



**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:	<input type="text" value="(608) 265-2671"/>
E-mail:	<input type="text" value="ruthanne.chun@wisc.edu"/>
Mailing Address:	<input type="text" value="2015 Linden Drive
2015 Linden Dr. West
Madison, WI 53706"/>

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.**

Ruthann Chun
David Vail
Xuan Pan

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

Ruthanne Chun - Oncology
David Vail - Oncology
Michelle Turek - Oncology
Xuan Pan - Oncology
MacKenzie Pellin - 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.

Harriet Bortnowski - SAIM
Rebecca Stepien - Cardiology
Lauren Trepanier - SAIM
Helena Rylander - Neurology
Cameron Starr - Neurology
Heidi Barnes Heller - Neurology
Jonathan Bach - SAIM
Heidi Kellihan - Cardiology
Michael Wood - SAIM
Katrina Viviano - SAIM
Jessica Pritchard - SAIM
Ana Petra Costa - SAIM
Guillaume Leblond - Neurology

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)*

Katelyn Marlowe (Stewart) 7.15.15 - 7.15.18 (Ruthann Chun)
Kathleen Tsimbas 7.15.15 - 7.15.18 (Ruthanne Chun)
Nate Vos 7.15.15 - 7.15.18 (Xuan Pan)
Richardo Fernandez 7.15.2016 - 7.15.2019 (Ruthanne Chun)
Elizabeth Wood 7.15.17-7.15.20 (David Vail)

*** 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: 1/16/2018

Program Director Name: Ruthanne Chun

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

Name of Sponsoring Institution (Residency Training Program): University of Wisconsin School of Veterinary Medicine

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:

NA

2. Type of Training Program:

Traditional 3 years	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PhD:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Required for residency certificate: Yes No

Comments:

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
Ruthanne Chun	UW-SVM
Xuan Pan	UW-SVM
MacKenzie Pellin	UW-SVM
David Vail	UW-SVM
Michelle Turek	UW-SVM

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
Jonathan Bach	UW-SVM
Jessica Pritchard	UW-SVM
Lauren Trepanier	UW-SVM
Harriet (Hattie) Bortnowski	UW-SVM
Michael Wood	UW-SVM
Katrina Viviano	UW-SVM

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
Susan Schaefer	UW-SVM
Jason Bleedorn	UW-SVM
Peter Muir	UW-SVM
Dale Bjorling	UW-SVM
Sara Colopy	UW-SVM
Robb Hardie	UW-SVM

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
Neil Christensen	UW-SVM	RO and med onc are integrated service, daily contact when on clinics
Lisa Forrest	UW-SVM	Same as above
Michelle Turek	UW-SVM	Same as above
MacKenzie Pellin	UW-SVM	MacKenzie is faculty in med onc, but because we are integrated with RO, she participates in RO discussions during rounds

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
Kristen Friedrichs	UW-SVM	Weekly cytology rounds and consultation when she is on clinical duty
Allison Dusick	UW-SVM	Same as above

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
Marie Pinkerton	UW-SVM	Bi-weekly surgical biopsy rounds and consultation when she is on clinical duty
Howard Steinberg	UW-SVM	Same as above
Leandro Texeira	UW-SVM	Same as above

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
Lisa Forrest	UW-SVM	Consultation when she is on duty as a radiologist
Ken Waller	UW-SVM	Consultation when he is on duty as a radiologist

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
Jonathan Bach	UW-SVM	When on clinical duty, consultation on medicine related situations as well as direct supervision during oncology resident SAIM rotations. Participation in weekly ACVIM rounds.
Jessica Pritchard	UW-SVM	Same as above
Lauren Trepanier	UW-SVM	Same as above
Harriet (Hattie) Bortnowski	UW-SVM	Same as above
Michael Wood	UW-SVM	Same as above
Katrina Viviano	UW-SVM	Same as above

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 Specialisation (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
Julien Guevar	ECV Neurology	UW-SVM	Consultation on oncology cases as necessary, participation in weekly ACVIM rounds.
Alexane Durand	ECVR Diagnostic Imaging	Same as above	Consultation on oncology cases as necessary
Elizabeth Alvarez	ABVP Canine Feline	Same as above	Same as above
Harry Momont	Theriogenology	Same as above	Same as above
Ellison Bentley	Ophthalmology	Same as above	Same as above
Gillian McLellan	Ophthalmology	Same as above	Same as above
Paul Miller	Ophthalmology	Same as above	Same as above
Rebecca Johnson	Anesthesia and Pain Management	Same as above	Same as above
Lesley Smith	Anesthesia and Pain Management	Same as above	Same as above
Tatiana Ferriera	Anesthesia and Pain Management	Same as above	Same as above
Lindsey Snyder	Anesthesia and Pain Management	Same as above	Same as above
Cristina de Miguel	Anesthesia and Pain Management	Same as above	Same as above
Allan Williamson	Anesthesia and Pain Management	Same as above	Same as above
Lauren Trepanier	Clinical Pharmacology	Same as above	Consultation on oncology cases as necessary, participation in weekly ACVIM rounds.
Katrina Viviano	Clinical Pharmacology	Same as above	Consultation on oncology cases as necessary, participation in weekly ACVIM rounds.
Doug DeBoer	Dermatology	Same as above	Consultation on oncology cases as necessary

Karen Moriello	Dermatology	Same as above	Same as above
Elizabeth Layne	Dermatology	Same as above	Same as above
Christopher Snyder	Dentistry and Oral Surgery	Same as above	Same as above
Jason Soukup	Dentistry and Oral Surgery	Same as above	Same as above
Jonathan Bach	Emergency and Critical Care	Same as above	Same as above
Julie Walker	Emergency and Critical Care	Same as above	Same as above
Corinne Lawson	Emergency and Critical Care	Same as above	Same as above
Dale Bjorling	Small Animal Surgery	Same as above	Same as above
Sara Colopy	Small Animal Surgery	Same as above	Same as above
Jason Bleedorn	Small Animal Surgery	Same as above	Same as above
Robb Hardie	Small Animal Surgery	Same as above	Same as above
Susan Schaefer	Small Animal Surgery	Same as above	Same as above
Peter Muir	Small Animal Surgery	Same as above	Same as above
Susannah Sample	Small Animal Surgery	Same as above	Same as above

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 Diplomate.

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

Most residents participate in both a clinical research project and a benchtop project during their programs. During their first year, residents work with faculty mentors to identify a research project (usually clinical) and start working on it. This project can be a retrospective study, a phase 1 trial, or another clinical project. In their first year, residents typically do not devote more than **2-3 weeks** of protected time to this project. In the second year, residents delve more into data accrual and analysis and manuscript development of the project. This is more time intensive and typically **3-5 weeks** are spent working closely with their faculty mentor on this. Between the second and third year, residents have the opportunity to attend a 'molecular biology bootcamp' at Smith College. The program usually pays for this, if residents choose to go. This 'bootcamp' is advertised as a 2 semester course on molecular biology research techniques distilled down into a 2 week course. During their third year, residents spend **8 – 16 weeks** in a laboratory either within the SVM or on campus at UW-Madison. Although they may not get a first author publication from this brief laboratory experience, they get good exposure to research methods and experiment design. In total, medical oncology residents at UW spend **13-24 weeks dedicated to research**.

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 answer to this point lies mostly in the above text block. Residents work with faculty mentors to identify a retrospective study of interest, or they work together to develop a prospective clinical study that is implemented and worked on throughout the first 2 years. Our electronic health record is easy to query and abstracting information

from medical records is also very easy. Data accrual and analysis is then discussed with the faculty mentor, and manuscript preparation typically occurs via several back and forth iterations between the resident and their mentor. The oncology program has some flexible spending accounts that can help pay publication costs (if there are any).

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 is held from 9 am-10:30 am every Friday during the academic year. The third year resident is required to make the schedule for the year, assigning 3 people from the radiation and medical oncology team (residents, faculty and specialty intern) to present an article. Each article presentation is done as a formal Power Point presentation, and includes a pertinent literature review, discussion and critical review of the article, and a question at the end of the presentation.

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.

Monday 8-9 am: Surgery-Oncology rounds every other week. Attendees include small animal surgeons and residents, medical oncology clinicians and residents, radiation oncology clinicians and residents. Presentations are on assigned topics and presenters include small animal surgery or oncology faculty and residents.

Tuesday 8-9 am: ACVIM rounds (residents in ACVIM college are assigned topics to present, expectation is that the presentation is at the level of an ACVIM forum talk and that complete notes with references are handed out). Attendees include all ACVIM faculty and residents from within the school and other ACVIM boarded people who live in Madison.

Wednesday 8-9 am: Grand Rounds at the UW Carbone Comprehensive Cancer Center. Topics for these rounds range from targeted therapies for specific cancers to the socio-economic impact of cancer in various populations. Speakers range from UW experts to guest speakers from other institutions.

Thursday 8-9 am: Every other week, cancer biopsy rounds are hosted by the anatomic pathologists. Participants in these rounds include anatomic and clinical pathologists and staff, oncology faculty and residents, VM4 students on oncology rotation.

Friday 8-9 am: Cytology rounds are hosted by the clinical pathologists. Participants in these rounds include anatomic and clinical pathologists and staff, oncology faculty and residents, VM4 students on oncology rotation, occasionally VM students from years 1-3 of the curriculum.

Friday 9-10:30 am: Oncology journal club. Participants include medical and radiation oncology faculty and residents. 3 people are assigned each week to present one article (2 from veterinary medical literature and 1 from human/basic science literature). The expectation is to have a professional level presentation including a thorough literature review followed by description of the hypothesis/objectives, materials and methods, results and critique of the paper be performed. Each 30 minute presentation also includes a question at the end pertinent to the article.

Friday 3:30-4:30 pm: once a month Grand Rounds. Typically 2 residents a month co-present grand rounds. They may have 2 separate patients, or they may address 2 different aspects of 1 patient's care and management. Residents are required to present grand rounds once during their training programs. Attendees include faculty clinicians, residents, interns and veterinary medical students.

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).

Medical oncology residents present a minimum of 8 30-minute journal club presentations each year. They also present during ACVIM rounds once during their first and second years. They also present a Grand Rounds topic once during their residency. Although we have one third year resident who was not able to do so, our residents typically submit an abstract to either VCS or ACVIM for presentation as a poster/podium talk at least once during their program.

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

Second and third year medical oncology residents who have an accepted poster or podium presentation have registration, travel and hotel paid to attend either VCS or ACVIM. If they do not have an accepted poster or podium presentation, they are allowed (strongly encouraged) to attend VCS. They are provided with some travel money by the Dept of Medical Sciences to attend. More locally, the medical oncology residents attend the Carbone Cancer Oncology Grand Rounds that are offered weekly throughout the year. The Carbone Cancer Center is a comprehensive cancer center at the University of Wisconsin; it is located about a 10 minute walk from the School of Vet Med.

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.

Tuesday 8-9 am: ACVIM rounds (residents in ACVIM college are assigned topics to present, expectation is that the presentation is at the level of an ACVIM forum talk and that complete notes with references are handed out). Attendees include all ACVIM faculty and residents from within the school and other ACVIM boarded people who live in Madison.

Friday 9-10:30 am: Oncology journal club. Participants include medical and radiation oncology faculty and residents. 3 people are assigned each week to present one article (2 from veterinary medical literature and 1 from human/basic science literature). The expectation is to have a professional level presentation including a thorough literature review followed by description of the hypothesis/objectives, materials and methods, results and critique of the paper be performed. Each 30 minute presentation also includes a question at the end pertinent to the article.

Also at the end of the second year, after taking the general examination, residents have the option of attending the 'molecular biology 2 week boot camp' at Smith College. The oncology program has funding to send residents to this program so no out of pocket expense is incurred by attending this camp.

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)
Kimberly Shaffer	07/15/17	Yes
Mairin Miller	07/15/16	No
MacKenzie Pellin	07/15/15	Yes
Rachel Rasmussen	07/15/15	Yes
Raelene Wouda	07/15/13	Yes
Xuan Pan	07/15/13	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)
Nate Vos	3	7/15/15	7/15/18	Xuan Pan	X
Katelyn Marlowe	3	7/15/15	7/15/18	David Vail	X
Kathleen Tsimbas	3	7/15/15	7/15/18	Ruthanne Chun	X
Ricardo Fernandez	3	7/15/16	7/15/19	Ruthanne Chun	
Elizabeth Wood	3	7/15/17	7/15/20	David Vail	

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

If no, please explain:

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

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 (on-site, chemotherapy specific clean hood in our on-site pharmacy, closed system chemotherapy administration system, chemotherapy administration gloves, goggles, gowns)
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.

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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	Available Electronically	Available Through pub-	Not Available
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	on site, or Medical/Veterinary Library <i>(insert name)</i>	(CD-ROM or Online Subscription)	med only (free or will purchase articles)	
DeVita: <u>Cancer: Principles and Practice of Oncology</u> , 10 th ed. (2015)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Withrow: <u>Veterinary Clinical Oncology</u> , 5 th Ed. (2012)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chabner: <u>Cancer Chemotherapy</u> , 5 th Ed. (2010)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tannock&Hill: <u>Basic Science of Oncology</u> , 5 th Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abbas: <u>Cellular and Molecular Immunology</u> , 8 th Ed. (2014)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Meuten: <u>Tumors in Domestic Animals</u> , 4 th Ed. (2002)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weinberg: <u>The Biology of Cancer</u> , 2 nd Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kirk: <u>Current Veterinary Therapy</u> XII, XIII, XIV, XV (1995, 2000, 2008, 2014)	<input checked="" type="checkbox"/> 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)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cowell: <u>Diagnostic Cytology</u> , 4 th Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hall: <u>Radiobiology for the Radiologist</u> , 7 th Ed. (2011)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ogilvie & Moore: <u>Feline Oncology</u> (2001)	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ogilvie & Moore: <u>Managing the Canine Cancer Patient</u> (2006)	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Henry & Higginbotham: <u>Cancer Management in Small Animal Practice</u> (2009)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Veterinary Clinics of North America- oncology-related issues</u> (2000-present)	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duncan: <u>Veterinary Laboratory Medicine: Clinical Pathology</u> , 5 th Ed. (2011)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weiss and Wardrop: <u>Schalm's Veterinary Hematology</u> , 6 th Ed. (2010)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Norman and Streiner: <u>Biostatistics- the Bare Essentials</u> , 4 th Ed. (2014)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<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>	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Veterinary Medical Association</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Steenbock Library, UW Madison			
<i>American Journal of Veterinary Research</i>	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Compendium for Continuing Education</i>	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Animal Hospital Association</i>	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Clinical Pathology</i>	<input type="checkbox"/> or Library: Steenbock Library, UW Madison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary and Comparative Oncology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Pathology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Surgery</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Radiology and Ultrasound</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of Small Animal Practice</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Research in Veterinary Science</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Immunology and Immunopathology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>New England Journal of Medicine</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Clinical Cancer Research</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Nature Reviews: Cancer</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Research</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Chemotherapy & Pharmacology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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

Yes No

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

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

Significant changes could include, but are not limited to:

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

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

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

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