

Texas A&M University – Radiology Residency Program

The goal of this three year program is to provide post graduate clinical training in veterinary radiology following a formal internship or equivalent experience. This program is designed to meet the requirements as established by the American College of Veterinary Radiology (ACVR), and successful progression through the program should qualify an individual to take the ACVR written board examination during the third year. No academic degree will be awarded. The training program begins on July 15. A maximum of one resident will be admitted every year.

All radiographic suites in both the large and small animal clinics are equipped with Eklind Direct Digital Radiography units and PACS. In the small animal clinic, there are 2 standard radiographic rooms which are used for routine radiography. In addition, there is special procedures room which houses a digital fluoroscope. There are two main ultrasound machines in the small animal clinic (Siemens Antares, Acuson Sequoia) which have color flow, PW and CW Doppler capabilities. In the large animal clinic, there are two ultrasound machines (Esaote Technos and a MyLab 30). Two additional portable units are also available (no Doppler). There is an in house, four-slice GE Lightspeed computed Tomography unit which is used for small animal imaging.

In the large animal clinic, there are 2 rooms for standard imaging which currently employ the use both Eklind Direct Digital and an AGFA computed radiography system. Standard radiographic cassettes are also available if needed. In addition, a large animal special procedures room is available.

An on site nuclear medicine facility provides service for both large and small animal patients (Ultrascan IS2 large animal system with Mirage software). We have an on-site MRI (Siemens Magnetom 1 Tesla) capable of scanning small animal patients. This unit, along with all other modalities, is connected to the PACS.

The residency will meet all requirements of training set forth by the American College of Veterinary Radiology. Board certified radiologists work closely with the resident through all years of training. The resident will rotate between the small and large animal hospitals and will receive clinical training in all imaging modalities: radiography, ultrasound, computed tomography, magnetic resonance imaging, and nuclear medicine. Exposure to echocardiology is provided during the final year. Rounds are held daily and journal club weekly. Directed study in preparation for the qualification and certification board exams will begin at the onset of the residency. Both written and oral boards mock examination are given throughout the residency. A prospective residency project in mandatory with eventual submission for journal publication expected.