

**Residency In Veterinary Radiation Oncology: Program Specifics**

Please see “House Officer Programs: General Information” for basic information common to all internship and residency programs. The following information highlights specific program requirements of the Veterinary Radiation Oncology residency program.

**Program Director:** Dr. Nicholas Rancilio ([rancilio@iastate.edu](mailto:rancilio@iastate.edu)) 515-294-4900

Faculty Supervising Diplomates:

- Dr. Nicholas Rancilio DVM, MS, DACVR (Radiation Oncology)
- Dr. Keiko Murakami BVM, MS, DACVIM (Oncology), DACVR (Radiation Oncology)

**Specialty College:** American College of Veterinary Radiology Specialty of Radiation Oncology

- Detailed program requirements are included in the ACVR website ([www.acvr.org](http://www.acvr.org)) , residency essentials manual.
- Candidates are required to register with the ACVR during their first few weeks of employment. The program director will submit a semi annual evaluation (every 6 months) of the candidates progress to the ACVR Residency Standards and Evaluation Committee.
- The board examination for radiation oncology is a single examination which is taken after the residency program is completed and credentials are accepted by ACVR Residency Standards and Evaluation Committee. The examination is in September of each year.

**Clinical Program Requirements:**

Year 1 (Weeks)	Year 2 (Weeks)	Year 3 (Weeks)
Radiation Oncology (43)	Radiation Oncology (38)	Radiation Oncology (38)
Radiation Therapy Physics Class with University of Iowa (begins in August and runs through the end of the fall semester- required)		
Required Rotation Clinical Rotations: Diagnostic Imaging (4) Clinical Pathology (1)	Required Clinical Rotations: Medical Oncology (4) Anesthesia (2) Neurology (2)	Required Clinical Rotations: Medical oncology (4)
Research Project: (2)	Research Project (4)	Research Project (4)
Vacation (2)	Vacation (2)	Vacation (2)

**Seminar/Rounds Requirements**

Rounds Type	Frequency	Day/Time	Committment
VCS House Officer Seminars	Weekly	Thursdays 8 AM	Required
Radiation Biology Book Club	Weekly	Wednesdays after clinical cases have been discharged	Required
Oncology Journal Club	Weekly	Fridays ~3pm	Required

**Scholarship & Teaching Requirements:**

- Residents will be expected to participate in clinical teaching of 4<sup>th</sup> year DVM students, interns, and other residents that rotate through radiation oncology.
- Residents will be required to participate in a research project that is mutually agreed by the candidate and faculty. Resident will be expected to participate in the scientific process by formulating a manuscript as well as presentation of the results at a scientific conference (VCS, ACVR etc...).