

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 Neurology 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](http://www.ACVIM.org).

Prior to making significant changes in a Residency Training Program, approval of the ACVIM and Neurology RTC must be obtained. The Candidate and/or Program Director 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 the following: 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:** 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 Neurology.

**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, will be addressed by the Program Director 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 (ECVN) for at least 5 years with 3 years' experience training residents

Program Director Contact Information:

Work Phone:	<input type="text" value="(972) 820-7099"/>
E-mail:	<input type="text" value="jducote@cvsecvet.com"/>
Mailing Address:	<input type="text" value="2700 Lake Vista Drive&lt;br/&gt;Lewisville, TX 75067"/>

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

Primary Site Location:	Length of Training Program:
<input type="text" value="Center for Veterinary Specialty + Emergency Care"/>	<input type="text" value="3 year"/>

2. Resident Advisor(s): Must be a Diplomate of ACVIM in the Specialty of Neurology or a Diplomate of the ECVN and boarded for at least one year. Each RA advises and supervises no more than two residents at one time.

3. Supervising Diplomates: Must be a Diplomate of ACVIM in the Specialty of Neurology or a Diplomate of the ECVN. The supervising diplomate must be active in the practice of the specialty and must maintain clinical competency in the field. **The sponsoring institution must provide resident with onsite presence of any combination of at least two ACVIM or ECVN Neurology Diplomates with full-time clinical responsibilities.**

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

Name and Specialty	Comments
<a href="#">Valerie Case - SAIM</a> <a href="#">Keven Gulikers - SAIM</a> <a href="#">Teresa Seyfert - SAIM</a>	

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	Start date (mm/dd/yyyy)	End Date (mm/dd/yyyy)	Resident Advisor Name*
<a href="#">Benjamin Williams</a>	<a href="#">7/1/16</a>	<a href="#">6/30/19</a>	<a href="#">Julie Ducote</a>
<a href="#">Barbara Lindsay</a>	<a href="#">7/1/17</a>	<a href="#">6/30/20</a>	<a href="#">Julie Ducote</a>



RESIDENCY TRAINING PROGRAM REGISTRATION  
2019-2020  
NEUROLOGY

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:

Program Director Email Address:

Must be a Diplomate of ACVIM in the Specialty of Neurology or an approved Diplomate of the European College of Veterinary Neurology (ECVN) for at least 5 years with 3 years' experience training residents

Name of Sponsoring Institution (Primary Site):

1. Length of Training Program:

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

2. 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:

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

Name of Diplomate(s)	Specialty Certifying Body	Comments
Julie M. Ducoté	Neurology	
Keven Gulikers	SAIM	
Valerie Case	SAIM	
Teresa Seyfert	SAIM	

4. 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 Diplomat(e)s	Specialty Certifying Body (ACVP or ECVP)	Clinical or Gross	Comments
Jerry Ritchey DVM, DACVP	ACVP	Clinical	Oklahoma State University Veterinary Teaching Hospital Stillwater, OK 74078-2041 405-774-7000 <a href="http://www.cvhs.okstate.edu">www.cvhs.okstate.edu</a> Jerry Ritchey, DVM, ACVP 80 hours clinical pathology
Brian Porter DVM, DACVP	ACVP	Gross	Department of Veterinary Small Animal Clinical Sciences College of Veterinary Medicine Texas A & M University 4474-TAMU College Station, TX 77843-4474 979-845-2351 <a href="http://www.cvm.tamu.edu/vscs/">www.cvm.tamu.edu/vscs/</a> Brian Porter, DVM, DACVP 12 hours in neuropathology
Barbara Lewis DVM, DACVP	ACVP	Gross	Texas Veterinary Medical Diagnostic Laboratory 1 Sippel Rd. College Station, TX 77843 979-845-3414 <a href="http://tvmdl.tamu.edu/">http://tvmdl.tamu.edu/</a> Barbara Lewis, DVM, DACVP 80 hours in neuropathology

5. 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 Diplomat(e)s	Specialty Certifying Body (ACVR or ECVDI)	Comments
Rita Echandi	ACVR	Animal Imaging 6112 Riverside Dr. Irving, TX 75039 972-869-2180 <a href="http://www.animalimaging.net">www.animalimaging.net</a> Rita Echandi, DVM, DACVR four weeks Radiology training
Dana Neelis	ACVR	Animal Imaging 6112 Riverside Dr. Irving, TX 75039 972-869-2180 <a href="http://www.animalimaging.net">www.animalimaging.net</a> Rita Echandi, DVM, DACVR four weeks Radiology training

6. 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 Diplomat(e)s	Specialty Certifying Body	Comments
Jennifer Mahon, DVM, DACVECC	Emergency / Critical Care	onsite
John Warren, DVM, DACVO	Ophthalmology	Veterinary Eye Institute 10225 Custer Rd. Plano, TX 75025 available for phone consultation and neuro-ophthalmology rounds
Carrie Davis, DVM, ACVA	Anesthesia	Animal Imaging 6112 Riverside Dr. Irving, TX 75039 972-869-2180 (in person or by phone)
Erin Corbin, DVM, ACVS	Surgery	Gulfcoast Veterinary Specialists 8042 Katy Freeway Houston, TX 77024 713-693-1111 (in person or by phone)

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 Diplomat and resident are participating in a clinical practice in which both the Diplomat and the resident are on duty and interactively and concurrently managing cases. The Diplomat 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.

7. 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 Diplomat supervision for each location of the residency. The resident must complete the residency in blocks of time no less than four weeks in length and attend a minimum of 20 weeks of training per year. The training period may not exceed a total of five years.

8. The ACVIM Neurology Certification Manual (CM) requires that each resident experience 75 weeks (minimum) of clinical Neurology training under the supervision of either a Diplomat of ACVIM in the Specialty of Neurology or a Diplomat 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
<b>Total</b>	<b>52</b>	<b>52</b>	<b>52</b>

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 *			
Neurosurgery			
Neurology/Neurosurgery - Direct Supervision	34	26	39
Neurology/Neurosurgery - Indirect Supervision		1	2
Internal Medicine		6	
Clinical Pathology		2	
Radiology	2	2	
Neuropathology	2		
Other Rotation (please list the name of each rotation):			
Other: Surgery	4	2	

Other: <a href="#">Neurosciences course (brain camp), ACVIM Forum and exam</a>		3	1
Research	4	4	4
Independent Study	4	4	4
Vacation	2	2	2
<b>Total **</b>	<b>52</b>	<b>52</b>	<b>52</b>

\* 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.

\*\*The totals should add up to 52 weeks.

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

[Clinical case rounds at 8 am every day](#)

10. The neurology specialty requires that the resident spend at least 50 hours during the residency in the following rotations: Imaging, Clinical Pathology, Neuropathology, Electrodiagnostics and Neurosurgery as well as participate in emergency duties on a rotational basis. A training hour (see CM 7.C.7) will be defined as a minimum of one (1) continuous hour of direct contact time with a supervising specialist in the other field. 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](http://www.ACVIM.org)) to document proof of supervision for all required contact hours (imaging, clinical pathology, neuropathology, electrodiagnostics and neurosurgery) in rotations other than neurology.** One 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.

Imaging: 50 hours with a Board-certified radiologist interpreting images, learning and evaluating the results of special imaging techniques and attending imaging rounds or seminars.

[The resident will spend two weeks \(90 hours\) in a clinical rotation with Dr. Rita Echandi during the first year and 2 weeks \(90 hours\) during the second year. The resident will also have daily contact by phone or email, with Dr. Echandi and participate in evaluating imaging on clinical cases.](#)

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

[The resident will spend two weeks \(90 hours\) in a clinical rotation with Dr. Jerry Ritchey \(board certified pathologist, Oklahoma State University\) during the second year of the residency.](#)

Neuropathology: 50 hours with a board-certified anatomic pathologist devoted to review of veterinary neuropathology. This time may be spent in lecture series, seminars, or a formal training program approved by the Residency Training Committee.

[The resident will spend two weeks \(90 hours\) in a clinical rotation with Dr. Barbara Lewis \(board certified pathologist, Texas Veterinary Medical Diagnostic Laboratory\) during the first year of the residency. The resident will also spend 12 hours in a lecture series given by Dr. Brian Porter \(board certified pathologist, Texas A & M\), during the first year of the residency.](#)

Electrodiagnostics: 50 hours devoted to reviewing, evaluating, and interpreting different aspects of electrodiagnostics; including but not limited to, electroencephalography, electromyography, motor and sensory nerve conduction study and

evoked potentials. 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 electrodiagnostic experience.

The resident will be required to perform and interpret electrodiagnostic procedures on clinical patients, under the supervision of Julie M. Ducoté, DVM, ACVIM (Neurology).

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/ECVN]. 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 be required to assist or act as primary surgeon for neurosurgical procedures. As assistant or primary surgeon, the resident will be under the direct supervision of Julie M. Ducoté. Medical Neurology and Neurosurgery are not separate departments, but are run as a single service within our hospital.

Julie M. Ducoté, DVM is a Diplomate of the College of Neurology since 2001, and completed a residency that included training in and performing neurosurgery (Texas A & M 1997-2000, under the mentorship of Curtis Dewey and Joan Coates). She has been performing neurosurgery since that time. Her practice includes approximately 4-6 neurosurgical cases per week (>200 per year). Dr. Ducoté has attended the Advanced Techniques in Neurosurgery course, and holds the certificate for Neurosurgery.

Emergency Duty: Participation in emergency service on a rotational basis; cases seen may be limited to neurology. Please provide a specific description of the type of participation.

Our Neurology service works closely and collaboratively with our Emergency / Critical Care service. The resident is required to have primary case responsibility for all Neurology emergencies at least one day per week.

11. The neurology specialty 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 with at least one board-certified neurologist in attendance at each journal club meeting. Please explain how this requirement is met:

Journal club rounds will be held for 2 hours per week, under the supervision and direction of Julie M. Ducoté, DVM or one of the other specialist clinicians in our hospital.

12. 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. The advisor must provide written documentation of the review that will be signed by both advisor and resident. Please explain how this is accomplished:

The resident will meet with the advisor once every six months for this face to face review, and will also receive a written performance evaluation at that time.

13. The neurology specialty requires that the resident must complete a basic science or clinical research project that follows the scientific method approach and receives approval by the resident advisor (review CM section 7.E.5.c). 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.

With supervision and assistance from advisor, the resident will develop a clinical research project. Some funds (\$5000) will be available to support this project. If additional funding is needed, a source for this will need to be identified (e.g. ACVIM Foundation grant). This may be a prospective clinical trial or a retrospective study. A case report will not satisfy this requirement. This project should be planned and funded by the end of the first year, completed by the end of the second year, and prepared for publication by Dec. 31 of the third year. If the resident fails to complete the research project, he/ she will not be considered to have satisfactorily completed the requirements of the residency.

14. 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	X	<input type="checkbox"/>	Cuatro DR system on site
b) Ultrasonographic equipment	X	<input type="checkbox"/>	MyLab 50 on site
c) Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, and endocrinology)	X	<input type="checkbox"/>	Heska on site, Antech off
d) Electrocardiography	X	<input type="checkbox"/>	GE MAC 1200 on site
e) Blood Pressure Measurement	X	<input type="checkbox"/>	Doppler on site
f) Radiation Therapy Facility	X	<input type="checkbox"/>	LinAc off site at VSNT
g) Veterinary Library w/Literature Searching Capabilities	X	<input type="checkbox"/>	TAMU Med Sci Library
h) Computerized Medical Records w/Searching Capabilities	X	<input type="checkbox"/>	StringSoft on site
i) Medical Library w/Literature Searching Capabilities	X	<input type="checkbox"/>	TAMU Med Sci Library
j) Electromyography and nerve conduction study testing	X	<input type="checkbox"/>	Nicolet Viking on site
k) Evoked Response Equipment	X	<input type="checkbox"/>	Nicolet Viking on site
l) Electroencephalography	<input type="checkbox"/>	X	
m) Computed Tomography	X	<input type="checkbox"/>	GE ProSpeed On site
n) Magnetic Resonance Imaging (include field strength)	X	<input type="checkbox"/>	GE Verio 3T off site at Animal Imaging

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 and electrodiagnostic equipment*:

The Texas A & M Medical Sciences Library provides electronic journal articles at no charge to veterinarians licensed in the state of Texas, and has an extensive collection of veterinary and medical literature.

Animal Imaging is local and within a 10 minute drive of the primary site.

VSNT (Veterinary Specialists of North Texas) is local and within a 15 minute drive of the primary site. A board certified radiation oncologist (Glen King) is on staff, and equipment includes a linear accelerator.

15. Residents must attend formal teaching conferences, resident seminars, grand rounds sessions, medicine journal clubs, neurobiology classes, etc. Residents must participate in these activities an average of four times per month, regardless of their duty status. Please describe the formal conferences, such as clinicopathologic conferences, journal clubs, or seminars that are held on a regular basis.

Journal club rounds are held once a week.  
Topic rounds in neuroanatomy, neurophysiology, neuropathology, clinical neurology, or physiology, are held weekly.

16. The resident must give a presentation at a formal conference at least once per year. 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. Documentation of these presentations must be included in the neurology credentials packet of the resident.

The resident is required to give at least one formal presentation to the doctors (including senior clinicians, other residents and interns) and staff of the Center for Veterinary Specialty + Emergency Care, every six months. The resident is also required to occasionally give a formal presentation to local general practitioner veterinarians at continuing education meetings (average of

once per year). The resident is involved in teaching and mentoring interns and students during their Neurology rotations.

17. A Neurology Residency Training Program must provide at least 40 hours per year of intensive formal review sessions for residents on topics covered in the General and Specialty Examinations. The requirement could be met in part by attending an ACVIM Advanced Continuing Education (ACE) course, the ACVIM Neuroscience Course (Brain Camp) or an ACVIM Forum. Please describe how these opportunities will be made available to the resident.

The resident will attend the ACVIM Neuroscience Course during his/her residency.

18. 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 checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: ACVIM Forum in the second year  
ACVIM Forum in the third year

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

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

Comments: A publication based on the resident's research project should be prepared for submission by Dec. 31st of the third year. It is hoped that this will be published research, but actual acceptance for publication is not required.

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

Please note: The Program Director must report substantive changes within a Neurology RTP affecting compliance with Specialty of Neurology requirements to the Neurology RTC Chair within 14 days. This must be done in writing through the ACVIM office before the changes are made to ensure they are acceptable to the Neurology RTC.

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.