

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.ACVIM.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="(515) 294-4900"/>
E-mail:	<input type="text" value="musser.meg@gmail.com"/>
Mailing Address:	<input type="text" value="College of Veterinary Medicine
1809 S Riverside Drive
AMES, IA 50011"/>

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

Primary Site:	Length of Training Program:
<input type="text" value="Iowa 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="Chad Johannes
Margaret Musser"/>
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3. Supervising Diplomates: **There must be a minimum of two (2) ACVIM Oncology Diplomates per institution.**

<input type="text" value="Shawna Green - Oncology
Chad M. Johannes - Oncology & SAIM
Margaret Musser - 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="Jean-Sebastien Palerme - SAIM
Laura Van Vertloo - 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*
Erika Berger	8/5/17	8/15/20	Chad Johannes
Giovanna Coto	7/16/18	7/16/21	Margaret Musser



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:

Radiation Oncology at North Carolina State University with Dr. Michael Nolan: 8 weeks over the course of three years. Will meet the required weeks of direct radiation therapy case supervision.

2. Type of Training Program:

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 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
Chad Johannes Margaret Musser Shawna Green	Iowa State University (ISU) Iowa State University Iowa Veterinary Specialities

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
Jean-Sebastien Palerme Laura Van Vertloo	Iowa State University (ISU) Iowa State University

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
Eric Zellner	Iowa State University (ISU)

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 Nolan	North Carolina State University	Direct supervision of off-site training for radiation oncology in two-week blocks. Direct case supervision, daily case rounds, and teaching

		rounds are completed and supervised by Dr. Nolan.
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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 Diplomat(e)s	Site	Role in training residents
Clarie Andreasen Austin Viall Shannon Hostetter	Iowa State University (ISU) Iowa State University Iowa State University	Direct supervision of residents on two week clinical pathology rotations. Weekly pathology rounds (combined with histopathology) are also completed.

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 Diplomat(e)s	Site	Role in training residents
Joseph Haynes Jesse Hostetter Jodi Smith Amanda Fales-Williams Michael Yaeger	Iowa State University (ISU) Iowa State University Iowa State University Iowa State University Iowa State University	Weekly (Thursdays) anatomic pathology rounds are attended by the oncology resident(s) and directly supervised by all pathologists. Once monthly, radiology/pathology combined rounds are held and supervised by boarded pathologists and radiologists. These are also attended by the oncology diplomate on clinics.

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 Diplomat(e)s	Site	Role in training residents
Kristina Miles Elizabeth Riedesel Jennifer Fowler	Iowa State University (ISU) Iowa State University Iowa State University	Direct supervision of oncology resident(s) while on two week diagnostic imaging rotations. Direct case supervision, daily case rounds, and teaching rounds are completed.

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
Albert Jergens Dana LeVine	ACVIM (IM) ACVIM (IM)	ISU ISU	All diplomates participate in direct supervision of oncology resident(s) that elect to rotate through

April Blong Rebecca Walton	ACVECC ACVECC	ISU ISU	their clinics as part of their training program. This includes case supervision, daily case rounds, and teaching rounds.
Rachel Allbaugh Lionel Sebbag Gil Ben-Shlomo	ACVO ACVO ACVO/ECVO	ISU ISU ISU	
Kral Kraus William Hoefle	ACVS ACVS	ISU ISU	
Darren Berger	ACVD	ISU	
Brenda Mulherin	AVDC	ISU	
Bonnie Hay Kraus	DACVS, DACVAA	ISU	
Karin Allenspach	DECVIM-CA	ISU	

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.

During the oncology residency at ISU, our residents are expected to start a clinical research project in the first year. These projects are structured such that data accural and analysis can be completed by the middle of the second year, allowing for ample time to write and submit a manuscript by the third year of the residency. In addition, residents are expected to collect data for a retrospective manuscript for submission by the end of the first year.

Year 1: 5 weeks are devoted to research
Year 2: 3 weeks are devoted to research
Year 3: 3 weeks are devoted to reasearch

Total: 11 devoted weeks of research time during the 3-year residency.

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)

Along with the expected clinical study and retropective study which are both resident driven, the oncology department as a whole has multiple on-going projects that residents have the opportunity to participate in. This allows for multiple opportunities for writing first-author papers should data from their research project not mature in a timely manner.

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.

We participate in oncology journal club once weekly, every Thursday morning from 7am to 8am. This is required and is

supervised by either Dr. Johannes, Dr. Musser, or most frequently, both. A minimum of three, up to a maximum of six, pertinent, recent journal articles are discussed and critiqued. Written summaries of each article are completed by the residents and distributed to the group. One multiple choice question in ACVIM-boards format is required to be written by the person reviewing the article and answered by those in attendance.

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.

All residents at ISU must give a resident/grand rounds seminar. These take place weekly every Thursday morning from 8am to 9am and are required for oncology residents. The oncology diplomate on service also attends these rounds with the residents to facilitate further discussion.

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 oncology resident(s) are required to give one hour-long grand-rounds presentation each year of the residency. These presentations are critiqued by all faculty in attendance, and written feedback is provided. The resident(s) have opportunities and are encouraged to speak at local meetings of the Iowa State Veterinary Medical Association, and are encouraged to speak at the Veterinary Cancer Society Meeting or the ACVIM Forum at least once during 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

The oncology resident(s) is(are) required to attend at least one conference, preferably the Veterinary Cancer Society meeting in the fall. They are encouraged to attend yearly, and financial support is obtained when possible to help offset the costs. Attendance at ACVIM is also encouraged, but not required. Attendance and participation at local events such as the Iowa State Veterinary Medical Association meetings (held twice yearly) and local CE events hosted by the college is encouraged and supported.

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.

The residents are required to attend the formal resident review sessions at the Veterinary Cancer Society Annual meeting for each year that they attend the meeting. They are encouraged to attend at least one ACVIM Forum during their residency. For more consistent training, they are encouraged to attend internal medicine journal club (held on Monday mornings at 8 am) and internal medicine book club (covering the readings required for the general examination held, Friday mornings at 9 am). Oncology specific book club, reviewing Tannock and Hill, Chabner, Weinberg, etc, is required and is held every Tuesday morning at 8am. Oncology specific journal club is required and is held every Thursday morning from 8-9 am.

In the spring semester, an advanced medicine course is required for the internal medicine and oncology resident(s) every Friday morning from 8-9 am. This covers in-depth, pertinent topics within the discipline of internal medicine with the goal of general boards preparation.

SUMMARY OF AVAILABLE REVIEW SESSIONS

Every Monday 8-9 am: Internal Medicine Journal Club
 Every-other Monday 8-9 am: Surgical-Oncology Rounds
 Every Tuesday 8-9 am: Oncology Book Club
 Every-other-Wednesday 3-4 pm: Emergency and Critical Care Rounds for Residents
 Every Thursday 7-8 am: Oncology Journal Club
 Every Thursday 8-9 am: House Officer Grand Rounds
 Every Thursday 12-1 pm: Histopathology Rounds
 Every Friday 9-10 am: Medicine Book Club or Advanced Medicine Board Prep Class
 Once Monthly on the Second Tuesday 8-9 am: Morbidity and Mortality Rounds for all House Officers
 Once Monthly on the Fourth Wednesday 8-9 am: ECG/Cardiology Rounds
 Once Monthly on the last Friday of the month 12-1 pm: Work in Progress Research Seminar given by faculty

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.

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"/>
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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

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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If no, please explain:

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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,	Y	On-site

Cytology, parasitology, microbiology, and endocrinology)		
f) Appropriate safety equipment for handling chemotherapy (briefly summarize what is available in the column Location of Equipment).	Y	Clean room with hood for safely drawing up chemotherapy; Equishield closed system; PPE including eye goggles, face shields, and chemotherapy specific gloves; a room specifically for administering chemotherapy is present in the oncology suite.
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 opening February 4, 2019; North Carolina State University
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.

Working closely with Dr. Michael Nolan at NC State and visiting for direct supervision will allow for case management and research.

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 th ed. (2015)	<input checked="" type="checkbox"/> or Library:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Withrow: <u>Veterinary Clinical Oncology</u> , 5 th Ed. (2013)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chabner: <u>Cancer Chemotherapy</u> , 5 th or 6 th Ed. (2011, 2019)	<input checked="" type="checkbox"/> or Library:	<input checked="" 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> , 9 th Ed. (2017)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Meuten: <u>Tumors in Domestic Animals</u> , 5 th Ed. (2016)	<input checked="" type="checkbox"/> or Library:	<input checked="" 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"/>
Feldman & Nelson: <u>Canine and Feline Endocrinology and Reproduction</u> , 4 th Ed. (2015)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cowell, Taylor & Meinkoth: <u>Diagnostic Cytology and Hematology of the Dog and Cat</u> , 4 th 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 th				

Ed. (2012)	<input checked="" type="checkbox"/> or Library:	<input checked="" 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, 3rd edition</u> (2015)	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Latimer: Duncan & Prasse's <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"/>
Feldman, Zinkl and Jain: <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 checked="" 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 checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Veterinary Medical Association</i>	<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 checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary and Comparative Oncology</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Pathology</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Surgery</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Radiology and Ultrasound</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of Small Animal Practice</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Research in Veterinary Science</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Veterinary Immunology and Immunopathology</i>	<input checked="" type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Cancer</i>	<input type="checkbox"/> or Library: ISU Parks Library	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>New England Journal of Medicine</i>	<input type="checkbox"/> or Library: ISU Parks Library	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Clinical Cancer Research</i>	<input type="checkbox"/> or Library: ISU Parks 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: Texas A&M Online	<input 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"/>

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.