

**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](http://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:	+519-823-8830
E-mail:	<a href="mailto:fmkjames@gmail.com">fmkjames@gmail.com</a>
Mailing Address:	50 Stone Road University of Guelph Guelph ON N1G 2W1 Canada

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.

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

Fiona James - Neurology  
Luis Gaitero - Neurology

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

Anthony Abrams-Ogg (SAIM)  
Maureen Barry (SAIM)  
Alice Defarges (SAIM)  
Shauna Blois (SAIM)  
Danielle Richardson (SAIM)  
Paul Woods (Oncology and SAIM)  
Anthony Mutsaers - Oncology  
Daniel Kenney - LAIM  
Henry Staemfli - LAIM  
Joanne Hewson - LAIM  
Luis Arroyo - LAIM  
Diego Gomez-Nieto - LAIM

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)
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Thomas Parmentier 8.4.15 - 8.3.18 (Fiona James)
Edouard Marchal 8.4.2016 - 8.3.2019 (Luis Gaitero)
Michael Hazenfratz 9.18.17 - 9.18.20 (Fiona James)

**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



**RESIDENCY TRAINING PROGRAM REGISTRATION  
2018-2019  
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: 5 February, 2018

Program Director Name: Fiona James

(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): Ontario Veterinary College, University of Guelph

**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.

N/A

**2. Length of Training Program:**

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

**3. Advanced Degree:**

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

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

The residency at the Ontario Veterinary College is combined with a graduate program into the DVSC (Doctor of Veterinary Science) degree program. The DVSc provides rigorous advanced academic preparation in both

disciplines of clinical training and research and is a unique post-professional doctoral level degree. The objective is to meet both ACVIM Neurology Residency board requirements and research/thesis requirements at the graduate degree level at the end of the 3-year program. DVSc candidates must complete 2.5 credits of graduate courses, mostly delivered at the Ontario Veterinary College, work on their research project, and defend a thesis at the end of the 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
N/A	

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
Dorothee Bienzle	Clinical	Faculty
Darren Wood	Clinical	Faculty
Janet Beeler-Marfisi	Clinical	Faculty
Kristiina Ruotsalo	Clinical	Animal Health Laboratory
Felipe Riggeti	Clinical	Animal Health Laboratory
Stefan Keller	Gross/histo	Faculty
Brandon Lillie	Gross/histo	Faculty
Brandon Plattner	Gross/histo	Faculty
Jeff Wood	Gross/histo	Faculty
Jeff Caswell	Gross/histo	Faculty
Robert Foster	Gross/histo	Faculty
Josepha DeLay	Gross/histo	Animal Health Laboratory
Margaret Stalker	Gross/histo	Animal Health Laboratory
Murray Hazlett	Gross/histo	Animal Health Laboratory
Beverly McEwen	Gross/histo	Animal Health Laboratory
Grant Maxie	Gross/histo	Animal Health Laboratory

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
Stephanie Nykamp	Radiology, Faculty
Alex Zur Linden	Radiology, Faculty

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
Brigitte Brisson	Surgery	Faculty
Tom Gibson	Surgery	Faculty
Noel Moens	Surgery	Faculty
Ameet Singh	Surgery	Faculty
Michelle Oblak	Surgery	Faculty
Chantale Pinard	Ophthalmology	Faculty
Alex Valverde	Anesthesiology	Faculty
Carolyn Kerr	Anesthesiology	Faculty
Melissa Sinclair	Anesthesiology	Faculty
Alexa Bersenas	Emerg/Critical Care	Faculty
Shane Bateman	Emerg/Critical Care	Faculty
Adronie Verbrugge	Clinical Nutrition	Faculty
Ron Johnson	Clinical Pharmacol	Faculty
Brad Hanna	Clinical Pharmacol	Faculty
Cathy Gartley	Theriogenology	Faculty
Tracey Chenier	Theriogenology	Faculty

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)
Guillaume Leblond	2016	Yes
Kelley Vurik	2015	Yes
Jonathan Huska	2012	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)
Thomas Parmentier	3	08/04/2015	08/03/2018	Fiona James
Edouard Marchal	3	08/04/2016	08/03/2019	Luis Gaitero
Michal Hazenfratz	3	09/18/2017	09/18/2020	Fiona James
Hugo Leonardi	3	08/07/2018	08/07/2021	Luis Gaitero

**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

Non-traditional

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.

N/A

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:**

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

	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>
<b>Medical Neurology *</b>			

<b>Neurosurgery</b>			
<b>Neurology/Neurosurgery - Direct Supervision</b>	28	27	14
<b>Neurology/Neurosurgery - Indirect Supervision</b>			12
<b>Internal Medicine</b>	4	1	
<b>Clinical Pathology</b>	2		
<b>Radiology</b>	1		
<b>Neuropathology</b>		1	2
<b>Other Rotation (please list the name of each rotation):</b>			
<b>Other: Emergency and Critical Care</b>	2		
<b>Other: Elective</b>	1	1	1
<b>Research</b>	12	13	13
<b>Independent Study</b>		7	8
<b>Vacation</b>	2	2	2
<b>Total *</b>	52	52	52

\*The totals should add up to 52 weeks.

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

Clinical case rounds are performed twice daily (morning and afternoon) in the neurology laboratory. Residents in neurology, final year students, and faculty on duty discuss neurological cases presented during the day or hospitalized.

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](http://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 neurology resident discusses on a daily basis the on-going case load (including radiographs, myelograms, MRIs and CTs from the daily cases) with the board-certified radiologist and the radiology residents on duty.
- Neuroradiology rounds occur every four weeks (1h) where the neuroradiology cases are reviewed and discussed by the Radiology and Neurology Services (including board certified diplomates and their

residents).

- A neuroimaging course is offered by the Radiology Service of the Ontario Veterinary College (Dr. Stephanie Nykamp) every other year. This neuroimaging course consists of 24 seminars/lectures (2h per week over 12 weeks). The neurology resident is required to attend this course.
- 1-week rotation in the Radiology Service of the Ontario Veterinary College under the supervision of the board certified radiologist on duty, consisting of a minimum of 35h.
- Clinical neurology course for DVSc program students offered by the neurology faculty of the Ontario Veterinary College (board certified neurology diplomates) every second year, including a 2h seminar on neuroradiology (Dr. Nykamp).
- Neuroradiology training provided as well during the Brain Camp / Neuroscience Course. The neurology resident is required to attend this course once during the 3-year program.

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

- Neurology residents work closely with the clinical pathologist and clinical pathology residents reviewing, examining and discussing clinical pathology samples (including CSF cytology) in detail, particularly those coming from the daily case load. Clinical pathologists and pathologists are available for review of samples at the request of the neurology residents.
- A 2-week rotation in the Clinical Pathology Service of the Ontario Veterinary College under the supervision of Dr Bienzle (DACVP) and Dr Wood (DACVP) is included in the program, consisting of a minimum of 70h.
- Clinical Pathology training provided as well during the Brain Camp - Neuroscience Course. The neurology resident is required to attend this course once during the 3-year program.

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.

- Neuropathology rounds occur every four weeks (1h; so 36h total over the 3 years program) where neurology cases, managed by the Neurology Service, are reviewed with Dr. Robert Foster, a board-certified pathologist (ACVP) with an interest in neuropathology.
- Neurology residents work closely with the board-certified pathologists and pathology residents reviewing the gross pathology and follow up the cases with histopathology and final report. Pathologist are available for review of samples at the request of the neurology residents.
- Neuropathology training provided as well during the Brain Camp – Neuroscience Course. The neurology resident is required to attend this course once during the 3 years program.
- A 1-week rotation focused on Neuropathology in the Pathology Service of the Department of Pathobiology of the Ontario Veterinary College under the supervision of Dr. Robert Foster, Diplomate ACVP, is included in the program, consisting of a minimum of 35h.
- Attendance of the Basic Neuropathology & Neuroanatomy Course for ECVN and ACVIM residents and trainees in Veterinary Neurosciences, Autonomous University of Barcelona organized by Dr. Marti Pumarola and Dr. Kaspar Matiasek (2 weeks, 75h course, with final examination included). The attendance is required for the resident once during the 3 years program.

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.

Our service combines neurology and neurosurgery. Our residents, with our supervision and instruction, perform neurosurgery. The neurosurgery caseload managed by the Neurology Service consists of around 100 surgeries per year; 85-90% of this caseload are intervertebral disc herniations managed through thoracolumbar



hemilaminectomies and cervical ventral slots (including fenestration), with the other 10-15% consisting mostly of dorsal laminectomies (lumbosacral, cervical, thoracolumbar), spinal fracture-luxations, cervical distraction-fusion, atlantoaxial luxations, spinal arachnoid cysts, extradural and intradural masses, biopsies, and craniotomies. Instruction is provided by ECVN and ACVIM supervising diplomates at our institution. As part of the neurosurgical training, the neurology residents have the possibility to train on cadavers (cadaver labs are offered throughout the year as needed) to learn the different neurosurgical approaches. During clinic time, each resident is responsible to follow the case in surgery and perform the procedure under the supervision of a board certified neurologist.

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 Neurology Service at the Ontario Veterinary College has the technology and equipment to perform all the most common electrophysiologic tests including EMG, NCV, SSEP, BAER, TMMEP and EEG. Residents are involved in clinical and research applications and are required to both perform the tests and provide interpretation of recorded material. Electrodiagnostics caseload typically includes about 35 BAER, 12 EEG, 12 EMG-NCV procedures per year.
- Electrophysiology/electrodiagnostic seminars series occurs weekly (1h) during one entire academic semester (four months) at least every 1.5 years (16h per series; total 32h over the 3 years program).
- A Clinical Neurology course for DVSc program students offered by the Neurology Service faculty every second year, including a 2h seminar on electrodiagnostics (Drs Gaitero and James).
- Electrodiagnostic lectures provided during the Brain Camp - Neuroscience Course. The neurology resident is required to attend this course once during the 3 years program.

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:

- A weekly Neurology Journal Club (1h, every Friday, 8-9am) consisting in the appraisal of two to four crucial or newly published articles. The articles, chosen by the faculty or graduate student(s), are based on case material seen during the week related to important neurology topics.
- A neurology quiz (1h, every Friday, 9-10am) is provided to the neurology residents every month including questions about general neurology topics (clinical neurology, neurosurgery, neuroradiology, neuropathology, neuroanatomy, electrophysiology/electrodiagnostics). The answers to the quiz are discussed by the neurology residents and supervising diplomates once a month (1h).

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:

As part of the graduate program offered with the residency at the Ontario Veterinary College (Doctor Veterinary Science, DVSc program), an Advisory Committee is established with the goal of meeting at least once per semester to provide comments, guidance, and feedback to the graduate student, including a written evaluation on the academic and clinical performance of the student. A copy of this evaluation is submitted to the Department's Graduate Studies Research Committee, a copy is provided to the resident, and there is a discussion one-on-one with the resident advisor/s. Monthly neurology meetings are also scheduled between the supervisor and the resident to critically discuss about case management, professional conduct, and research projects.

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 DVSc (Doctor of Veterinary Science) degree requires that research be done on one subject resulting in a written thesis that is defended. Each of the chapters represents a scientific paper and is written following the guidelines of the scientific journal where it will be submitted. Usually one to three papers result from the research data. There is a verbal and written agreement between the advisor and the resident stating that, if the graduate student manifests or shows reluctance to complete the research program (as part of the graduate degree), the resident advisor is not compelled to sign the form authorizing the resident's credentials to sit for ACVIM neurology board examination.

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"/>	On-site
b) Ultrasonographic equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
c) Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, cytology, parasitology, microbiology, and endocrinology)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
d) Electrocardiography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
e) Blood Pressure Measurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
f) Radiation Therapy Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
g) Veterinary Library w/Literature Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
h) Computerized Medical Records w/Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
i) Medical Library w/Literature Searching Capabilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
j) Electromyography and nerve conduction velocity testing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
k) Evoked Response Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
l) Electroencephalography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
m) Computed Tomography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site
n) Magnetic Resonance Imaging (include field strength)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On-site (1.5T)

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*:

N/A

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:

The Journal Club is planned to occur weekly during the academic year (Fridays, 8-9am). There are also weekly Grand Rounds (Wednesdays, 8-9am). Neuropathology (Fridays, 1:30-2:30pm), neuroradiology (Mondays 08:00-09:00am) and neurology quiz discussion (Fridays 9-10am) are held each one every fourth weeks. Grand rounds

seminars are held every week (Wednesdays, 8:30-9:30am) September through April; the resident is required to present at least 3 times in Grand rounds during the residency.

Electrophysiology/electrodiagnostic seminars series occurs weekly (1h) during one entire academic semester every 1.5 years (16h per series; total 32h over the 3 years program). Neuroanatomy seminar series/course is held weekly (2h) during an entire academic semester at least once during the 3 years program (32h per series) including a formal final exam at the end of the course. The neurology residents are encouraged to attend monthly ECG rounds organized by the Cardiology Service.

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.

- Grand rounds once per academic year presented by residents/DVSc graduate students are compulsory. The neurology resident presents a challenging case report with literature review; the last presentation is dedicated to his/her research project.
- Before the second of the 9 DVSc semesters ends, the resident presents his/her literature review and Materials and Methods for the research project to the department for constructive criticism. This is also compulsory.
- Each of the 5 mandatory neurology DVSc courses requires that the DVSc student gives a presentation according to the format of the course. Usually, those 5 courses topics are: Neurology, Neuroimaging, Scientific methodology/statistics, Internal Medicine, and either Neuroanatomy/Neurophysiology or Electrodiagnostics.
- The resident participates in the clinical teaching of final year DVM students in the clinical setting through interaction/managing of clinical cases, daily case rounds, and through 1-4h weekly formal neurology topic discussion.
- The resident participates in the formal neurology laboratory teaching of first, second, and third year DVM students, reviewing the neurologic examination, neurolocalization, differentials, diagnostic testing, and treatment plans.
- The neurology resident is expected to present his/her research data in poster or short oral communication format in ACVIM or ECVN conferences once during the 3 year program.

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

Comments:

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:

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.**