



**RESIDENCY TRAINING PROGRAM REGISTRATION
2018-2019
ONCOLOGY**

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 Oncology 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 Oncology 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 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: 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 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:

(Must be a Diplomate of ACVIM in the Specialty of Oncology)

Program Director's Contact Information:

Work Phone:	(573) 882-7821
E-mail:	bryanjn@missouri.edu
Mailing Address:	Veterinary Medicine & Surgery, CVM 900 E. Campus Dr., Clydesdale Hall Columbia, MO 65211

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

Primary Site:

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

2. Resident Advisor(s): Must be ACVIM Diplomate(s) in Oncology. There is no restriction on the number of Resident Advisors; however, **each Resident Advisor can supervise only two residents concurrently.**

Carolyn Henry
Kim Selting
Jeffrey Bryan
Brian Flesner

3. Please list all Supervising Diplomates in Oncology: **There must be a minimum of two (2) ACVIM Oncology Diplomates per institution.**

Carolyn Henry - Oncology
Kim Selting - Oncology
Jeffrey Bryan - Oncology
Brian Flesner - Oncology

4. Please list all Diplomates of the American College of Veterinary Internal Medicine responsible for supervision of clinical training who specialize in areas other than Oncology.

Joan Coates - Neurology
Leah Cohn - SAIM
Philip Johnson - LAIM
Marie Kerl - SAIM
John Middleton - LAIM
Dennis O'Brien - Neurology
Dusty Nagy - LAIM
Carol Reinero - SAIM
Amy DeClue - SAIM
Stacey Leach - Cardiology
Maxie Krueger - Cardiology

5. Please list all the residents currently enrolled in the 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)*

Kimberly Menard 7.15.14 - 7.15.17 (Kim Selting)
Katherine Robinson 7.15.15 - 7.15.18 (TBD)
Sarah Rippy 7.15.15 - 7.15.18 (Jeff Bryan)

* **There is no restriction on the number of Resident Advisors; however, each Resident Advisor can supervise only two residents concurrently.**

Please note, any 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 Oncology Residency Training renewal process addresses general features of the program that apply to all current residents. These questions will be used to provide the Oncology Residency Training/Credentials Committee with information needed to judge the structure, quality, scope, and consistency of training provided.

Current Date: 2/28/08

Program Director Name: Jeffrey Bryan, DVM, MS, PhD, DACVIM(Oncology)

(Must be a Diplomate of ACVIM in the Specialty of Oncology)

Name of Sponsoring Institution (Residency Training Program): University of Missouri College of Veterinary Medicine
Veterinary Health Center

1. For residency programs with off-site rotations (required rotations not available at the primary institution/site): To ensure uniformity of training and compliance with current Certification Manual (CM) requirements, training programs that include off-site rotations must provide detailed information regarding supervision and facilities available at each specific site(s).

Outside Rotation(s) (if applicable): Please attach signed Letters of Support from all individuals providing off-site training of oncology residents to this registration form. Each Letter of Support should specify the number of weeks scheduled at each site and the rotation requirement met. **Letters of Support must be submitted annually WITH program renewal forms and WITH each new program request.**

In the box provided below, list the outside rotations for which you are attaching Letters of Support. Please include in the space below the specific information regarding the number of weeks scheduled at each site and which rotation requirements shall be met at each site:

None required.

2. Type of Training Program:

Traditional 3 years	X
Non-traditional (# years)	
For non-traditional programs, please provide details. Note that programs must be at least 3 years (156 weeks) in length.	

3. Advanced Degree:

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

Required for residency certificate: Yes No

Comments: A Masters degree is expected to be completed during the course of the 3 year residency. The majority of the courses for credit towards this degree are taught within the CVM. Courses with relevance to selected areas of study are available in other departments on the MU campus. Allowance is made in clinic schedule for residents to attend on-campus courses. A PhD is optional, but will require additional years of study beyond the 3 year residency.

4. ONCOLOGY DIPLOMATES (CM 8.G.4)

There must be a **minimum of two (2) ACVIM Oncology Diplomates** at the primary training site of the residency for an Oncology RTP to be approved or to maintain approval. Please list the ACVIM Oncology Diplomates and their site of activity.

Name of Oncology Diplomates	Location
Jeffrey Bryan	University of Missouri Veterinary Health Center
Brian Flesner	University of Missouri Veterinary Health Center
Lindsay Donnelly	University of Missouri Veterinary Health Center
Angela McCleary-Wheeler	University of Missouri Veterinary Health Center
Carolyn Henry	University of Missouri Veterinary Health Center

5. SUPPORTING DISCIPLINES REQUIRED

There must be an **ACVIM SAIM Diplomate** with $\geq 50\%$ FTE at the primary training site of the residency for an Oncology RTP to be approved or to maintain approval (CM 8.U.3).

Please list the ACVIM SAIM Diplomate(s) who will fulfill this requirement for the RTP.

Name of SAIM Diplomate(s)	Location
Leah Cohn	University of Missouri Veterinary Health Center
Amy DeClue	University of Missouri Veterinary Health Center
Carol Reinero	University of Missouri Veterinary Health Center
Megan Grobman	University of Missouri Veterinary Health Center

There must be an **ACVS Surgery Diplomate** with $\geq 50\%$ FTE at the primary training site of the residency for an Oncology RTP to be approved or to maintain approval (CM 8.U.3).

Please list the ACVIM SAIM Diplomate(s) who will fulfill this requirement for the RTP.

Name of ACVS Diplomate(s)	Location
Fred Anthony Mann	University of Missouri Veterinary Health Center
James Tomlinson	University of Missouri Veterinary Health Center
Derek Fox	University of Missouri Veterinary Health Center
Jill Luther	University of Missouri Veterinary Health Center
Bryan Torres	University of Missouri Veterinary Health Center

6. CLINICAL TRAINING IN OTHER SPECIALTIES: REQUIRED AFFILIATED ROTATIONS (CM 8.M)

Because oncology is a multimodal discipline, the resident must also have clinical training under the direct supervision of Supervising Diplomates in other disciplines. This contact may occur at a secondary training site.

A minimum of 32 weeks must be spent actively receiving patients in affiliated rotations or meeting requirements through rounds. For each off-site rotation included in the 32 weeks of clinical training in other specialties, the resident should obtain written approval from their Resident Advisor, who will forward documentation of this approval to the RTCC.

6a. RADIATION ONCOLOGY REQUIREMENTS (CM 8.M.1):

At least **eight weeks** of direct supervision is required with a veterinary radiation oncologist to develop an understanding of clinical management of patients receiving radiation therapy, radiation planning, dosimetry and physics related to clinical radiation therapy.

Please list all **Diplomates of the American College of Veterinary Radiology responsible for training in Radiation Oncology**. Describe how Diplomates are involved in the supervision of residents and direct contact radiation oncology training will be fulfilled. Radiation oncology rotations must be completed in blocks of at least two consecutive weeks in length.

Name of Diplomate(s)	Site	Role in training residents
Jimmy Lattimer Charles Maitz Tara Ehling	University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center	The radiation oncologists are directly engaged in training medical oncology residents on rotation with the Rad Onc service following the guidelines developed by the ACVIM/ACVRO task force on residency training. Med Onc residents routinely manage radiation cases on a daily basis and are co-supervised on those cases by the Supervising Diplomates and the Rad Onc service. Rad Onc diplomates rotate through the comprehensive oncology service and see cases primarily with the residents and the Rad Onc resident.

6b. PATHOLOGY REQUIREMENTS (8.M.1):

At least **two weeks** (may be met through weekly/biweekly rounds) of direct supervision with a **clinical pathologist** are required.

Please list all **Diplomates of the American College of Veterinary Pathology** in clinical pathology associated with residency training. Describe how Diplomates are involved in the supervision of residents and how direct contact requirements (must be in person, not videoconference) in clinical pathology will be met.

Name of Diplomate(s)	Site	Role in training residents
Marlyn Whitney Linda Berent Chuck Wiedmeyer Angela Royal	University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center	Med Onc residents receive clinical pathology training in semi-weekly cytology rounds focused specifically on challenging cases for residents. These are coordinated by Supervising Diplomates and clinical pathologists each week. Med Onc residents also take rotations through clinical pathology to meet the requirement for a minimum of 80 hours of clinical pathology contact. The clinical pathologists also teach a course in the subject for graduate students that covers the spectrum of clinical pathology for specialist veterinarians.

At least **two weeks** (may be met through weekly/biweekly rounds) of direct supervision with an **anatomic (surgical) pathologist** are required.

Please list all **Diplomates of the American College of Veterinary Pathology** in anatomic (surgical) pathology associated with residency training. Describe how Diplomates are involved in the supervision of residents and how direct contact requirements (must be in person, not videoconference) in anatomic pathology will be met.

Name of Diplomate(s)	Site	Role in training residents
Gayle Johnson Dae Young Kim	University of Missouri Veterinary Health Center University of Missouri Veterinary Health Center University of Missouri	Pathologists lead weekly multi-disciplinary pathology rounds. At these rounds, cases are presented to describe the clinical, clinical pathological, and imaging information for the patient. Pathologists then present the

Daniel Shaw	Veterinary Health Center University of Missouri	gross and microscopic findings of the case with discussion of relevant literature describing diagnosis and grading of each tumor. Residents are required to present cases in these rounds. Supervising Diplomates present cases as well. Residents may also elect a rotation with a pathologist for specific one-on-one training. The pathologists also teach a course on Mechanisms of Disease for the graduate students (residents).
Keiichi Kuroki	Veterinary Health Center University of Missouri	
Fred Williams	Veterinary Health Center University of Missouri	
Jeff Mitchell	Veterinary Health Center University of Missouri	
Linda Berent	Veterinary Health Center	

6c. DIAGNOSTIC IMAGING REQUIREMENTS (8.M.1):

At least **two consecutive weeks** of **diagnostic imaging** under direct supervision by a board-certified radiologist are required in addition to any interactions during case rounds.

Please list all Diplomates **of the American College of Veterinary Radiology (not including radiation oncology)** associated with residency training. Describe how Diplomates are involved in the supervision of residents and how direct contact requirements (must be in person, not videoconference) in radiology will be met.

Name of Diplomate(s)	Site	Role in training residents
Jimmy Lattimer	University of Missouri Veterinary Health Center	The radiologists are available on a daily basis for case consultation. The VHC has a robust imaging service with radiography, ultrasound, CT, 3T MRI, and PET/CT. Radiologists consult on a routine basis with the residents and Supervising Diplomates on case imaging material. Residents will rotate through the Radiology service for primary imaging responsibility and experience supervised by the radiologists to meet this requirement.
Jodi Matheson	University of Missouri Veterinary Health Center	

6d. SMALL ANIMAL INTERNAL MEDICINE REQUIREMENTS (8.M.1):

At least **four weeks** (completed in at least two consecutive week blocks) of training under the direct supervision by an ACVIM Small Animal Internal Medicine (SAIM) Diplomate are required.

Please list all **Diplomates of the American College of Veterinary Internal Medicine (including those listed above)** involved in the supervision of residents and how direct contact requirements will be met.

Name of Diplomate(s)	Site	Role in training residents
Leah Cohn	University of Missouri Veterinary Health Center	Med Onc residents interact with the SAIM Diplomates twice weekly in Case Presentation Club rounds and Medicine Journal Club. Med Onc residents rotate through the SAIM service to meet the requirement of a minimum of four weeks of SAIM contact. During these rotations, an SAIM Diplomate is on clinics at all times for direct supervision.
Amy DeClue	University of Missouri Veterinary Health Center	
Carol Reinero	University of Missouri Veterinary Health Center	
Megan Grobman	University of Missouri Veterinary Health Center	

6e. OTHER REQUIRED ROTATIONS (8.M.2):

Fourteen weeks of other rotations with an ACVIM Diplomate in the Specialty of Oncology, or training under the supervision of a member of an American Board of Veterinary Specialties (ABVS) or European Board of Veterinary Specialization (EBVS) approved specialty (such as, but not limited to, the American College of Veterinary Radiology, the American College of Veterinary Radiology (Radiation Oncology), European College of Veterinary Neurology, the American College of Veterinary Pathology, ACVS, or ACVECC). Rotations must be completed in at least two consecutive week blocks (unless otherwise specified in the CM.)

Please list the **non-ACVIM Diplomates** available for consultation in these areas. Describe how Diplomates are involved in the supervision of residents and their contribution to direct contact requirements in affiliated specialties.

Name of Diplomates	Specialty/College	Site	Role in training residents
Cecil Moore	Ophthalmology	MU-VHC	The ophthalmology service is a full-time service available to evaluate patients for and with Med Onc residents. Anesthesiology supervises all cases of anesthesia and almost all sedation cases in the hospital, and is available for pain therapy consultation on a full-time basis. Theriogenology is available for fertility consultation prior to chemotherapy or radiation treatment on a full-time basis. Toxicology is available for consultation on a full-time basis. Nutrition is an independent service that is available for consultation on a full-time basis. The ICU is staffed part-time with ECC diplomates. Full-time staffing will begin in the summer of 2018. ABVP Diplomates are available to discuss epidemiologic evaluation of possible exposures, to support dentistry and dermatology concerns of our patients, and for co-morbid condition evaluation. Dermatology is available at our off-site location for consultation as needed. Dr. Skinner has completed a fellowship in Surgical Oncology and supervises the Surg Onc portion of our comprehensive oncology service.
Elizabeth Giuliano	Ophthalmology	MU-VHC	
Kevin Donnelly	Ophthalmology	MU-VHC	
Keith Branson	Anesthesiology	MU-VHC	
John Dodam	Anesthesiology	MU-VHC	
Alex Bukoski	Anesthesiology	MU-VHC	
Tim Evans	Therio & Tox	MU-VHC	
Dawna Voelkl	Theriogenology	MU-VHC	
Dietrich Volkmann	Theriogenology	MU-VHC	
Robert Backus	Nutrition	MU-VHC	
Lauren Young	Nutrition	MU-VHC	
Becky Greer	ECC	MU-VHC	
Mike Karagiannis	ECC	MU-VHC	
Richard Meadows	Canine/feline	MU-VHC	
Amie Burling	Shelter/prev med	MU-VHC	
Loren Schultz	Preventive med	MU-VHC	
Karen Campbell	Dermatology	MU-VHC-W	
Owen Skinner	ECVS Surgery	MU-VHC	

7. FORMAL STRUCTURED RESEARCH (CM 8.O):

The resident is expected to actively participate in a laboratory or clinical investigative research project during the residency. A minimum of **eight weeks** (320 hours) of an oncology residency should be dedicated to this aspect of training. Research time should be scheduled as either weekly time (hours per week) or in blocks of time sufficient to complete the research, perform data analysis and prepare a manuscript for publication by the third year of their residency (see Recommended Milestones in CM 8.G 6-8). This experience must be documented, with dates, and signed by the Supervising Diplomat.

Please explain how your residency program complies with the research guidelines outlined above.

All of our residents are required to complete a research project for a Masters degree. The subject of the research can be bench research, clinical research, or epidemiologic research. Residents rotate through our Clinical Trials service. Residents are scheduled time off clinics in multi-week blocks to complete this, often supplemented by days of the week for projects with ongoing measurement needs. The research is supported by the Comparative Oncology Radiobiology and Epigenetics Laboratory with staff scientist and laboratory technician. This is fully equipped molecular biology laboratory with cell culture capability. Radiopharmaceutical research is also available. The MU campus also has a broad variety of research opportunities to meet any resident's interests.

For Board-certification in oncology, the resident must have a minimum of one major first author publication in the field of oncology published or accepted for publication in a refereed scientific or peer-reviewed journal. A literature review or case report is not acceptable. Please describe how this program supports this requirement for publication. (See CM 8.F.5)

The primary goal of the required Masters research is to generate peer-reviewed publications to disseminate the findings of our laboratory. It is expected that the result of this research will be acceptable for peer-reviewed publication. In the rare instance when the project has resulted in negative results difficult to publish, retrospective clinical manuscripts and epidemiologic studies have been substituted to meet this requirement. No resident has completed this residency without a publishable manuscript.

8. JOURNAL CLUB (CM 8.P):

An organized and routinely scheduled journal club of at least 80 hours over the course of the RTP must be an integral part of all oncology resident training. Journal Club must be attended and supervised by a Supervising Diplomate. The RTP application requires a schedule of proposed Journal Club for Oncology RTCC approval.

Please explain how your residency program complies with the journal club guidelines outlined above, and include a schedule for this requirement, including number of proposed meetings and duration of each meeting.

Oncology Journal Club meets weekly on Tuesday morning from 8:15 to 9:00 48 weeks of the year. In this journal club, book chapters or articles are discussed to highlight the most important points of the reading. Residents quiz one another on the content under the supervision of the Supervising Diplomates. A Supervising Diplomate is present at every meeting of the journal club. In addition, Case Presentation Club meets every Monday from 8:20 to 9:00 40 weeks of the year. In this exercise, a case is presented for general discussion and evaluated start to finish to highlight the process and results of the evaluation. Relevant literature is presented and discussed for each case. Paired with this is Medicine Journal Club which meets Friday from 8:15 to 9:00. In this journal club, literature is presented and discussed in the context of Evidence-based Veterinary Medicine. Residents present in each of these rounds once each year. The Oncology Journal Club is aimed at preparing the resident for the Specialty Examination. The CPC and Medicine Journal Club is aimed at preparing the resident for the General Examination.

9. SEMINAR OR LECTURE SERIES AND FORMAL CONFERENCES (CM 8.Q, 8.R):

Residents must attend formal teaching conferences in oncology and related disciplines throughout the residency. Unless these are formal lectures or classes, an Oncology Supervising Diplomate supervises the conferences, which should occur an average of **four times per month**. Examples of these are clinical pathology conferences, resident seminars, grand rounds sessions, and tumor biology classes. Conferences given within a veterinary practice or hospital or at a medical school or medical teaching hospital are acceptable.

Please include includes the format and schedule of these conferences and presentations, which directly pertain to training in Oncology and give specific details given on a daily, weekly or monthly basis.

Residents attend multiple rounds as described above. The CPC, cytology rounds, and pathology rounds all cover topics relevant to this. House officers of the VHC present the House Officer Seminar Series weekly on Fridays from noon to 1, which are attended by the service. Hematology/oncology case conference is presented at Ellis Fischel Cancer Center (human cancer center) on Monday mornings and attended when CPC does not meet. One Thursday morning each month the Ellis Fischel Cancer Center Grand Rounds present cutting-edge topics in human oncology. Twice monthly Cancer Rounds are presented on campus on Thursday from 4:30 to 5:30 pm; these are research presentations from campus faculty with a cancer biology focus. Radiation Oncology Rounds occur each Thursday morning from 8:15 to 9:00 to discuss current and pending radiation oncology cases and discuss radiation planning strategies.

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

Please list all opportunities offered to and/or required of the resident for attendance and/or giving formal presentations at local, regional, state or national meetings. Indicate whether the resident will attend or present at these meetings (CM 8.Q).

Residents are required to present yearly at the House Officer Seminar Series. This is a half-hour presentation the first year, and an hour presentation each of the second and third years. Residents also present cases in CPC annually in a formal setting, as well as cases in pathology rounds multiple times each year. Residents are encouraged to present their research in poster or podium format at a major national meeting at least once in their residency.

Residents must attend at least one state, regional, national, or international veterinary or human medical continuing education conference during their residency. Please list opportunities offered to and/or required of the resident for attendance

Residents attend the Veterinary Cancer Society Annual Conference at least twice during their residency. Residents are encouraged to present research and attend the ACVIM Forum as they are able. The MU campus regularly has conferences that focus on cancer-related topics including epigenetics, informatics, and cancer biology.

10. FORMAL EXAMINATION REVIEW SESSIONS (CM 8.S):

An oncology RTP must provide at least 40 hours per year of intensive formal review sessions for residents/candidates on topics covered in the general and specialty examinations. Attending daily clinical rounds does not meet this requirement. The requirement could be met in part by attending an ACVIM advanced continuing education (ACE) course, by attending an ACVIM Forum, or formal resident review sessions at a Veterinary Cancer Society Annual Meeting.

Please provide an anticipated schedule of these formal reviews below. Annual documentation will be required.

Our residents take specialist-level classes in veterinary medical topics relevant to boards, including general physiology, cardiology, oncology, respiratory physiology, immunology, neurology, endocrinology, epidemiology, mechanisms of disease, clinical pathology, and radiation biology. In addition, many residents take additional coursework in epigenetics, cancer biology, and bioinformatics. These courses prepare residents for both the general and specialty examinations by strengthening their background knowledge in each of these specialty areas. Residents average 6 credits per semester, which gives them well over the 40 hours per year of formal education prescribed above.

11. PAST RESIDENTS:

Please list the residents who have completed this described training program **within the last five years**, including the year that each individual's training program ended. If possible, please indicate whether the individual has completed the Board- certification process. Do not include residents whose program was other than the one described here.

Name(s)	Program End Date (mm/dd/yyyy)	Diplomate (Yes or No)
Brooke Fowler	07/15/13	Yes
Chamisa Herrera	07/15/14	Yes
Brian Flesner	07/15/14	Yes
Lindsay Donnelly	07/15/16	Yes
Kim Menard	07/15/17	Yes

12. CURRENT RESIDENTS:

Please list all residents **currently enrolled in this described training program** in addition to their actual program start and end dates. Each Resident Advisor can supervise only two residents at a time.

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 (first/last)	For RAs: Checking this box is an indication I have read the ACVIM Certification Manual and understand my role in residency training (mandatory per CM 4.F.3.c)
Shirley Chu	4	10/28/14	10/27/18	Jeffrey Bryan	X
Sessaly Reich	4	07/15/17	07/14/21	Jeffrey Bryan	X
Carissa	3	07/15/17	07/14/20	Brian Flesner	X
Norquest	3	7/15/18	07/14/21	Lindsay Donnelly	X
Jason Couto					

While it may have no bearing on your program, the supervising Diplomate(s) and the resident are required to review the Certification Manual yearly. You may obtain a copy of the Certification Manual from the ACVIM website at www.ACVIM.org.

13. Have all supervising Diplomate(s) read the objectives for an oncology residency as outlined in the Certification Manual, Specialty of Oncology?

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

If no, please explain:

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14. The RA and PD should periodically evaluate the resident (required minimum of once every 6 months) and discuss the results of those evaluations with the resident. Either the RA or PD (or both) must be able to provide the Residency Training Committee with written summaries of those evaluations, if requested. Additionally, the RA must complete the standardized Resident Evaluation Form annually and provide RTCC with copies, if requested.

Does your program comply with these standards of resident evaluation?

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

If no, please explain:

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15. 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 or not available, please describe the situation, availability, or how the resident will gain experience with equipment not available in the space at the end of this section.

	Available? (Y or N)	Location of equipment? (On-site or list site name)
a) Radiography	Y	On-site
b) 24 hour emergency and critical care facility	Y	On-site
b) Ultrasonographic equipment	Y	On-site
c) Color flow/Doppler equipment	Y	On-site
d) Endoscopy equipment	Y	On-site
GI equipment	Y	On-site
Bronchoscopy	Y	On-site
Cystoscopy	Y	On-site
Rhinoscopy	Y	On-site
Laparoscopy	Y	On-site
e) Clinical Pathology capabilities: (includes CBC, serum chemistries, blood gases, urinalysis, Cytology, parasitology, microbiology, and endocrinology)	Y	On-site
f) Appropriate safety equipment for handling chemotherapy (briefly summarize what is available in the column Location of Equipment).	Y	On-site. Our chemotherapy is prepared in a laminar flow hood in the pharmacy using Equashield. Gowns, gloves, face shields, and respirators (as needed) are available for administration in a dedicated area using Equashield. Spill kits are present in the area in case of an accidental release. Protocol books are present with checklist instructions for chemotherapy protocols as well as extravasation or release.
g) Nuclear Medicine	Y	On-site
h) Computed Tomography	Y	On-site
i) Magnetic Resonance Imaging	Y	On-site
j) Radiation Therapy Facility	Y	On-site

k) Intensive Care Facility – 24 hours	Y	On-site
l) Total parenteral nutrition capability	Y	On-site
m) Computerized Medical Records w/Searching Capabilities	Y	On-site

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

All On-site

16. The resident should have access to a human or veterinary medical library with on-line searching capacity and at a minimum have access to all textbooks (current editions) and full text access to all journals on the current examination committee reading list (**See item 21. to be completed by Program Director. Note that on-line access to texts must be full-text not abstracts only**). This library should be available on-site or within a reasonable commuting distance (defined as within a 15 mile radius of the primary training site).

Please indicate how your resident can obtain access to the following textbooks/journals.

Text or Journal	Hard Copy or Subscription Available on site, or Medical/Veterinary Library <i>(insert name)</i>	Available Electronically (CD-ROM or Online Subscription)	Available Through pub-med only (free or will purchase articles)	Not Available
DeVita: <u>Cancer: Principles and Practice of Oncology</u> , 10 th ed. (2015)	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
Withrow: <u>Veterinary Clinical Oncology</u> , 5 th Ed. (2012)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chabner: <u>Cancer Chemotherapy</u> , 5 th Ed. (2010)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tannock&Hill: <u>Basic Science of Oncology</u> , 5 th Ed. (2013)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abbas: <u>Cellular and Molecular Immunology</u> , 8 th Ed. (2014)	X or Library:	X	<input type="checkbox"/>	<input type="checkbox"/>
Meuten: <u>Tumors in Domestic Animals</u> , 4 th Ed. (2002)	X or Library:	X	<input type="checkbox"/>	<input type="checkbox"/>
Weinberg: <u>The Biology of Cancer</u> , 2 nd Ed. (2013)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kirk: <u>Current Veterinary Therapy XII, XIII, XIV, XV</u> (1995, 2000, 2008, 2014)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feldman & Nelson: <u>Canine and Feline Endocrinology and Reproduction</u> , 4 th Ed. (2015)	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
Cowell: <u>Diagnostic Cytology</u> , 4 th Ed. (2013)	X or Library: Zalk Veterinary Medical Library	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hall: <u>Radiobiology for the Radiologist</u> , 7 th Ed. (2011)	X or Library:	X	<input type="checkbox"/>	<input type="checkbox"/>
Ogilvie & Moore: <u>Feline Oncology</u> (2001)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ogilvie & Moore: <u>Managing the Canine Cancer Patient</u> (2006)	X or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Henry & Higginbotham:				

<u>Cancer Management in Small Animal Practice</u> (2009)	X or Library:	X	<input type="checkbox"/>	<input type="checkbox"/>
<u>Veterinary Clinics of North America-</u> oncology-related issues (2000-present)	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
Duncan: <u>Veterinary Laboratory Medicine: Clinical Pathology</u> , 5 th Ed. (2011)	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
Weiss and Wardrop: <u>Schalm's Veterinary Hematology</u> , 6 th Ed. (2010)	X or Library: Zalk Veterinary Medical Library	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Norman and Streiner: <u>Biostatistics- the Bare Essentials</u> , 4 th Ed. (2014)	Xor Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
The following Journals are considered required for Candidates; They are available to ACVIM Diplomates through the Texas A&M University Library: http://guides.library.tamu.edu/acvim				
<i>Journal of Veterinary Internal Medicine</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Veterinary Medical Association</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>American Journal of Veterinary Research</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Compendium for Continuing Education</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Animal Hospital Association</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Clinical Pathology</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary and Comparative Oncology</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Pathology</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Surgery</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Radiology and Ultrasound</i>	Xor Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of Small Animal Practice</i>	X or Library: Zalk	X	<input type="checkbox"/>	<input type="checkbox"/>

	Veterinary Medical Library			
<i>Research in Veterinary Science</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Immunology and Immunopathology</i>	X or Library: Zalk Veterinary Medical Library	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>New England Journal of Medicine</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Clinical Cancer Research</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Nature Reviews: Cancer</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Research</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Chemotherapy & Pharmacology</i>	X or Library: Health Sciences Library on Campus	X	<input type="checkbox"/>	<input type="checkbox"/>

Comments: We have a very comprehensive library and a phenomenal librarian and information specialist, Kate Anderson, working in the Zalk Veterinary Medicine Library.

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

Yes No

X	<input type="checkbox"/>
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Comments: We have had two of four Diplomates leave in the past 6 months. We have replaced one who will be joining us in 3/18. Another will be joining this summer.

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

X 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.

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