

Internship in 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 Internship Program.

Program Director: Dr. Nicholas Rancilio, DVM, MS, DACVR (Radiation Oncology) (rancilio@iastate.edu; 515-291-6161)

Faculty Diplomates serving as supervisors and potential advisers of the program:

- Keiko Murakami BVM, MS, DACVR (RO), DACVIM (Onc)
- Meg Musser, DVM, DACVIM (Onc)

Prerequisites and Application

- Candidates must have successfully completed, at minimum, a one-year rotating internship in small animal medicine and surgery OR have equivalent years of experience in small animal practice (at least 4 years).
- The intern for this program should have a strong interest in pursuing a residency program with the American College of Veterinary Radiology- Specialty of Radiation Oncology
- In addition to the standard VIRMP application, an interview will be required with the Oncology faculty via phone or in person.
 - After reviewing the applications received, the Oncology faculty will extend interview invitations via phone and email to potential candidates.
 - The faculty will specify a two-week period of time during which the applicant can schedule their interview via phone, zoom, or in person.
 - Applicants who do not agree to or are not able to arrange an interview will not be considered further.

Clinical program requirements

Radiation Oncology intern schedule (52 weeks)
33 weeks of direct contact with a board certified ACVR Radiation Oncology Diplomate
10 weeks of direct contact with a board certified Medical Oncologist
2 weeks of radiology with a focus on computed tomography
2 weeks with the Anesthesia service
2 Weeks of elective rotations (Medical Oncology, Clinical Pathology etc...)
2 weeks of vacation
1 week orientation

Seminar/Rounds requirements

Rounds type	Frequency	Day/Time	Commitment
HO Seminar/Case Presentation	Weekly	Thursdays @ 8am	Required
SA Intern Rounds	Weekly	Mondays @ 8am	Recommended
Oncology Journal Club	Weekly	Thursdays @ 7am	Required
Oncology Book Club	Weekly	Tuesdays @ 7am	Required
Morbidity & Mortality Rounds	Monthly	2 nd Tuesday @ 8am	Optional
Student Grand Rounds	Weekly	Fridays @ 8am	Optional

Scholarship and teaching requirements

- Teaching and presentation requirements
 - The intern will participate in the instruction of clinical students including presenting radiation oncology topic rounds to students on rotation; and managing cases with student participation.
 - Intern will participate in weekly book club with medical oncology house officers.
 - Intern will participate and present in weekly Oncology Journal club under supervision of faculty.
- Research requirements
 - The intern is expected to participate in clinical research. The faculty have projects the intern may be a part of, or if they wish they can formulate and pursue their own project. Preparing and submitting a manuscript for publication is strongly encouraged, but not required.

Other program specifics that differ from ISU-CVM “House Officer Programs: General Information”

- Any elective external rotations must be approved by the intern advisor a minimum of 4-8 weeks prior to the scheduled elective time.
 - Within two weeks of returning, the intern must submit a case log (including their role/involvement with each case), written evaluation of the experience, and the supervising specialist must submit a written evaluation of the intern
 - Failure to provide any of the above documentation may result in the time NOT counting towards the necessary 52 weeks of training that are required to complete the internship.
- Interns will be evaluated quarterly by their adviser.
 - The first critique may be provided within 30-60 days of starting, thereafter, critiques will be provided at least every 4 months.
 - As part of a quarterly review, RO interns will complete the following Self-Evaluation Form:

RO Intern Self-Evaluation Form

The RO Intern is to complete all areas (except faculty feedback sections) of this evaluation and submit it to their faculty advisor at least one week before their scheduled evaluation. At the evaluation, the Intern’s progress will be discussed and feedback given.

Clinical skills:

- Please describe areas of clinical case management in which you feel you excel:
- Please describe areas of clinical case management in which you feel you could improve; include goals/plans on how to improve these areas:
- Please describe ways in which the RO faculty can help you to achieve these goals:

- Faculty feedback of RO Intern’s clinical case management skills:
(1 is poor or almost never, 3 is average, 5 is outstanding or almost always)
 - Ability to manage basic radiation oncology cases 1 2 3 4 5
 - Ability to manage complex radiation oncology cases 1 2 3 4 5
 - Does the Intern ask for faculty assistance when indicated 1 2 3 4 5
 - Intern’s attention to detail on case management 1 2 3 4 5
 - Does Intern demonstrate compassionate care for patients 1 2 3 4 5
 - Comments:

Teaching/Communication skills:

- Please describe ways and/or situations in which you feel you excel at teaching students; rotating Interns:
- Please describe areas related to teaching students and rotating Interns in which you feel you could improve; include goals/plans on how to improve these areas:
- Please describe ways in which the RO faculty can help you to achieve these goals:
- Faculty feedback regarding RO Intern’s teaching of students and rotating Interns:
- Please describe ways/situations in which you feel you excel at communicating with staff; RDVM’s; clients:
- Please describe ways/situations in which you feel you could improve communicating with staff; RDVM’s; clients: (include goals/plans on how to improve these areas)
- Please describe ways in which the RO faculty can help you achieve these goals:
- Faculty feedback of RO Intern’s communication:
 - Ability of the Intern to conduct student topic rounds 1 2 3 4 5
 - Ability of the Intern to discuss case presentations w/ students 1 2 3 4 5
 - Willingness of the Intern to teach students 1 2 3 4 5
 - Intern’s interaction skills with technical staff 1 2 3 4 5
 - Owner communication 1 2 3 4 5
 - RDVM communication 1 2 3 4 5
 - Ability of the Intern to guide rotating Interns 1 2 3 4 5
 - Ability of the Intern to teach rotating Interns when impromptu learning opportunities arise 1 2 3 4 5
 - Ability of the Intern to give constructive criticism 1 2 3 4 5
 - Ability of the Intern to receive constructive criticism 1 2 3 4 5
 - Comments:

Research/presentation skills:

- Please list any presentations that you have prepared and given since the last evaluation:
- Please list any research activity that you have performed since the last evaluation:
- Please describe areas related to research and presentations in which you feel you excel:
- Please describe areas related to research and presentations in which you feel you could improve; include goals/plans on how to improve these areas:
- Faculty feedback of RO Intern’s presentation skills and research activity:
 - Intern presentation skills 1 2 3 4 5
 - Interns’ preparedness for RO rounds 1 2 3 4 5
 - Interns’ ability to prepare original research 1 2 3 4 5
 - Interns’ ability to conduct original research 1 2 3 4 5
 - Comments: