

Part One

New applications for ACVIM Residency Training Programs must be received by the Residency Training Committee (RTC) 90 days prior to any residents beginning training. Before completing this form, please review the general and specific requirements for Oncology Residency Training Programs in the ACVIM Certification Manual (CM). The current version of the CM is available on the ACVIM website at [www.ACIVM.org](http://www.ACIVM.org).

Prior to making significant changes in a Residency Training Program, approval of the ACVIM and Oncology RTC must be obtained. The Candidate and/or Program Director must notify ACVIM, in writing before the changes are made to ensure that the proposed changes are approved. Significant changes could include, but are not limited to the following: changes in Program Director or 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:** The data collected in this form is necessary both for the ACVIM to maintain its accreditation as a Registered Veterinary Specialty Organization and also is required for renewal of the residency training program. Some of the data collected is required of every specialty and some is specific to the specialty of Oncology.

**For multi-site residency programs:** To ensure uniformity of training and compliance with current CM requirements, training programs that include multiple sites must provide detailed information regarding supervision and facilities available at each specific site(s). Multi-site programs, if any, will be addressed by the Program Director in Part Two.

Program Director Name:

Must be an active Diplomate of ACVIM in the Specialty of Oncology

Program Director's Contact Information:

Work Phone:	<input type="text" value="(541) 737-4812"/>
E-mail:	<input type="text" value="katie.curran@oregonstate.edu"/>
Mailing Address:	<input type="text" value="College of Veterinary Medicine&lt;br/&gt;172 Magruder Hall&lt;br/&gt;Corvallis, OR 97331"/>

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

Primary Site:	Length of Training Program:
<input type="text" value="Oregon State University"/>	<input type="text" value="3 year"/>

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 may supervise only two residents concurrently.**

<input type="text" value="Shay Bracha&lt;br/&gt;Kaitlin Curran"/>
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3. Supervising Diplomates: **There must be a minimum of two (2) ACVIM Oncology Diplomates per institution.**

<input type="text" value="Shay Bracha - Oncology&lt;br/&gt;Kaitlin Curran - Oncology&lt;br/&gt;Haley Leeper - Oncology"/>
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4. All onsite Diplomates of ACVIM responsible for supervision of clinical training who are specialists in areas other than Oncology.

Name and Specialty	Comments
<input type="text" value="Nicole LeBlanc - Cardiology&lt;br/&gt;Katherine Scollan - Cardiology&lt;br/&gt;Helio de Moraes - SAIM&lt;br/&gt;Jana Gordon - SAIM"/>	

5. 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	Start date (mm/dd/yyyy)	End Date (mm/dd/yyyy)	Resident Advisor Name*
Gabrielle Callanan	7/16/18	7/15/21	Shay Bracha



RESIDENCY TRAINING PROGRAM REGISTRATION  
2019-2020  
ONCOLOGY

Part Two

Part Two of the Oncology Residency Training registration and 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 Committee with information needed to judge the structure, quality, scope, and consistency of training provided.

Current Date:

Program Director Name:

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

Name of Sponsoring Institution (Residency Training Program):

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 Training Agreement Form from all institutions providing off-site training of oncology residents to this registration form. Each Training Agreement Form should specify the number of weeks scheduled at each site and the rotation requirement met. **Training Agreement Forms 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 Training Agreement Forms. 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:

2. Type of Training Program:

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Traditional 3 years	<input checked="" type="checkbox"/>
Non-traditional (Length in 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 type="checkbox"/>	<input checked="" 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
Shay Bracha	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Kaitlin M. Curran	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Haley Leeper	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR

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

Name of SAIM Diplomate(s)	Location
Helio de Morais	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Jana Gordon	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR

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 ACVS Surgery Diplomate(s) who will fulfill this requirement for the RTP.

Name of ACVS Diplomate(s)	Location
Milan Milovancev	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Katy Townsend	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Jennifer Warnock	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR
Jeffery Biskup	Oregon State University, Acheson Veterinary Teaching Hospital, Corvallis, OR

#### 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 DACVR-RO diplomates responsible for training in radiation oncology. Describe how Diplomates are involved in the supervision of residents and how direct contact in 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
Michael Kent	UC Davis	The Oregon State University oncology residents will spend a total of 8 weeks in dedicated radiation oncology training. This will be accomplished in 4 to 8 week blocks (up to 2 months total) under the direct supervision of Dr. Kent who will provide instruction and training in radiotherapy and radiobiological principles. This is a fulltime, clinical and didactic rotation in radiation oncology that will provide the Oregon State University oncology residents with direct contact with a board-certified radiation oncologist. Dr. Kent will provide instruction in clinical management of patients receiving radiation therapy, radiation planning, dosimetry, and physics related to clinical radiation therapy. A supporting letter from Dr. Kent is provided.
Janean Fidel	Washington State University	The Oregon State University oncology residents will spend a total of 8 weeks in dedicated radiation oncology training. This will be accomplished in 4 to 8 week blocks under the direct supervision of Dr. Fidel who will provide instruction and training in radiotherapy and radiobiological principles. This is a fulltime, clinical and didactic rotation in radiation oncology that will provide the Oregon State University oncology residents with direct contact with a board-certified radiation oncologist.

Susan LaRue	Colorado State University	<p>Dr. Fidel will provide instruction in clinical management of patients receiving radiation therapy, radiation planning, dosimetry, and physics related to clinical radiation therapy. A supporting letter from Dr. Fidel is provided.</p> <p>The Oregon State University oncology residents will spend a total of 8 weeks in dedicated radiation oncology training. This will be accomplished in 4 to 8 week blocks under the direct supervision of Dr. LaRue who will provide instruction and training in radiotherapy and radiobiological principles. This is a fulltime, clinical and didactic rotation in radiation oncology that will provide the Oregon State University oncology residents with direct contact with a board-certified radiation oncologist. Dr. LaRue will provide instruction in clinical management of patients receiving radiation therapy, radiation planning, dosimetry, and physics related to clinical radiation therapy. A supporting letter from Dr. LaRue is provided.</p>
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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 Diplome(s)	Site	Role in training residents
Susan Tornquist	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides instruction in cytology in small groups at a ten-headed microscope during the scheduled one hour weekly cytology rounds, and on an individual basis to the oncology residents in real time on submissions from the residents' patients when she is the attending clinical pathologist.
Elena Gorman	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides instruction in cytology in small groups at a ten-headed microscope during the scheduled one hour weekly cytology rounds, and on an individual basis to the oncology residents in real time on submissions from the residents' patients when she is the attending clinical pathologist.
Jennifer Johns	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides instruction in cytology in small groups at a ten-headed microscope during the scheduled one hour weekly cytology rounds, and on an individual basis to the oncology residents in real time on submissions from the residents' patients when she is the attending clinical pathologist.

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
Robert Bildfell	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at the scheduled, one hour, weekly surgical pathology conference as well as leading gross pathology rounds when on service.
Beth Valentine	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at scheduled, one hour, weekly surgical pathology conference as well as leading gross pathology rounds when on service.
Sean Spagnoli	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at scheduled, one hour, weekly surgical pathology conference as well as leading gross pathology rounds when on service.
Christiane V. Lohr	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at weekly surgical pathology conference as well as leading gross pathology rounds when on service. Dr. Lohr also leads the onc-surg-path teaching rounds for our residents once a month.
Duncan Russell	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at weekly surgical pathology conference as well as leading gross pathology rounds when on service. Dr. Russell also leads the onc-surg-path teaching rounds for our residents once a month.
Mark Ackermann	Oregon State University, Oregon Veterinary Diagnostic Laboratory	Provides expertise at weekly surgical pathology conference as well as leading gross pathology rounds when on service.

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
Stacy Cooley	Oregon State University, Acheson Veterinary Teaching Hospital	Direct instruction of rotating oncology residents in reading radiographs, CT, and MRI images, and interpreting ultrasounds.

6d. 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), American or 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 other ACVIM diplomates not previously listed or other non-ACVIM diplomates that will be involved with resident training 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
Susanne Stieger-Vanegas	European College of Veterinary Radiology	OSU, Acheson Veterinary Teaching Hospital	Dr. Stieger-Vanegas is our second radiologist with great expertise in all aspects of clinical radiology. Her experience and expertise is

Thomas Riebold	ACVA	OSU, Acheson Veterinary Teaching Hospital	invaluable towards the oncology residents' training when she is the attending radiologist providing guidance and instruction on the residents' daily cases. Consultant in anesthesiology with emphasis on special needs of oncology patients undergoing anesthesia for biopsy, surgery, ultrasound examination, CT or MRI scanning.
Ron Mandsager	ACVA	OSU, Acheson Veterinary Teaching Hospital	Consultant in anesthesiology with emphasis on special needs of oncology patients undergoing anesthesia for biopsy, surgery, ultrasound examination, CT or MRI scanning.
Charles Estill	ACT	OSU, Acheson Veterinary Teaching Hospital	Theriogenology consultant in neoplasia of the reproductive tract for the oncology residents.
Nicole LeBlanc	ACVIM (Cardiology)	OSU, Acheson Veterinary Teaching Hospital	Consultation in cardiology with emphasis on patients undergoing doxorubicin treatments, special needs of oncology patients undergoing sedation or anesthesia with pre-existing heart disease, and discussion related to heart-based or cardiac tumors.
Katherine Scollan	ACVIM (Cardiology)	OSU, Acheson Veterinary Teaching Hospital	Consultation in cardiology with emphasis on patients undergoing doxorubicin treatments, special needs of oncology patients undergoing sedation or anesthesia with pre-existing heart disease, and discussion related to heart-based or cardiac tumors.

#### 7. FORMAL STRUCTURED RESEARCH (CM 8.0):

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.

The resident will have at least 8 weeks of dedicated research time. This will be distributed throughout the 3-year program, but will generally follow 4 weeks in year 1, 4-6 weeks in year 2, and 4-6 weeks in year 3. However, this timing may be adjusted based on the needs of the resident and the research he/she is pursuing.

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 residents will be given the opportunity to participate in a project to test a hypothesis through laboratory bench experimentation pertaining to translational cancer research in the oncology laboratory, room 274 Magruder Hall, Corvallis, Oregon. This is a unique opportunity as we have a dedicated, fully-equipped oncology research laboratory and access to a variety of campus core facilities supportive of cancer research. In lieu of this, the resident may select a clinical project intended



to verify a clinical hypothesis. In either case, a project will be initiated in year one of the program under the mentor's guidance. Throughout the 3-year program, the residents will be given sufficient out-of-clinic time to complete the project (at least 8 weeks total). The residents will be required to publish research results as the primary author in a timely manner, preferably in a high impact cancer journal or veterinary journal (e.g., JVIM, VCO, Veterinary Pathology, etc).

#### 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: 1 hour every week (Monday 8:00-9:00 AM). Every other week, a journal article from a clinical cancer or veterinary research journal (e.g. JVIM, VCO, AJVR, JAVMA, Cancer Research, Clinical Cancer Research, Blood, etc.) is presented and discussed by faculty, residents and students on the oncology rotation. On alternating weeks, an oncology house officer or oncology faculty member presents on an in-depth topic related to veterinary or human cancer, and highlights 4-5 contemporary journal articles. These rounds are focused on boards preparation and oncology house officer learning.

Oncology House Officer Book Club: 1 hour every other week (Friday 2:00-3:00 PM). In these rounds, oncology house officers rotate presenting reviews of book chapters (e.g. Small Animal Clinical Oncology, The Biology of Cancer, etc.) and oncology faculty members discuss important topics for expanding clinical and research knowledge, and to highlight areas important for boards preparation.

#### 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 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.

Onc-Surg-Path rounds: 1-hour per month, (Thursday 8-9 AM). This forum is used to discuss challenging oncology cases among the medical oncology, surgical oncology and pathology teams. These rounds are attended by the oncology faculty and residents, soft tissue surgery faculty, all surgery residents, and clinical and anatomic pathology faculty and residents. These rounds include a case review, literature discussion, and assessment of diagnostic approach and new protocols, treatments, etc. to use in the clinic or pursue as part of clinical research.

Cytology Conference (1-hour/week, 8-9 AM Friday): Interesting cytological samples are presented at the multi-headed teaching microscope by Drs. Susan Tornquist, Jennifer Johns or Elena Gorman, all Diplomates, ACVP (clinical) and used as a cytology teaching forum. Case materials from oncology patients are routinely presented and discussed.

Microscopic (Surgical) Pathology rounds (1-hour per week, 10-11 AM Wednesday). This conference is attended and led by VTH pathologists. Interactive discussions led by the faculty where residents review the histopathological appearance of lesions at the multiheaded microscope, and correlate these pathological lesions with disease presentations and clinical course. Oncology residents are required to attend and discuss oncology cases.

Physiology Rounds (1-hour/week, Tuesday 8-9 AM): ACVIM preparatory forum presented by all residents (Large and Small Animal). Basics of various organ physiological functions are reviewed in preparation for ACVIM boards. Led by ACVIM internal medicine specialists.

Comparative Cancer Biology course (Oregon State University). This is a 10 session (2 hrs each) course taught by Dr. Shay Bracha (DACVIM - Oncology) and Dr. Elena Gorman (ACVP) on site in the winter quarter of every other year. The sessions cover the basic science of cancer biology as well as topics related to the molecular aspects of selected tumors including melanoma, hemangiosarcoma, osteosarcoma, soft tissue sarcomas, multiple myeloma, mammary carcinoma, mast cells tumors, leukemias and lymphomas. Sessions take place every other year, and oncology residents are required to attend.

Internal Medicine Journal Club (1-hour/week, 8:30-9:30 AM Wednesday). House officers including oncology residents participate

in weekly review of published internal medicine clinical research. These rounds are focused on boards preparation and house officer learning.

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).

The residents are expected to make regular presentations at oncology journal club and oncology book club rounds, approximately 2-3 times/month. Once every six months, the residents present a review of a challenging case at the Onc-Surg-Path rounds.

The residents are expected to attend the Annual Conference of the Veterinary Cancer Society (2 of the 3 years of the program); and one major national or international cancer conference (e.g., ACVIM Annual Forum, Keystone Symposia, Annual Conference of the Society of Biological Therapy, EORTC conference [Europe], American Association for Cancer Research, etc.) The residents will be expected to present a poster or oral presentation based on a research project (clinical or basic) at any conference attended.

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 are expected to attend the Annual Conference of the Veterinary Cancer Society for 2 of the 3 years of the program. Additionally, they are expected to attend one ACVIM Annual Forum, a Keystone Symposia, Annual Conference of the Society of Biological Therapy, EORTC Conference, or American Association for Cancer Research. The resident will be expected to present a poster or oral presentation based on a research project (clinical or basic) at any conference attended.

#### 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.

Residents will have formal examination review sessions in a variety of formats. These include oncology journal club and oncology house officer book club as outlined above. Additionally, they will participate in physiology rounds which focus on preparation for the general examination (see above under lecture series). In addition, residents will participate in the Comparative Cancer Biology course offered twice throughout the 3-year residency (see above under lecture series). Residents will also be required to attend the Veterinary Cancer Society Annual Meeting twice throughout their program and will be encouraged to attend the resident review workshop each time.

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

11. 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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12. 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. The RTP may use the standardized evaluation form (provided by ACVIM) or a similar internal evaluation document. If an internal evaluation document is used, it must include discussion of the 8 core competencies outlined in the standardized form including patient care, medical knowledge, practice-based learning, interpersonal and communication skills, professionalism, didactic learning, clinical research and publication productivity, and teaching ability.

Does your program comply with these standards of resident evaluation?

Yes      No  
     

If no, please explain:

13. 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- a Class II B chemotherapy hood is used for mixing chemotherapy, Equashield® closed system is used for all chemotherapy treatments, technicians and any individuals involved with the chemotherapy administration are fully gowned, gloved, masked and are wearing eye protection (PPE).
g) Nuclear Medicine	Y	On-site
h) Computed Tomography	Y	On-site
i) Magnetic Resonance Imaging	Y	On-site
j) Radiation Therapy Facility	N	On site- Intra-beam, intra-operative radiation machine (Zeiss)  Off site- curative and palliative intent cases are referred to UC Davis, CSU, or WSU.
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.

14. 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 **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 <sup>th</sup> ed. (2015)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Withrow: <u>Veterinary Clinical Oncology</u> , 5 <sup>th</sup> Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chabner: <u>Cancer Chemotherapy</u> , 5 <sup>th</sup> or 6 <sup>th</sup> Ed. (2011, 2019)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tannock&Hill: <u>Basic Science of Oncology</u> , 5 <sup>th</sup> Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abbas: <u>Cellular and Molecular Immunology</u> , 9 <sup>th</sup> Ed. (2017)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Meuten: <u>Tumors in Domestic Animals</u> , 5 <sup>th</sup> Ed. (2016)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weinberg: <u>The Biology of Cancer</u> , 2 <sup>nd</sup> Ed. (2013)	<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 <sup>th</sup> Ed. (2015)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cowell, Taylor & Meinkoth: <u>Diagnostic Cytology and Hematology of the Dog and Cat</u> , 4 <sup>th</sup> Ed. (2014)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hall: <u>Radiobiology for the Radiologist</u> , 7 <sup>th</sup> Ed. (2012)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ogilvie & Moore: <u>Feline Oncology</u> (2001)	<input checked="" type="checkbox"/> or Library:	<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"/>
Raskin and Meyer: <u>Canine and Feline Cytology – a color atlas and interpretation guide</u> , 3rd edition (2015)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Latimer: Duncan & Prasse's <u>Veterinary Laboratory Medicine: Clinical Pathology</u> , 5 <sup>th</sup> Ed. (2011)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feldman, Zinkl and Jain: <u>Schalm's Veterinary Hematology</u> , 6 <sup>th</sup> 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 <sup>th</sup> 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: <a href="http://guides.library.tamu.edu/acvim">http://guides.library.tamu.edu/acvim</a>				
<i>Journal of Veterinary Internal Medicine</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Veterinary Medical</i>				

Association	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>American Journal of Veterinary Research</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Animal Hospital Association</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Clinical Pathology</i>	<input type="checkbox"/> or Library:	<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 &amp; Pharmacology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of Feline Medicine and Surgery</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of Comparative Pathology</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>BMC Veterinary Research</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>The Veterinary Journal</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Nature</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cell</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Science</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>PLoS Journals</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>BMC (Biomed Central) Journals: Genomics, Cancer, Genetics, Molecular Cancer</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Immunology/Immunotherapy</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Clinical and Experimental Metastasis</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Oncogene</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Mammalian Genome</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer Gene Therapy</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Comments:
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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:
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**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.**