

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.

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="(352) 215-4300"/>
E-mail:	<input type="text" value="amandelejeune@gmail.com"/>
Mailing Address:	<input type="text" value="2089 SW 16th Ave.
Small Animal Hospital
Gainesville, FL 32608"/>

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

Primary Site:

Length of Training Program:

<input type="text" value="University of Florida"/>	<input type="text" value="4 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="Sandra Bechtel
Amandine Lejeune
Rowan Milner
Carlos Souza
Anna Szivek"/>
--

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

<input type="text" value="Sandra Bechtel - Oncology
Amandine Lejeune - Oncology
Rowan Milner - Oncology
Carlos Souza - Oncology and ACVS
Anna Szivek - Oncology"/>
--

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="Michael Aheme - Cardiology"/>	

Darcy Adin - Cardiology Amara Estrada - Cardiology Meg Sleeper - Cardiology Simon Swift - Cardiology Gabrielle Garcia - Neurology Sheila Carrera-Justiz - Neurology Kirsten Cooke - SAIM Richard Hill - SAIM Andrew Specht - SAIM Alexander Gallagher - SAIM Stuart Walton - 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*
Alexis (Mia) Livaccari	8/1/16	7/1/20	Amandine Lejeune
Kristen Young	8/1/17	7/1/21	Amandine Lejeune
Jordan Ayers	8/1/18	7/1/22	Sandra Bechtel



**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:

[None \(0\), all required rotations are done on site](#)

2. Type of Training Program:

Traditional 3 years	<input type="checkbox"/>
Non-traditional (Length in years)	4 year residency, first year is a master, 3 following years are dedicated to residency/clinical training.
For non-traditional programs, please provide details. Note that programs must be at least 3 years (156 weeks) in length.	<p>The first year of the program is dedicated to pursuit of the MS degree (emphasis in cancer biology) and is designed to provide the resident with a sound foundation in research as well as cancer biology and statistics prior to the commencement of the clinical training.</p> <p>During the first year of the program, the resident will be enrolled in graduate courses and will be actively involved in his/her thesis project research. The candidate will pursue a hypothesis driven master's research project that has been previously identified by the supporting Oncology faculty that will ultimately result in a thesis with defense. The graduate student will be involved in TA of the veterinary students.</p> <p>The resident will begin the clinical portion of the program at the beginning of their second year. Clinical training and experience will be provided via case management and care of companion animals with oncological diseases. During the final three years</p>

	of the program, approximately 70% of the resident's time is devoted to clinical service (emphasis will be placed on clinical medicine, teaching, clinical research) with the remaining 30% of time reserved for research and personal development
--	---

3. Advanced Degree:

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

Required for residency certificate: Yes No

Comments: The resident candidate will be defending thesis for the master (emphasis in cancer biology) during the clinical residency

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

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

Name of Oncology Diplomates	Location
Dr. Amandine Lejeune, DACVIM (Medical Oncology) Dr. Anna Szivek, DACVIM (Medical Oncology)	University of Florida, veterinary teaching hospital, College of Veterinary Medicine, oncology department
Dr. Rowan Milner, BVSc, PhD, DECVIM, DACVIM (Medical Oncology)	University of Florida, veterinary teaching hospital, College of Veterinary Medicine, oncology department
Dr. Carlos Souza, DACVIM (oncology), DACVS, MS, surgical oncologist	University of Florida, veterinary teaching hospital, College of Veterinary Medicine, oncology department
Dr. Sandra (Axiak) Bechtel, DACVIM (Medical Oncology)	University of Florida, veterinary teaching hospital, College of Veterinary Medicine, oncology department

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
Dr. Kristen Cooke Dr. Alexander Gallagher Dr. Richard Hill Dr. Andrew Specht Dr. Stuart Walton	All are at the University of Florida, veterinary teaching hospital, College of Veterinary Medicine

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

Dr. Daniel Lewis Dr. Brad Case Dr. Gary Ellison Dr. Matthew Johnson Dr. Stanley Kim Dr. Marina McConkey Dr. Carlos Souza Dr. Penny Regier	All are at the University of Florida, veterinary teaching hospital, College of Veterinary Medicine
--	--

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
Dr. Keijiro Shiomitsu, (DACVR, RO)	University of Florida College of Veterinary Medicine, oncology	Dr. Keijiro Shiomitsu is part of our integrative oncology service at the University of Florida. He oversees the radiation cases, performs treatment plannings and consultations for the patients coming through oncology. He also supervises our residents for their onsite radiation therapy rotation (8 weeks); he teaches them radiobiology, treatment planning basics, and provides mentored radiation oncology training all year long. He also is involved in some of the residents' research projects.

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
Dr. Sarah Beatty Dr. Mary Leissingner	University of Florida College of Veterinary Medicine	Direct access to clinical pathologist during working hours for consultations. The residents get monthly 1-hr long clinical pathology rounds with our UF clinical pathology team. During these rounds they review cytology slides from UF oncology cases or from outside cases. Our residents also perform 1 to 2 week long rotations in clinical pathology during their first or second year.

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
Dr. Jeff Abbott Dr. Lisa Farina Dr. Mike Dark Dr. Julia Conway Dr. Pamela Ginn Dr. William Craft Dr. Serena Craft	University of Florida College of Veterinary Medicine	Direct access to clinical pathologist during working hours for consultations. The residents get weekly (1-hr long) pathology rounds with our UF pathology team. During these rounds they review biopsy slides from UF oncology cases or from outside cases

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
Dr. Matt Winter (DACVR) Dr. Erin Porter (DACVR) Dr. Robson Giglio (DACVR) Dr. Aitor Gallastegui (DACVR) Dr. Frederico Vilaplana Grosso (DECVDI)	University of Florida College of Veterinary Medicine	2 weeks of direct contact via an onsite clinical rotation as well as being available daily for the daily consultations on clinical cases.

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
Dr. Kristen Cooke Dr. Alexander Gallagher Dr. Richard Hill Dr. Andrew Specht	ACVIM internal medicine	University of Florida College of Veterinary Medicine	Our residents complete at least two 2 weeks blocks (total 4 weeks, at least) in internal medicine during their first and or second year. During the internal medicine rotation, they have primary responsibility of cases, receive new consultations, rechecks and also transfers from our ECC department. They have rounds with the internal medicine faculty twice a day during their rotation
Dr. Simon Swift Dr. Michael Aherne Dr. Amara Estrada Dr. Meg Sleeper Dr. Darcy Adin	ACVIM cardiology		
Dr. Gabriel Garcia Dr. Sheila Carrera Justiz	ACVIM neurology		Our residents will spend 2 weeks blocks in cardiology or neurology or ICU based on their interest.
Dr. Rosanna Marsella Dr. Dunbar Gram Dr. Domenico Santoro	Dermatology (ACVD)		The dermatology section provides clinical service, consultations and internal referrals to the oncology service. Oncology residents have

Dr. Carlos Souza Dr. Judith Bertran	Surgical Oncology (ACVS)		direct contact and interaction with dermatology faculty members. The oncology service is intergrated with ACVS boarded surgeons who have received additional subspecialty/ fellowship training in surgical oncology. They also spend 1-2 weeks in surgical oncology as well during the residency.
Dr. Carryn Plummer Dr. David Whitley	Ophthalmology (ACVO)		The ophthalmology section provides clinical service, consultations and internal referrals to the oncology service. Oncology residents have direct contact and interaction with ophthalmology faculty members
Dr. Ralph Hamor Dr. Luisito Pablo Dr. Fernando Garcia-Pereira, Dr. Bonnie Gatson Dr. Alanna Johnson Dr. Diego Portela Dr. Marta Romano	Anesthesiology (ACVA)		The anesthesia/pain management section provides clinical anesthesia coverage as well as consultations for pain management.
Dr. Justin Shmalberg Dr. Joseph Wakshlag Dr. Richard Hill	Integrative medicine, rehabilitation, nutrition (DACVCMR, DACVN)		Physical therapy, rehabilitation, hyperbaric oxygen, Acupuncture and Nutrition consultation support as well as parenteral nutrition formulation
Dr. Daniel Lewis Dr. Brad Case Dr. Gary Ellison Dr. Matthew Johnson Dr. Stanley Kim Dr. Marina McConkey Dr. Penny Regier	Surgery (ACVS)		The soft tissue and orthopedic surgery section provides additional surgical support, resources and consultation services including a physical therapy/rehab service. The critical care service provides post operative monitoring and intensive care services including hemodialysis, plasmapheresis, ventilator support. Daytime, Evening, nighttime and holiday emergency services are also provided. Oncology residents have direct contact and interaction with ECC faculty members and it is common that we will consult with them regarding our critical patients.
Dr. Ashley Allen-Durrance Dr. Gareth Buckley Dr. Travis Lanaux Dr. Bobbi Conner Dr. Michael Schaer Dr. Leonel Londoño	Critical Care & Emergency Medicine (ACVECC)		
Dr. Travis Laver Dr. Kim Selting Dr. Kayla Harding Dr. David Vail Dr. Laura Garrett Dr. Shay Bracha Dr. Karri Miller	ACVIM oncology		These listed diplomats in oncology have come to locum at UF and have overseen some of our residents in conjunction to the current UF oncology faculty. These locums occurred while a UF faculty was already on clinics as well to provide additional support due to busy caseload.

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.

Our residents in the 3-year residency-training program get an average of 15 weeks dedicated for research during the 3-year residency. This is in addition to personal development weeks (4-6 weeks) and study time for boards (4 weeks during second year and 6 weeks during third year, total of 10 weeks).

Two of the 15 weeks are dedicated to a research course (typically during the first year) where the resident is trained on how to write a grant, how to delineate an hypothesis, how to perform statistical analysis etc. During these two weeks the resident works on writing a research project that he/she will complete during the residency. For example: Dr. Fox-Alvarez delineated a prospective project in canine patients with lymphoma, and this project will be started now. She also worked on a retrospective case serie that is due to be submitted this month.

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 residency master program requires that each resident conduct an independent research project (basic science/bench-top +/- clinical study). Each resident is required to prepare at least two manuscripts suitable for publication from their research project during the master program. Each resident's assigned research mentor offers each incoming first year master resident various projects based upon the collated ideas for projects from all the oncology faculty. Projects are selected based on their experience as well as the number and type of ongoing projects already being conducted in the oncology research lab shared by the entire oncology faculty. Each project/resident has a committee that helps them with their research made up on members of the oncology faculty.

Examples:

Dr. Hutchison completed a master project looking at MDSCs in canine patients with melanoma undergoing immunotherapy. She developed a research protocol and was able to collect clinical samples and assess the sample MDSCs levels. She also worked on a retrospcetive study on histiocytic sarcoma. She wrote and defended her thesis successfully and submitted a research paper on canine MDSCs (under review currently). During her master program she did take a 3 credits course on statistics, and cancer biology course as well, in addition to TAs and lab research. Our master residents get support from the faculty team, our bioscientific techs and post docs working in the oncology lab.

Dr. Livaccari performed a bench top research project on Osteosarcoma cell lines and fenretinide, she is working currently on writing up her results for her thesis and publication.

The defense is typically done during the third or fourth year of the residency/master program, although this may depend on the research pursued, therefore Dr. Jackson and Dr Ayers have not published/completed their project yet (still undergoing).

Funding for each resident project comes from either an annual resident grant competition sponsored by the UF College of Veterinary Medicine's Office of Research and funds from fundraising/development efforts. The oncology service has a robust development program that provides us access to funds dedicated for research performed by members of the oncology service.

Our research lab also performs granting agency and private foundation sponsored research and some residency projects are paid from these funds as well.

As part of the master year, our residents gets the opportunity to participate in a basic science training camp tat the Smith College o learn about laboratory techniques such as PCR etc. (<https://www.neb.com/promoting-science-education/molecular-biology-summer-workshops>.) This opportunity definitively helps our candidate to formulate and complete a research project for their master.

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 have mandatory Oncology Journal Club (JC) conducted every week (1 hour, 2 to 4 articles discussed) on Mondays or Tuesday morning (was in the past on Fridays at 11:30AM).

> Content of JC should focus on topics likely to appear on the oncology specialty examination, as well as good basic science or human clinical oncology articles, and should primarily come from sources within the past 2-3 years.

> Purpose: To review literature in pertinent journals, to both prepare the residents for boards and to expand the knowledge base of the service.

> Presentation style: Two presenters are assigned for the JC. One article should be chosen by the presenter and sent to the group by Wednesday evening. Salient points from the article should be discussed in addition to related articles or pathophysiology/molecular background. Presentations are 30 minutes in length, including discussion. Alternatively when doing a Reading Rainbow JC (4 articles per hour): each resident is assigned an article in advance. The most relevant points of the article will be discussed. Discussion should be limited to 15 minutes per article.

> Schedule for year 2018-2019. (one hour meetings)

DATE	Mon	JC
July	9	Rainbow (residents)
July	16	Stacey/Larissa
July	23	Rainbow
July	30	AS/KJ
Aug	6	Rainbow
Aug	13	ATL/ML
Aug	20	Board prep Qs
Aug	27	Rainbow
Sept	3	SB/ SFA
Sept	10	Rainbow
Sept	17	AS/ LC
Sept	24	Rainbow
Oct	1	KJ/SH
Oct	8	Rainbow
Oct	22	KJ/JA
Oct	29	Rainbow/VCS Abstracts
Nov	5	ATL/ML
Nov	12	Rainbow
Nov	26	JA/SH
Dec	3	Rainbow
Dec	10	KS/SFA
Jan	7	SB/SH
Jan	14	Board prep Qs
Jan	21	ML/SH
Feb	4	Rainbow
Feb	11	ATL/KJ
Feb	18	JA/SFA
Mar	4	Rainbow
Mar	11	Milner/Mia
Mar	18	Rainbow
Apr	1	KS/LC
Apr	8	KJ/JA
Apr	15	Board prep Qs
June	24	Rainbow
July	8	Rainbow
July	15	LC/SFA

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.

1) Grand Rounds, (three Wednesday per month, 1 hour long) 8-9AM - each oncology resident has to present annually in this hospital/college wide series - this seminar typically involves presentation of two 30 min clinical cases each time.

- 2) Morbidity and Mortality Rounds (one Wednesday 8-9AM a month, 1 hour long) - each oncology resident has to present annually in this hospital/college wide series; the presentation is 50 minutes long
- 3) Phi Zeta Research Day (one to two days every year) - our oncology residents are encouraged to submit abstracts for poster or seminar presentations at the annual research day, at least once during their residency
- 4) We strongly encourage our residents to present at VCS at least once during their residency. They attend the annual conference for a total of twice to three times during their residency. We provide them the opportunity to present at either the annual Veterinary Cancer Society or ACVIM meeting.
- 5) Thursday 8-9AM Board specialty rounds (three Thursday per month, 1 hour long): the faculty presents topics as well as the residents (they present 2-3 topics during the year, 1 hr long topic). These are Board specialty rounds on Cancer Biology (Tannock & Hill), clinical oncology (literature review, review of Withrow and McEwen textbook), chemotherapy (literature review, Chabner)
- 6) Seminars in Internal Medicine VEM 6939 (2-3 Fridays per month 8-9AM, up to 4 Fridays per month) - these are 1 hours long lectures on topics of internal medicine, such as IMHA, hemostasis, Diabetes, immunology, nutrition etc.
- 7) Communication rounds, occasional Fridays 8-9AM: thorough the year, residents receive coaching regarding communication with clients and coworkers as formal lectures or labs/discussion with faculty
- 8) UF-Shands Cancer Center Research Day - annually held meeting to present research either as a poster or presentation;
- 9) University of Florida Cancer Center Seminar Series-topics of interest covering topics including cancer biology, radiation biology, surgical oncology presented once weekly (1 hour - optional), on Friday AM
- 10) Case rounds conducted twice a day (30 minutes duration during AM/ 1 hour duration during PM) during clinics – the daily cases are discussed with all the faculty in oncology and imaging and lab results of the day are reviewed.
- 11) Weekly Oncology Journal clubs (1 hour long, every week) - see 8 above.
- 12) Complex cases rounds every Friday (30 minutes to 1 hour) to discuss cases that need multimodal therapies (radiation/surgery/chemotherapy) or need to have a diagnostic and or therapeutic plan discussed as a team with all faculty and residents

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).

- 1) Grand Rounds - each oncology resident required to present annually in this hospital/college wide series
- 2) Morbidity and Mortality Rounds - each oncology resident is required to present annually in this hospital/college wide series
- 3) Phi Zeta Research Day - our oncology residents are encouraged to submit abstracts for poster or seminar presentations at the annual research day
- 4) Oncology elective didactic rounds - residents lecture to senior vet students who choose to take this clerkship
- 5) We require our residents to present at VCS at least once during their residency. We provide them the opportunity to present at either the annual Veterinary Cancer Society or ACVIM meeting.
- 6) UF-Shands Cancer Center Research Day - annually held meeting to present research either as a poster or presentation
- 7) Thursday 8-9AM Board specialty rounds: we require our residents to present 2-3 topics during the year (1 hr long topic on chemotherapy or clinical oncology or cancer molecular biology)

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 residents are given time off clinics to attend at least 2 VCS national veterinary cancer society annual conferences. The UF residency committee provides financial help (up to 1000 dollars for a total of 10 residents every year) for travel expenses associated with presenting to a conference. It is a competition so they have to apply and be selected to get this fund. The residents also have time off to attend the annual ACVIM conference after they take their general and certifying exam (2nd year of residency training). The UF oncology fund provides 500 dollars to the resident during the 2nd and 3rd year to help them pay for the registration fee. We also encourage them to attend Phi Zeta day and present to any other conference that is pertinent to the results of their research.

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 resident attends:

- At least two VCS conferences (resident review included)

- Thursday Board specialty rounds 8-9 AM rounds. Here is our schedule for 2018-2019 (total 33hours)

DATE Board preparation topic and present

July	9	Stacey- Tumor Abs
July	16	Mia- Cytidine Analogues
July	30	ATL- Taxanes
Aug	6	KJ- Bisphosphonates
Aug	13	SH- purine analogs
Aug	20	Board prep questions
Sept	3	ML- Methods of molecular
Sept	10	SFA- Chemical carcinogenesis
Sept	17	ATL- Geomic instability
Oct	1	AS- Viruses
Oct	8	KJ- Oncogenes and TSGs
Oct	29	ML- Cell signaling pathway part 1
Nov	5	SH- Cell signaling pathway part2
Nov	12	SFA- Angio Part 1
Dec	3	SB- Tumor growth...
Dec	10	SH- Angio Part 2
Dec	17	KJ- Tumor progression
Jan	7	SFA- Cancer stem cell
Jan	14	Board prep questions
Jan	28	SB- Immune system....
Feb	4	KJ- Imaging in oncology
Feb	11	SH- Drug Resistance
Feb	25	Shio- Ch 15
Mar	4	LC- Ch 16
Mar	11	ATL- cell proliferation/death
Mar	18	SC (neuro)
Apr	1	KJ- Hormones in cancer
Apr	8	SX Onc
Apr	15	Board prep questions
June	17	RM
July	1	AS
July	8	SFA
July	15	ML

- Friday Seminars in Internal Medicine 8-9AM (two to three Friday AMs per month, which equals about 30 hours)

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

If no, please explain:

n/a

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:

n/a

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	UF utilizes the Equashield system, PPE as well as a Class IIb BSC
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.

N/A

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 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 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 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 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 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 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 th Ed. (2011)	<input type="checkbox"/> or Library: YES	<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 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:	<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"/>
<i>American Journal of Veterinary Research</i>	<input type="checkbox"/> or Library:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Journal of the American Animal Hospital Association</i>	<input 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 & 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"/>

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

Comments: We provide bi annual evaluations to our residents. The UF College of Veterinary Medicine's residency committee reviews the productivity of each residency program as well as their stated goals submitted to the specialty colleges. Programs not meeting the stated goals of the program (including publications, etc) can be placed on probationary status. Residents who do not complete their residency requirements (including research and publications) are not given their residency certificates. Our medical oncology residency program was evaluated in 2016 through the UF residency committee and passed the evaluation with flying colors

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.