



**RESIDENCY TRAINING PROGRAM REGISTRATION
2019-2020
SMALL ANIMAL INTERNAL MEDICINE**

Part One

New applications for ACVIM Residency Training Programs must be received by the Residency Training Committee (RTC) 90 days prior to any residents beginning training. Before completing this form, please review the general and specific requirements for Small Animal Internal Medicine (SAIM) Residency Training Programs in the ACVIM Certification Manual (CM). The current version of the CM is available on the ACVIM website at www.ACVIM.org.

Prior to making significant changes in a Residency Training Program, approval of the ACVIM and SAIM RTC must be obtained. The Candidate and/or Program Director must notify ACVIM, in writing. Significant changes could include, but are not limited to: changes in Program Director or any advisors, transferring from one program to another, alterations in program duration, locations of secondary site training, switching to a 'dual board' program, or enrolling in an institutional graduate program.

Notice: The data collected in this form is necessary both for the ACVIM to maintain its accreditation as a Registered Veterinary Specialty Organization and also is required for renewal of the residency training program. Some of the data collected is required of every specialty and some is specific to the specialty of Small Animal Internal Medicine.

For multi-site residency programs: To ensure uniformity of training and compliance with current CM requirements, training programs which include multiple sites must provide detailed information regarding supervision and facilities available at each specific site(s). Multi-site programs, if any, are listed in Part Two.

Program Director Name: Dr. Shawn A. Kearns

The Program Director must be an active Diplomate of ACVIM in the Specialty of Small Animal Internal Medicine boarded for at least 4 years with 3 years experience training residents

Program Director's Contact Information:

Work Phone:	(617) 522-7282
Mobile Phone:	
E-mail:	skearns@mspca.org
Mailing Address:	350 S. Huntington Ave Boston, MA 02130

1. Location of Sponsoring Institution (Primary Site of Residency Training Program):

Primary Site Location: Angell Animal Medical Center	Length of Training Program: 3 year
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2. Resident Advisor(s): Must be Diplomate(s) of ACVIM in the Specialty of Small Animal Internal Medicine and boarded for at least 2 years with 1 year experience training residents. **Each Resident Advisor may supervise no more than 2 residents at a time.**

[Zachary Crouse](#)
[Erika dePapp](#)

Shawn Kearns
Kirstin Johnson

3. Supervising Diplomates on-site: Two on-site Diplomates boarded in Small Animal Internal Medicine are required - **2 ACVIM, or 1 ACVIM & 1 ECVIM**. The supervising diplomates must be active in the practice of the specialty and must maintain clinical competency in the field.

Maureen Carroll - SAIM
Zachary Crouse - SAIM
Erika de Papp - SAIM
Shawn Kearns - SAIM
Kirstin Johnson - SAIM

4. List all ACVIM Diplomates onsite responsible for supervision of clinical training who specialize in areas other than SAIM. If off-site, please explain the situation, and the method of providing direct contact with the resident.

Name and Specialty	Comments
Katherine Hogan - Cardiology, SAIM Rebecca Quinn - Cardiology Rob Daniel - Neurology Michele James - Neurology Jennifer Michaels - Neurology Jessica Talbott - Oncology	

5. List residents currently participating in your training program, along with the beginning date of the program, expected ending date of the program, and designated Resident Advisor.

Resident Name	Start date (mm/dd/yyyy)	End Date (mm/dd/yyyy)	Resident Advisor Name*
Evan Mariotti	7/18/16	7/14/19	Erika de Papp
Alyssa Bryce	7/17/17	1/12/20	Shawn Kearns



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Part Two

Part Two of the Small Animal Internal Medicine Residency Training process addresses general features of the program that apply to all current residents. These questions will be used to provide the Residency Training Committee with information needed to judge the structure, quality, scope, and consistency of training provided.

The SAIM Residency Training Committee may require supporting evidence for any statements made below. Per the Certification Manual (CM) section 9.C.2, at the time of annual program renewal, Program Directors may be asked to verify resident activities, including satisfactory clinical training, interaction with consultants, documentation of training in radiology and clinical pathology, documentation of off-site training, and documentation of study and education participation.

Current Date:

Program Director Name:

Must be an active Diplomate of ACVIM in the Specialty of Small Animal Internal Medicine boarded for at least 4 years with 3 years of experience training residents

Name of Sponsoring Institution (Residency Training Program):

1. For multi-site residency programs: To ensure uniformity of training and compliance with current CM requirements, training programs that include multiple sites must provide detailed information regarding supervision and facilities available at each specific site(s). All requirements for both direct and indirect supervision must be met, as well as requirements for rounds and conferences. Refer to Section 9.C.1.e of the CM for definitions of secondary site and off-site experiences.

a) **Secondary Site for multi-site program (if applicable):**
Please attach specific information regarding the number of weeks scheduled at each site and which rotation requirements shall be met at each site.

b) **Outside Rotations/Other Sites for specialty training (if applicable):**
All rotations performed at a location other than that of the resident's program must be documented with a signed Residency Training Agreement Form from the specialist(s) providing the outside rotation. Residency Training Agreement Forms from the specialist(s) must also be included with the program renewal form. Please attach signed Residency Training Agreement Forms from all individuals providing off-site training of SAIM residents to this registration form. Residency Training Agreement Forms must be submitted annually with program renewal forms and with each new program request. This program application is not complete without Residency Training Agreement Forms for all outside rotations. If off-site rotations are added after program renewal, please submit necessary residency training agreement forms a minimum of 30 days before the resident departs for that off-site training.

2. Length of Training Program/Advanced degree:

a) Length in Years:

	Yes	No	Optional
b) Advanced Degree: Masters:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PhD:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Zachary Crouse Erika dePapp Maureen Carroll Kirstin Johnson	SAIM SAIM SAIM SAIM	ACVIM ACVIM ACVIM ACVIM	
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8. Does each resident in your program spend an additional 16 weeks of clinical training under the **direct supervision** of one or more supervising Diplomate(s) in other specialties such as cardiology, oncology, neurology, critical care, or ophthalmology? These Diplomates may be certified by the ACVIM or ECVIM, or by the American Board of Veterinary Specialties (ABVS) approved specialties or approved European Board of Veterinary Specialization recognized certification entities. A maximum of two secondary training site rotations is allowable for meeting clinical training in other specialties. These formal rotations on a specialty service must be completed in defined training periods of at least two continuous weeks each and the resident must have primary case responsibility. Additional SAIM weeks cannot be used to satisfy this requirement [See CM 9.F.2].

Yes No

Supervising Diplomate Name(s)	Specialty	Board Certification (e.g. ACVIM, ECVIM)	Comments
Rebecca Quinn	cardiology	ACVIM	double boarded in SAIM- IM
Katie Hogan	cardiology	ACVIM	
Rob Daniel	neurology	ACVIM	The residents spend 16 weeks divided between cardio/neuro/oncology typically but based on GIG last year, will be allowed to schedule 2 week blocks with ophtho and ECC as well. They get significant amount of consult time in these areas with direct contact so the focus is on the SA subspecialties.
Jennifer Michaels	neurology	ACVIM	
Michele James	neurology	ACVIM	
Jessica Talbott	oncology	ACVIM	
Kiko Bracker	ecc	AVECCS	
Megan Whelan	ecc	AVECCS	
Virginia Slnnott	ecc	AVECCS	
Dan Biros	ophtho	ACVO	
Martin Coster	ophtho	ACVO	

9. Does each resident in your training program spend an additional 36 weeks in training, not necessarily under direct supervision, in either internal medicine or related areas, or in writing, studying, teaching, or obtaining experience with a radiologist, clinical pathologist, or other specialist? (Note that vacation time and time to attend professional meetings is included in this period.)

Yes No

Describe:

yes, they get the required 4 week research time, the required radiology/clin path time and the rest of the time is usually more supervised or unsupervised IM time during which time they are constantly having direct interactions with the various services based on the case needs

10. Does each resident in your training program spend a minimum of 8 hours per month in training with at least two other board-certified specialists (not ACVIM)? These may be specialists in dermatology, theriogenology, surgery, anesthesiology, ophthalmology, emergency/critical care, or clinical pharmacology. The training must be direct consultation, not telephone or E-mail consultation.

Yes No

Describe:

The residents have constant direct interaction with surgery, anesthesia, dermatology, ophthalmology and ECC based on the clinical needs of their patients as part of their case management

11. Does each resident in your training program have a minimum of **80 hours** of direct contact with a board-certified veterinary radiologist? **Forty hours** comprised of interpreting radiographs, learning and evaluating the results of special imaging techniques, and attending radiology rounds or conferences?

Yes No

And an additional minimum of **40 hours** spent training in ultrasonography under the supervision of a board-certified veterinary radiologist. This training should emphasize abdominal ultrasonography and must include hands-on performance of abdominal ultrasonography, observation of ultrasound procedures on the resident's own patients, and theoretical training in the principals and application of ultrasonography.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

12. Does each resident in your training program attend weekly conferences?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Describe:

Yes, we have Friday morning conferences except at holiday times that are a variety of topics. There are also a variety of RACE approved lectures given from outside lecturers throughout the year in addition to this

13. Does each resident have **40 hours** of review sessions per year?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Describe:

They have topic reviews scheduled primarily with IM staff but supplemented by review sessions with neurology, cardiology and ECC. Our hospital also holds various RACE approved CE lectures with outside speakers so they are required to attend those if IM appropriate subject and in hospital. They attend ACVIM forum in years 2 and 3 after taking the exam and are expected to log all lectures attended

14. Does each resident in your training program have a minimum of **40 hours** direct contact with a board certified veterinary clinical or anatomic pathologist evaluating clinical pathologic findings, reviewing cytologies and biopsies, and attending clinical pathologic conferences or seminars?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Describe:

the residents spent 40 hours sharing time with our anatomic as well as clinical pathologist. this is dedicated 1 week time but they also have access to going down to pathology at any time to review their cases with pathology as well. We set up clin path specific sessions for them as well over their 3 years to go over more specific areas of pathology (ex: bone marrow evaluation)

15. Patient Management:

a) Does each

resident in your program participate in patient management, including patient receiving, diagnostics, case management and decision making, client communication, case follow-up, and communication with referral veterinarians?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

b) Is case management directly supervised and reviewed by a Diplomate of the ACVIM?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

16. Is a complete medical record using the problem oriented veterinary medical record system maintained for each individual patient? (Medical records must be retrievable.)

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

17. Clinical Rounds:

a) Does the resident participate in clinical rounds on a daily basis while on clinical rotations?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

b) Is a supervising Diplomate available for the majority of the daily rounds reported in question 17?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

c) If a supervising Diplomate is not available for the majority of rounds, describe how rounds are attended and supervised.

Describe:

18. Please indicate the availability of the following facilities or equipment to be used in resident training. Indicate if these are available at the primary training site, or at a different location. (In the Location column, indicate on-site for primary location or the name of the facility where the equipment is located if off-site.) For facilities that are not on-site, please describe the situation, availability, and how the facilities or equipment are used for resident training in the space at the end of this section.

	Available?		Location of equipment?
	Yes	No	(On-site or list site name)
Standard radiological equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Ultrasonographic equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Color flow/Doppler equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Endoscopy equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, and endocrinology)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Blood Pressure Measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Electromyography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Nuclear Medicine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Computed Tomography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Magnetic Resonance Imaging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Computerized Medical Records w/Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Veterinary Library w/Literature Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site
Intensive Care Facility – 24 hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>	on site

If any of the above equipment or facilities is available off-site, please explain how the resident can access them for case management, research, or study.

19. Clinical caseload information (this information should reflect the caseload of the prior 12 months)

Total SAIM caseload per year:

Number of endoscopic examinations (respiratory, GI) per year:

Number of endoscopic examinations (urinary) per year:

~6000 includes appointments, drop offs/procedures, hospitalized cases
2018: Bronchoscopy 21 tracheoscopy 14 Rhinoscopy 43 Upper and lower GI endoscopy 80 Upper OR lower GI endoscopy 67 Endoscopy Foreign body removals 118 cystoscopy/urethroscopy 21

20. Didactic Learning Opportunities and Research Requirements: In recognition of the

importance of scientific discovery as a critical mission of the ACVIM, all Residency Training Programs shall include an assessment period or instruction and/or participation in creative scholarship which will foster an appreciation of, competency in, and contribution to the knowledge base of their respective specialty and which will support their development as clinician scientists. This requirement is fulfilled through satisfactory completion of A and one of B [See CM 9.F.4]:

a) Journal Club: Critical review of literature, minimum of eighty (80) hours during the program. Describe how this requirement is met or exceeded.

We have made a yearly schedule that includes 27 + hours of journal club per year that is alternated with the

required review session. We schedule for 27 hours with IM staff but the IM residents also can attend ECC rounds and cardiology where there is additional JC reviews

b) At least 12 weeks over the three-year residency must be allocated for research and scholarly activity ideally in the pursuit of a publication. Successful completion of any one of the options listed below will satisfy the requirements for research by SAIM residents. Describe how this will be fulfilled or exceeded in the individual trainee's specific application.

1. Successful completion of at least six hours of seminars or classes offered at the ACVIM Forum, as on-line courses, or at other facilities and recognized by the ACVIM and covering the following subjects: Critical evaluation of the veterinary medical/biomedical literature, Grant-writing or Study design, and participation in clinical trials
2. Documented (by a letter from the RA) submission of a grant proposal
3. Acceptance and presentation at a scientific meeting of an abstract (either oral or poster) of original work
4. Documented completion (by a letter from the RA) of a prospective research project pertinent to SAIM
5. Documented completion (by a letter from the RA) of a retrospective research project pertinent to SAIM
6. Documented completion (by a letter from the RA) of graduate coursework in biostatistics, research methods, and/or research ethics

The residents are expected to complete either a retrospective or prospective project during the residency with the intent for publication. We do encourage attendance at seminars or classes at ACVIM forum as well since we are not an academic institution to further enhance this aspect. Our 3rd year resident has been working on a retrospective study of leflunomide side effects in association with leflunomide blood levels. Our second year is working on a study on the clinical efficacy of a once weekly insulin.

21. Is the resident required to give one or more formal presentations at a conference or in an educational setting on a yearly basis? Please provide a description of the conferences, etc., that are provided and the typical schedule.

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Describe: The residents are required to give a 1 hour lecture on an IM topic at our weekly Friday CE seminars which is attended by both internal employees as well as outside veterinarians/technicians from the community. They are encouraged to also participate in our veterinary technician CE program.

22. How many major veterinary medical or medical meetings is each resident able to or expected to attend during his/her training program?

Program length	One	Two	> Two
3 years	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

23. Does the training program require a research project? Please indicate the number of research projects required.

Program Length	Yes	No	Optional	Number
3 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

24. Are one or more publications required as part of the training program?

Program length	Yes	No	Number
3 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1

25. Does each resident in your program meet at least twice yearly with their Resident Advisor to evaluate the resident's performance, review their progress in the program, and assess whether or not their training program is proceeding as described in this document with a dated written summary of this evaluation?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

26. Please provide the structure of the training program to include (but not limited to): the length and number of clinical rotations per year; distribution of time allocated for research, writing, exam preparation, other scholarly activity, and vacation; and distribution of time allocated to out-rotations if this is a multi-site program.

Please refer to the CM (Section 9.F) for specific details. The following table is provided as an example.

NOTE: a detailed description defining the individual time requirements would be acceptable in addition to the table.

Example:

	Year 1 # Weeks	Year 2 # Weeks	Year 3 # Weeks	Total # Weeks	Training On Site or Off Site
Internal Medicine, Direct Diplomate Supervised (Diplomates listed in number 9), Minimum of 68 weeks					
Direct Supervision	34	28	26	88	On site
Additional Diplomate Supervised Rotations (Diplomates listed in number 8), Minimum of 16 weeks					
Emergency and Critical Care	2	2		4	On site
Cardiology	2	2	2	6	On site
Neurology	2	2		4	On site
Oncology	2	2	2	6	On site
Additional Direct or Indirectly Supervised Rotations					
Internal Medicine, Indirectly Supervised			8	8	On site
Additional Clinical Rotations: Please specify in comment section	2	2	2	6	On site
Electives*	1	1	1	3	Off site
Diagnostic Imaging					
Radiology		1		1	On site
Ultrasound	1			1	On site
Pathology					
Clinical Pathology		1		1	Off site
Anatomical Pathology					
Additional Rotations					
Research and Scholarly Activity	4	4	4	12	On site
Studying		4	4	8	
Meeting		1	1	2	On/Off site
Vacation	2	2	2	6	Off site
Total	52	52	52	156	
<i>* Electives can be 0-3 weeks. If unavailable, will default to directly supervised internal medicine</i>					

Please note that this table is for recording the number of weeks and/or hours that the resident will spend on the rotations/services for each year that will satisfy the CM requirements. The number for each year should add up to 52 weeks. It is understood that each resident's program will differ with regard to which year a given rotation is completed; the table should summarize the rotations in which residents in your program will participate. The CM specifies that the program outlined in this program renewal form becomes the requirements that a resident must fulfill to complete the training program. Please see CM section 4.F.2 "Once a program has been approved, even if its requirements exceed the minimum requirements as published in the CM, the requirements specified in the program description have become the official requirements for completion of the residency. Neither a candidate nor a Program Director may retroactively petition for successful completion of a residency that has met the minimum requirements of the CM if they have left the program but have not completed all requirements of the previously approved program."

PLEASE CHECK YOUR MATH

	Year 1 # Weeks	Year 2 # Weeks	Year 3 # Weeks	Total # Weeks	Training On Site or Off Site
Internal Medicine, Direct Diplomate Supervised (Diplomates listed in number 7), Minimum of 68 weeks					
Direct Supervision	28	20	20	68	on site

Additional Diplomate Supervised Rotations (Diplomates listed in number 8), Minimum of 16 weeks [CM 9.F.2]					
Cardiology	1	2	2	5	on site
Oncology	2	2	2	6	on site
Neurology	1	2	2	5	on site
Critical Care	0	0	0	0	on site
Additional Direct or Indirectly Supervised Rotations					
Internal Medicine, Indirectly Supervised	11	14	14	39	on site
Additional Clinical Rotations: Please specify in comment section	1			1	on site
Electives*	0	0	0	0	
Diagnostic Imaging					
Radiology	1			1	on site
Ultrasound			1	1	on site
Pathology					
Clinical Pathology		1		1	on site
Anatomical Pathology					on site
Additional Rotations					
Scholarly Activity	4	4	4	12	on site
Studying	0	4	4	8	Off site
Meeting	1	1	1	3	off site
Vacation	2	2	2	6	off site
Total	52	52	52	156	
* Electives can be 0-3 weeks. If unavailable, will default to directly supervised internal medicine					

NOTE: a detailed description defining the individual time requirements would be acceptable here in addition to the table:

Describe:

there is no additional elective time unless the resident applies for and gets approved for in advance for an outside rotation such as interventional radiology as AMC

The current residents have followed the past GIGs with doing 16 weeks in the subspecialties of medicine but they can do blocks in ECC and ophthalmology. Typically they do a week in ECC when covering for IVECSS each year but this is not included in the 16 weeks and would be in the additional as week clinical rotation.

the week in pathology they spend time with both anatomic and clinical pathology

the form is not allowing us to enter Studying time but they get the 4 weeks prior to boards in years 2 and 3 for study time for a total of 8 weeks in their 3 years. this added into the total weeks just not reflected in years 2/3

Because we have 5 boarded internists and most weeks 7 days a week coverage with someone boarded (including one that works every Sunday), the residents more often get > 68 weeks of direct contact during their three years.

27. Is there any additional pertinent information that the Residency Training Committee should consider in its evaluation of this Training Program?

Yes No

Describe:

Please note, any Program Director or Candidate that significantly changes or alters this Residency Training Program before completion must notify ACVIM, in writing, before the changes are made to ensure that the proposed changes are approved.

Significant changes could include, but are not limited to:

- transferring from one program to another
- alterations in program duration
- switching to a 'dual board' program
- enrolling in an institutional graduate program
- change of Program Director or Resident Advisor

As Program Director, I verify that the above information is an accurate reflection of this Residency Training Program.

Per the Certification Manual, each year, the Program Director must certify to the RTC/ RTCC and ACVIM, in writing, that they have read the ACVIM Certification Manual and understands their role in residency training.

Checking this box is an indication I have read the ACVIM Certification Manual and understand my role in Residency Training Program.