Anatomy) serves a heterogeneous population of students I use select animal specimens to emphasize human anatomy. The animals I use are cats, dog hearts and lungs, deer hearts, cow and horse brains, pig kidneys.
- **# of semesters/terms of small animal anatomy:** Biology 307 is offered each fall and spring
- **# contact hours of small animal anatomy per week:** Lecture 2x week= 1.5 hours each meeting, Lab 1x week= 3 hours
- **# of semesters/terms of large animal anatomy:** NA
- **# contact hours of large animal anatomy per week:** NA
- **Do you offer an anatomy elective? If so, please describe.** Biology 507 (Neuroanatomy)- Graduate level neuroanatomy course that looks at the anatomy of the brain and spinal cord of humans and domestic mammals.

Strengths and Challenges of the Anatomy Program:

The students who enroll in this course come from the Biology department but also from other departments such as Physical Education, Psychology and Teacher Education. This makes the student population very heterogeneous in terms of academic skill, interest in course material and willingness to participate in dissection. I find that students are happier with multiple different types of specimens, plastinated specimens and models so they are not having to dissect on their cat every lab.

Additional Information (institutional grants, new teaching methodologies, news of interest):

Received two internal grants for curriculum improvement- used the money to purchase plastinated human specimens and more modern anatomical models.