

ACVR Residency Training Program Application

Submission Date	2016-12-23 10:58:00
Institution Name:	University of Wisconsin-Madison
Succinctly state the objectives of the training program.	The objectives of this training program are to prepare the trainee for the ACVR preliminary and certifying examinations and subsequent academic appointment or private specialty practice. Training is provided in small animal, large animal, and exotic animal species as well as research and publication.
What is the total length of the training program?	36 months
What are the responsibilities of the resident in the remaining non-clinical portion of the program?	Research, study, didactic, and vacation
Who is the Director of Residency training?	Kenneth R. Waller III, DVM, MS, DACVR
What percentage of this individual's time is committed to clinical service and teaching of residents?	70
Roentgen diagnosis	Waller 70
Diagnostic ultrasound	Waller 70
Computed Tomography	Forrest 65
Magnetic Resonance Imaging	Waller 70
Nuclear Medicine	Forrest 65
Files uploaded or selected	https://kloudl.es/l/xdZ941zT7IDFZzRA_-Z9 , https://kloudl.es/l/mAS8PekFlcn5rjDs0fuD
ACVIM	Heidi Kellihan
ACVIM	David Vail
ACVS	Susan Schaefer
ACVS	Samantha Morello
ACVP	Marie Pinkerton
ACVP	Howard Steinberg

Briefly describe how the program meets the facility requirements.

The radiology section has three small animal diagnostic radiology rooms, one of which is a digital fluoroscopic room with an overhead 800 mA tube. The second contains an overhead 800 mA tube and the third contains a floating table and 500 mA tube. All three rooms contain digital (DR) detector panels. The separate large animal imaging suite contains a 800 mA tube with a ceiling mounted motorized tube stand and integrated ceiling mounted cassette stand with DR panel and a portable x-ray machine and DR plate for distal extremity and in-stall radiography.

Ultrasonography equipment includes two LOGIQ E9, LOGIQe Expert, and LOGIQe NEXTgen housed respectively in two ultrasound suites and the CT suite. Fundamental B-mode imaging, tissue harmonics, contrast harmonics, navigation and fusion, elastography, 4D, Doppler (pulsed, power, spectral and color) and high frequency transducers are available.

Computed tomography (8-slice MDCT) and nuclear imaging suites are located adjacent to the described rooms containing within the imaging section. A 1.5 tesla MR unit is housed within a modular building adjacent to the teaching hospital.

Nuclear imaging equipment consists of a 20" rectangular field of view gamma camera with dynamic imaging capability and analysis.

Radiotherapy is provided by a Tomotherapy facility within the hospital. Radioactive iodine therapy for hyperthyroid cats is also provided.

All modalities are integrated with PACS, RIS and HIS.

A 3 tesla MR, 1.5 tesla MR, 64-slice dual energy CT and flat panel CT are available for clinical and research use at the Wisconsin Institutes for Medical Research (WIMR), which is 4 blocks away.

Indicate the approximate number of patients seen annually by the home institution?

26,500

What is the annual imaging caseload?

12,000

Small Animals (canine, feline): 60
Large Animals (equine and food animals): 20
Exotic Animals: 20

Small Animal Radiology: 7000
Large Animal Radiology: 900
Abdominal Ultrasound: 2000
Computed Tomography: 800
Nuclear Medicine: 30
Magnetic Resonance Imaging: 320
Other (specify): 600 RT

What percentage of imaging reports are typically available within 48 hours after the examination is conducted in typewritten or electronic form?

>95%

If your answer is less than 75%, please explain how reports are generated and how long it takes for the report to be available for review in typewritten form.	N/A
If your answer is less than 75%, please explain how reports are generated and how long it takes for the report to be available for review in typewritten form.	N/A
Of the preliminary reports generated from the imaging caseload what percentage are initially produced by the resident?	80%
What percentage of the resident reports are reviewed by the imaging faculty prior to finalization of the report?	80%
When preliminary resident reports are reviewed and edited by the imaging faculty responsible for training, what percentage of the time are two or more faculty present?	25%
	<p>Small Animal Radiology: 4500 Large Animal Radiology: 300 Abdominal Ultrasound: 1300 Computed Tomography: 350 Nuclear Medicine: 10 Magnetic Resonance Imaging: 150 Elective (any of above): 25 Required elective (specify): 35 (echocardiography) Total: 6670</p>
Radiobiology	410 27 Lectures
Nuclear Medicine	UW Hospital and Clinics Radiation Oncology with MD residents 7
Ultrasonography	Medical Physics with MD residents 4
CT	Medical Physics with MD residents 5
MRI	Medical Physics with MD residents 9
Over the last five years, what is the average number of peer reviewed publications, on which the IMAGING faculty listed under Direction and Supervision in IV, are included as authors?	15

What is the number of publications/submissions expected of a resident completing the program?	2
If this is an established program, what percentage of residents have made formal research presentations at the annual ACVR or equivalent national meeting?	25
Is an advanced degree a requirement of the training program?	No
How many lectures or scientific presentations are expected of each resident during the course of their training?	14
Did all of your current resident(s) adequately complete the last six months of training?	Yes
If no, please explain:	N/A
List the current members of the residents' review committee.	Forrest and Waller
List the internal mechanisms in place to protect your resident if conflicts arise.	Listed in order of escalation, i.e. if unresolved next level will be attempted Discussion between resident and party with whom the conflict exists Mediation by resident advisor and/or residency director Mediation by Department Chair (McAnulty) Mediation by Hospital Director (Chun) Mediation, remedy, or appeal to Clinical Training and Education Committee within the School of Veterinary Medicine, University of Wisconsin.
What is the nature and scope of the teaching file available to residents?	Separate teaching files are maintained for veterinary students and radiology residents. Additional radiology teaching sets and patient file coding systems are in place to assist residents and faculty members for presentations or studying purposes of historical (films and electronic) files. The electronic coding system is based on chapter designations in the Thrall text. Seminar and lecture presentations are stored electronically and available to residents.
How is it maintained/updated?	The first year resident assists in maintenance of the hard copy student teaching cases. All residents and faculty contribute to the electronic teaching file by recording teaching quality studies daily, which are maintained in the indexed digital file on the PACS. Resident seminars are filed in a shared network drive.
On average how many Known Case Conferences are conducted annually?	52

What is the geographic relationship between the nearest medical library and the training program?

4 blocks

Provide the pass rate for first time, second time, etc for both the preliminary and certifying exams for your residents for the past 5 years. For example, for all residents finishing your program 5 years ago (Year 5): x number passed prelim 1st time, y number passed certifying exam 1st time, z number was unsuccessful.

	Year 5	Year 4	Year 3	Year 2	Year 1
Passed preliminary exam 1st time	1		1	1	1
Passed preliminary exam 2nd time		1			
Passed preliminary exam after 2nd time					
Passed certifying exam 1st time	1	1			1
Passed certifying exam 2nd time					
Passed certifying exam after 2nd time			1	1	
Unsuccessful in all attempts					