

MICHIGAN STATE UNIVERSITY RESIDENCY IN DIAGNOSTIC IMAGING

The Michigan State University residency is a three year program comprised of clinical work, research, coursework and teaching. It is specifically designed to prepare the resident to meet the required credentials for the ACVR accreditation exam, and to be successful in the examination process. The program meets the ACVR requirements for approved residency training, (no external rotations being required). The program is also approved for ECVDI training for those residents who wish to enrol in a dual ECVDI/ACVR program.

Exam preparation during the residency includes six mock written examinations, taken during the first and second year, and weekly mock oral examinations that start at the beginning of the first year. Formal instruction in the physics of diagnostic imaging is provided by the MSU School of Medicine Radiology Department.

Research is supported by a faculty mentor. The radiology faculty has broad imaging research interests and MSU endowed research funding is available to support resident projects. Residents are encouraged to submit a research proposal in their first year and to have completed data collection in their second year in order to present at the ACVR meeting and produce a publication by their final year.

During the residency, clinical experience will be gained in diagnostic radiology, ultrasound, computed tomography, magnetic resonance imaging and nuclear scintigraphy. All imaging equipment has been acquired within the last five years and is linked to a dedicated PACS system. There are a wide variety of small and large animal cases including small animal special procedures and equine ultrasound (mostly musculoskeletal). All imaging studies are reported by residents within 24 hours of being performed, and are finalized by faculty on the same or following day. Residents are on a 1 in 3 week rotation for emergency duty.

This residency is supported by five ACVR diplomates and there is opportunity to interact with faculty from many other small and large animal specialties. There are currently 2 residents enrolled in the program. Appointments are made for 12 months and are annually renewed based on satisfactory performance.