



Thursday, January 16, 2020

ACVR Residency Training Program Application

This document is to act as a guide for institutions desiring ACVR accreditation of their residency training program. It should be used in concert with the requirements set out in the ACVR Essentials of Residency Training document and it follows the headings of that document. It is intended to streamline the application process and help define what information the RSEC needs to evaluate the program. All terms used in this application have same definitions as defined in the Essentials.

Institution Name:

Inland Empire Veterinary Imaging

Email

ieveterinary@gmail.com



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Objectives:

Succinctly state the objectives of the training program.

The objectives of the Inland Empire Veterinary Imaging Residency program include train/prepare the resident to be a clinical radiologist and to develop expertise and be capable of interacting with referring veterinarians and specialists in all imaging modalities required by the ACVR to optimize patient diagnosis and care. Resident preparation will be targeted to successfully complete the qualifying and certifying exams set forth by the ACVR.



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Training Period:

What is the total length of the training program?

36 months

If the resident is not eligible to take the exam during the beginning of the third year (September), please state the reason.

N/A

What are the responsibilities of the resident in the remaining non-clinical portion of the program?

30 months of clinical training with 6 months for scholarly activity to include out rotation for large animal imaging training, offsite courses in nuclear medicine, CT, MRI as well as study time for board preparation, mock exams and vacation (10 business days/year).



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Direction and Supervision:

Program Director:

Who is the Director of Residency training?

Jeff Siems, MS, DVM, DACVR

What percentage of this individual's time is committed to clinical service and teaching of residents?

90%

Faculty:

Please list the faculty member of the program accepting PRIMARY responsibility for training in each of the following core areas:

Roentgen diagnosis

Jeff Siems, MS, DVM, DACVR 100%

Diagnostic ultrasound

Jeff Siems, MS, DVM, DACVR 100%

Computed Tomography

Jeff Siems, MS, DVM, DACVR 100%

Magnetic Resonance Imaging

Krystina Stadler, DVM, DACVR 100%

Nuclear Medicine

N/A N/A

List the names and percentage clinical commitment of additional imaging faculty in the program, and their area(s) of instructional responsibility.

Krystina Stadler, DVM, DACVR, MRI/CT/Fluoroscopy (10%)

Pax Harness, DVM, DACVR, Ultrasound, Radiology, CT (20%)

Using the button below, please provide a one page CV documenting their expertise in the area(s) of assigned responsibility for each imaging faculty in the program.



Doctor CV.pdf

For each speciality colleges listed below please list at least two Diplomates of these colleges who can be expected to regularly interact with radiology residents:

ACVIM

Whitney Nelson

ACVIM

Felicia Lew

ACVS

Howard Lawrence

ACVS

Byron Misseghers

ACVP

Meredeth McEntire



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Affiliation Agreement:

Using the button below, provide a copy of the affiliation agreement(s) in place if all of the training will not be accomplished on-site. Include the scope of the training and amount of time the resident will be away from the home institution.



Stadler Agreement.docx



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Facilities:

Briefly describe how the program meets the facility requirements.

IEVI is a veterinary diagnostic imaging practice specializing in ultrasound, CT, digital radiography, and radiographic interpretation. IEVI provides services to veterinarians across a large network of referral partners that includes Washington, Idaho, Montana and Canada. IEVI is co-located in a multi-specialty hospital featuring three boarded surgeons, a boarded clinical pathologist, a boarded internist, a boarded oncologist as well as an emergency clinic.

IEVI has two Cannon digital radiograph suites with Asteris Keystone PACS, a Toshiba Aquilion 16 slice CT, and three ultrasound units (Samsung RS85, Toshiba Aplio 500, Aloka Alpha 7). In addition, IEVI has an offsite agreement with Summit Veterinary Referral Center for MRI and fluoroscopy.

The Nuclear Medicine requirement will be obtained through University of Tennessee Course and a 2 week rotation at a yet to be determined facility with adequate caseload.



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Clinical Resources:

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

3000 in house imaging cases and 11,000 teleradiology imaging cases (teleradiology case load is made up of radiographs, ultrasound and CT)

What is the annual imaging caseload?

3,000 in house 11,000 teleradiology

Indicate in percentages the approximate breakdown of the patient population according to species.

Type a question

Small Animals (canine, feline): 97%

Large Animals (equine and food animals): 1.5%

Exotic Animals: 1.5%

What is the approximate annual imaging caseload of the program in:

Type a question

Small Animal Radiology: 11,430 teleradiology

Large Animal Radiology: 171

Abdominal Ultrasound: 2088

Computed Tomography: 323

Nuclear Medicine: 33

Magnetic Resonance Imaging: 750

Other (specify): 393 echocardiography

Please check which of the following types of

imaging cases the residents will have exposure to during the residency:

Small Animal Echocardiography

Nonabdominal Small Animal Ultrasound (i.e. cervical, musculoskeletal)

Exotics

Teleradiology/Referral Imaging

If the residents do NOT have exposure to any of the above types of imaging cases at your institution, please explain if/how they get the experience during the residency.

Large animal and food animal imaging will be outsourced to a facility with adequate caseload to meet the ACVR requirements and utilize teaching files from the ACVR and other residency programs.



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Training Content:

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

100%

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?

1st year = 25%, 2nd year = 35%, 3rd year = 55%.

What percentage of the resident reports are reviewed by the imaging faculty prior to finalization of the report?

100%

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?

20%

For each category below, approximate the number of cases a single resident will be involved in the interpretation of during the course of the entire program.

Type a question

Small Animal Radiology: 4500

Large Animal Radiology: 300

Abdominal Ultrasound: 1050

Computed Tomography: 300

Nuclear Medicine: 100

Magnetic Resonance Imaging: 200

Elective (any of above): echocardiography 300

Required elective (specify): echocardiography

Total: 6350

Please indicate the course number and unit assignment residents are required to take to meet the educational objectives for formal instruction as outlined in the Essentials in the following:

Radiobiology

N/A

Nuclear Medicine

N/A

Ultrasonography

N/A

CT

N/A



MRI

N/A

If your program does not offer formal courses in any or all of these topics please indicate how these educational objectives for each are met. Use the button below to upload additional information as necessary.

There will also be weekly discussions between the resident and faculty regarding the above topics in conjunction with the ACVR board certification content outline, study guide and reference textbooks. Residents will take mock exams that are extremely detailed and comprehensive that will cover all the above subjects.

Research Environment:

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?

0

What is the number of publications/submissions expected of a resident completing the program?

2-3

If this is an established program, what percentage of residents have made formal research presentations at the annual ACVR or equivalent national meeting?

N/A

Is an advanced degree a requirement of the training program?

No

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Educational Environment:

How many lectures or scientific presentations are expected of each resident during the course of their training?

One lecture per year offered as a CE opportunity for the local veterinary community. The resident will prepare one scientific presentation at the ACVR Annual meeting sometime during the residency. IEVI may seek out Washington State University to see if they would be willing to have a guest lecturer on a selected topic for the veterinary students.



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Evaluation 'Evaluation of residents and protection mechanisms':

List the current members of the residents' review committee.

Jeff Siems, MS, DVM, DACVR
Krystina Stadler, DVM, DACVR

List the internal mechanisms in place to protect your resident if conflicts arise.

Any conflict will be brought forward to our practice manager Mary Vawter who will then contact National Veterinary Associates Operations/HR departments.



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Teaching File:

What is the nature and scope of the teaching file available to residents?

Asteris Keystone PACS system of radiographic studies, CT and ultrasound studies with 10 years of cases.

How is it maintained/updated?

The teaching file is updated daily with teaching cases identified by on duty radiologist. Cloud based system for 24/7 world wide access.



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Conferences:

On average how many Known Case Conferences are conducted annually?

24



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Literature Resources:

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

Gonzaga University less than ½ mile walking distance from the training program.



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Appendix:

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	N/A				

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

Provide a clinical schedule for your resident(s). This schedule should provide a weekly or monthly outline of the resident's clinical responsibilities. This may be in the form of a master schedule or duty roster for your entire radiology section if desired. Use the button below.

