



RESIDENCY TRAINING PROGRAM REGISTRATION
2018-2019
NEUROLOGY

Part One

New applications for ACVIM Residency Training Programs must be received by the Residency Training Committee 90 days prior to any residents beginning training. Before completing this form, please review the general and specific requirements for Neurology Residency Training Programs in the ACVIM Certification Manual (CM). The most current version of the CM is available on the ACVIM website at www.ACVIM.org. If there is a discrepancy between this form and the CM, the CM will be considered correct, however, please contact the ACVIM office or the Residency Training Committee Chairperson for clarification.

Prior to making significant changes in a Residency Training Program, approval of the ACVIM and Neurology Residency Training Committee 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 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: This form contains questions for three separate purposes; data collection that ACVIM must maintain for its accreditation as a specialty college; data collection for each specialty to evaluate what is appropriate for residency programs; and data collection to evaluate this Residency Training Program for renewal. It is important that all questions be answered accurately and completely, even if the answer to a specific question is not essential for a program's renewal.

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). Multi-site programs, if any, are listed in Part Two.

Program Director Name :

(Must be a Diplomate of ACVIM in the Specialty of Neurology or an approved Diplomate of the European College of Veterinary Neurology)

Program Director's Contact Information:

Work Phone:	<input type="text" value="(352) 392-2226"/>
E-mail:	<input type="text" value="carrerajustiz.s@ufl.edu"/>
Mailing Address:	<input type="text" value="SA Clinical Sciences, CVM
Box 100126, HSC
Gainesville, FL 32610-0126"/>

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

Primary Site and Length of Program:

Multi-site programs, if any, are listed in Part Two.

2. Resident Advisor(s): Must be a Diplomate of ACVIM in the Specialty of Neurology or a Diplomate of ECVN.

Sheila Carrera-Justiz Gabriel Garcia

3. Supervising Diplomates in Neurology: Must be a Diplomate of ACVIM in the Specialty of Neurology or a Diplomate of ECVN.

Sheila Carrera-Justiz - Neurology
Gabriel Garcia

4. All Diplomates of ACVIM or ECVIM responsible for supervision of clinical training who are specialists in areas other than Neurology.

Kirsten Cooke - SAIM
Richard Hill - SAIM
Julie Levy - SAIM
Michael Schaer - SAIM
Andrew Specht - SAIM
Alexander Gallagher - SAIM
Rowan Milner - Oncology
Carlos Souza - Oncology
Amandine Lejeune - Oncology
Sandra Bechtel - Oncology
Robert MacKay - LAIM
Chris Sanchez - LAIM
Amanda Hosue - LAIM
Martha Mallicote - LAIM
Meg Sleeper - Cardiology
Amara Estrada - Cardiology
Simon Swift - Cardiology
Michael Aherne - Cardiology

5. 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, Dates of Program, (Resident Advisor)
Ji-Hey Lim 7.1.15 - 7.1.18 (Sheila Carrera-Justiz)
Audrey Collinet 7.1.2016 - 7.1.2019 (Sheila Carrera-Justiz)
Tessa Meland 7.1.17 - 7.1.2020 (Sheila Carrera-Justiz)

Please note, any Program Director or Candidate that significantly changes or alters their 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**



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Part Two

Part Two of the Neurology Residency Training renewal 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.

Current Date:

Program Director Name:

(Must be a Diplomate of ACVIM in the Specialty of Neurology or an approved Diplomate of the European College of Veterinary Neurology)

Name of Sponsoring Institution (Residency Training Program):

1. **For multi-site residency programs:** To ensure uniformity of training and compliance with current Certification Manual (CM) requirements, training programs that include multiple sites must provide detailed information regarding supervision and facilities available at each specific site(s).

Secondary Site/Outside Rotations (if applicable):

(Please include the following for each site: Supervising Diplomate (ACVIM or other specialty), amount of time scheduled at the site and training requirements to be met.

2. Length of Training Program:

	Yes
2 years	<input type="checkbox"/>
3 years	<input checked="" type="checkbox"/>
Other -provide details	<input type="text"/>

3. Advanced Degree:

	Yes	No	Optional
Masters:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PhD:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Briefly explain how the degree is integrated into the residency program:

4. Please list all ACVIM Supervising **Diplomates** (Cardiology, Large Animal Internal Medicine, Neurology, Oncology, Small Animal Internal Medicine, ECVIM, or ECVN Diplomates) providing supervision off-site and explain the situation and the agreements provided for contact with the resident. (Note, in Part One, current ACVIM Supervising Diplomates are included; and you are requested to provide additional comments for off-site supervision here).

Name of Diplomate(s)	Comments

5. Please list all **Diplomates** of the American College of Veterinary Pathology or the European College of Veterinary Pathologists in the areas of clinical pathology or gross/histopathology associated with residency training. If off-site, please explain the situation, and the method of providing direct contact with the resident.

Name of Diplomate(s)	Clinical or Gross	Comments
Jeffrey Abbott	Gross	
William Castleman	Gross	
Serena Craft	Gross	
William Craft	Gross	
Michael Dark	Gross	
Pamela Ginn	Gross	
Lisa Farina	Gross	
Sarah Beatty	Clinical	
Mary Leissingner	Clinical	
Matthew Williamson	Clinical	

6. Please list all **Diplomates** of the American College of Veterinary Radiology or the European College of Veterinary Diagnostic Imaging associated with residency training. If off-site, please explain the situation, and the arrangements for direct contact with the resident.

Name of Diplomate(s)	Comments
Aitor Gallastegui Menoyo	
Robson Giglio	
Erin Porter	
Frederico Vilaplana Grosso	
Matthew Winter	

7. Please list all **Diplomates** available for consultation in the areas of dermatology, surgery, ophthalmology, anesthesiology, emergency/critical care, clinical nutrition, clinical pharmacology, behavior, and/or theriogenology. If off-site, please explain the situation and the arrangements provided for contact with the resident.

Name of Diplomate(s)	Specialty	Comments
Bonnie Gatson	Anesthesia	
Lane Johnson	Anesthesia	
Luisito Pablo	Anesthesia	
Diego Portela	Anesthesia	
Marta Romano	Anesthesia	
Fernando Garcia-Pereira	Anesthesia	

Dunbar Gram	Dermatology	
Rosanna Marsella	Dermatology	
Domenico Santoro	Dermatology	
Ashley Allen	ECC	
Gareth Buckley	ECC	
Andy Carver	ECC	
Bobbi Conner	ECC	
Travis Lanaux	ECC	
Leonel Londono	ECC	
Michael Schaer	ECC	
Terry Curtis	Behavior	
Ralph Hamor	Ophtho	
Caryn Plummer	Ophtho	
David Whitley	Ophtho	
J.Brad Case	Surgery	
Gary Ellison	Surgery	
Matthew Johnson	Surgery	
Stanley Kim	Surgery	
Marina McConkey	Surgery	
Dan Lewis	Surgery	
Carlos Souza	Surgery	
Audrey Kelleman	Therio	
Margo Macpherson	Therio	
Malgorzata Pozor	Therio	
Justin Shmalberg	Nutrition	
Richard Hill	Nutrition	

8. Please list the residents who have completed the training program within the last five years, including the year that each individual's training program ended and whether the individual has completed the Board certification process.

Name(s)	Program End Date (mm/dd/yyyy)	Diplomate? (Yes or No)
Christine Senneca	07/2017	Yes
Michele James	07/2016	Yes
Carrie Santare	07/2015	Yes
Rose Peters	07/2014	Yes
Roger Clemmons	07/2013	Yes

9. Please list the 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(s) (first/last)	Length of Program (in years)	Program Start Date (mm/dd/yyyy)	Program End Date (mm/dd/yyyy)	Resident Advisor Name(s)
Ji-Hey Lim	3	07/2015	07/2018	Sheila Carrera-Justiz
Audrey Collinet	3	07/2016	07/2019	Sheila Carrera-Justiz
Tessa Meland	3	07/2017	07/2020	Sheila Carrera-Justiz
Christina Scanlon	3	07/2018	07/2021	Gabriel Garcia

The following questions will be used to provide the Residency Training Committee with information needed to judge the structure, quality, scope, and consistency of training provided.

NOTE: Direct supervision is required during clinical training, with the time required specified by each particular specialty. Direct supervision is defined as follows: The Supervising Diplomate and resident are participating in a clinical

practice in which both the Diplomate and the resident are on duty and interactively and concurrently managing cases. The Diplomate need not personally examine each patient seen by the resident, but must remain physically available for consultation. Please use this definition when responding to the following questions regarding clinical rotations.

10. Is this a traditional or non-traditional residency training program? A traditional neurology residency is a two (2) or three (3) year postgraduate training program, with a minimum of ninety six (96) weeks of supervised clinical training with a majority of the time spent at one location. A non-traditional neurology residency allows for training that may occur in non-contiguous blocks of time over an extended time period.

Traditional	<input checked="" type="checkbox"/>
Non-traditional	<input type="checkbox"/>

For non-traditional programs, please provide a detailed description of the residency program, including length of program, proposed annual schedule, and the amount of time of direct Diplomate supervision for each location of the residency.

11. The ACVIM Neurology Certification Manual (CM) requires that each resident experience 75 weeks (minimum) of clinical Neurology training under the supervision of either a Diplomate of ACVIM in the Specialty of Neurology or a Diplomate of ECVN. **The 75 weeks should include at least 50 weeks of direct supervision (see definition in CM) and the remainder as indirect supervision (indirect supervision is satisfied by the Supervising Diplomate Neurologist being available for face-to-face contact with the resident at least 4 days per week).**

Please provide an outline of planned yearly schedule, including number of weeks of direct and indirect supervision (i.e. in year 1, the resident will be directly supervised for 25 weeks etc.) A table similar to the example below outlining the proposed weekly schedule of duties for the residents should be provided:

EXAMPLE TABLE ONLY:

	Year I	Year II	Year III
Medical Neurology *			
Neurosurgery			
Neurology/Neurosurgery Direct Supervision	36	36	
Neurology/Neurosurgery - Indirect Supervision			34
Internal Medicine	4	2	2
Clinical Pathology	2		
Radiology	2		
Neuropathology		2	2
Other Rotation (please list the name of each rotation)			
		1	
	2	4	4
Research	4	5	8
Independent Study			
Vacation	2	2	2
Total	52	52	52

Numbers indicated are in “weeks”.

* Many residencies are a combined neurology / neurosurgery program with no distinct separation between the services. Some programs, however, have separate training with a surgery service and this example includes that possibility in describing the weekly rotations.

The example table is only a listing of a proposed weekly schedule for each of the three years of a typical 3-year residency program, including all that is required by ACVIM without making any specific recommendations.

Please indicate the outline of planned yearly schedule here:

	Year I	Year II	Year III
Medical Neurology *	39	35	35
Neurosurgery			
Neurology/Neurosurgery - Direct Supervision	39	35	35
Neurology/Neurosurgery - Indirect Supervision			
Internal Medicine	4	2	0
Clinical Pathology	0	1	1
Radiology	1	1	1
Neuropathology	1	1	1
Other Rotation (please list the name of each rotation):			
Other:			
Other:			
Research	4	4	4
Independent Study	0	5	7
Vacation	3	3	3
Total *	52	52	52

*The totals should add up to 52 weeks.

12. Describe how daily clinical case rounds are conducted and supervised:

Daily clinical case rounds occur in two forms. Cases are discussed between the faculty and resident on an individual basis once the case is received; these discussions may or may not include students. Service case rounds also occur at the end of the day that include faculty, residents and students.

13. The neurology specialty requires that the resident spend at least 50 hours during the residency in the following rotations: Radiology, Clinical Pathology, Neuropathology and Neurosurgery. A Training Agreement Form must be completed and signed by the Diplomate supervising the required training, regardless of whether the training occurs on site or off-site. **Please use the standardized “Training Agreement Form” found on the ACVIM website (www.ACVIM.org) to document proof of supervision for all required contact hours (clinical pathology, radiology, neuropathology surgery, etc.) in rotations other than neurology.** 1 Training Agreement form is required per rotation

per resident at the beginning of the residency. Forms do not need to be resubmitted each year as long as a valid Training Agreement Form is on file.

In addition, please provide a brief description of how each phase of this required training is accomplished.

Radiology: 50 hours with a Board-certified radiologist interpreting radiographs, attending seminars and participating in and evaluating the results of special radiographic procedures.

The resident will spend two weeks with the radiology service, participating in their service rounds, assisting in reading out imaging studies and participating in diagnostic imaging procedures.

Clinical Pathology: 50 hours with a Board-certified pathologist or clinical pathologist evaluating clinical pathologic findings, attending clinicopathologic conferences, and examining surgical sections.

The resident will spend two weeks with a board-certified clinical pathologist participating in reading out cytology as well as attending rounds and seminars.

Neuropathology: 50 hours devoted to review of veterinary neuropathology. This time may be spent in lecture series, seminars, or a formal training program recognized and approved by the college.

The resident will participate in neuropathology rounds with a board-certified veterinary pathologist scheduled throughout the year, approximately once a month. The resident will also spend time with a human neuropathologist (MD) at the associated on-campus hospital and will participate in reading out histopathologic samples.

Neurosurgery: 50 hours participating in veterinary neurosurgical procedures. Please provide a specific description of the type of participation [i.e. observation, performance of neurosurgery], and credentials of those providing the training [i.e. ACVS vs. ACVIM Neurology]. A Training Agreement Form must be completed if this training is provided by individuals other than the ACVIM (Neurology) or ECVN supervising Diplomate for the residency training program.

The resident will regularly and frequently observe and gradually perform more neurosurgery under the supervision of an ACVIM Neurology diplomate. There are typically multiple surgeries performed per week with an average of 6 hours of surgery per week. The resident will also spend 4-6 weeks over the course of the residency with an ACVS diplomate (soft tissue, orthopedics or surgical oncology).

14. The neurology specialty requires that the resident be able to perform and interpret current electrodiagnostic procedures. Briefly state how the concepts of electrodiagnostics (including EEG) and their clinical application will be taught to residents during the training program. Specifically state whether or not the resident will have hands-on electrodiagnostics experience:

The resident will be taught electrodiagnostic theory through journal clubs targeted to the topic as well as electrodiagnostic theory and practice topic rounds. Electrodiagnostics are performed by the resident with faculty support on clinical cases as indicated, including EMG, NCV, F waves, RNS and EEG.

15. The college requires that the resident spend a minimum of 80 hours involved in routine and regular participation in a critical review of the literature (e.g. journal club) during the residency training program. Please explain how this requirement is met:

Neurology service journal club occurs once a week on Thursday mornings at least 40 out of the 52 weeks of the year.

16. The neurology specialty requires that the advisor meet with the resident at 6 month intervals to assess, review and critique the resident's progress and weekly schedule of activities. Please explain how this is accomplished:

Residents will receive a review twice a year by the attending service faculty; this is also required by the UF CVM for the residency program. There are standardized forms used by the UF CVM that evaluate interpersonal interactions, clinical skills, teaching, knowledge base and proficiency. There is also a third, uninvolved, party present.

17. The neurology specialty requires that the resident complete a significant research or clinical investigative project. Please describe how you plan for the resident to undertake, monitor, and complete a project. Include a timeline that the resident and mentor will use as a guide for completion of the project. Note that publication of this research project is not a requirement.

The UF CVM requires that every resident complete a research project as part of the residency to attain the residency certificate. Within the first three months of the residency, a research project idea is determined. The resident will participate in a two-week "Resident research training workshop" course to prepare for writing a grant for submission to an internal grant competition for funding. The grant is submitted January of the first year of the residency. The project should be completed within the second year of the residency to allow for time to write the manuscript and ideally be submitted for publication by the Spring of the third year of the residency.

18. Please indicate the availability of the following facilities or equipment. 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 and availability in the space at the end of this section. Please also provide the manufacturer and model of the unit for electrodiagnostic and imaging equipment.

	Available?		Location of equipment?
	Yes	No	(On-site or list site name)
a) Standard radiological equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Ultrasonographic equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, and endocrinology)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) Electrocardiography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Blood Pressure Measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f) Radiation Therapy Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g) Veterinary Library w/Literature Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
h) Computerized Medical Records w/Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
i) Medical Library w/Literature Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
j) Electromyography and nerve conduction velocity testing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
k) Evoked Response Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
l) Electroencephalography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
m) Computed Tomography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
n) Magnetic Resonance Imaging (include field strength)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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, *especially with respect to the use of imaging equipment*:

19. Describe the formal conferences, such as clinicopathologic conferences, journal clubs, or seminars that are held on a regular basis. Please provide a description and the typical schedule for these:

Neurology service neurophysiology seminars are held monthly on Tuesdays from 8-9am.
Hospital resident seminar series is weekly on Wednesdays from 8-9am.
Neurology service journal club is held weekly on Thursday from 8-9am.
Internal Medicine seminar series is weekly on Fridays from 8-9am

20. Detail the teaching responsibilities expected of the resident during the training program. This may include lectures in departmental courses for veterinary students, grand rounds presentations, presentation of papers or seminars at conferences, or participation in continuing education programs.

The residents will participate in teaching rounds, both case and topic based, with the students currently rotating through the service.
The residents will perform 2 hours of lecture per year in one of the departmental courses for veterinary students in the 2nd or 3rd year of the curriculum.
The residents will also perform 1 resident seminar per year that is presented to the entire hospital.
The resident research project is expected to be presented at a nationally recognized seminar or conference (Phi Zeta Day, NAVC, ACVIM...)

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

None	One	Two	> Two
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: ACVIM 2nd and 3rd year; they may be able to attend NAVC pending schedules. They should attend the Neuroscience Seminar (Brain camp)

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

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

Comments: One research study is required as part of the training program and publication is required

23. Please describe any additional pertinent information that the Residency Training Program should consider in its evaluation of this Training Program.

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

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

Per the Certification Manual, each year, the Program Director (PD) 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 the Residency Training Program.