

RESIDENCY IN COMPANION ANIMAL SURGERY

**Louisiana State University
School of Veterinary Medicine
Department of Veterinary Clinical Sciences
Veterinary Teaching Hospital**

Revised September 2016

**RESIDENCY PROGRAM
IN
COMPANION NION**

- 2.7** To provide opportunity to participate in graduate level courses that support and strengthen the clinical training program.
- 2.8** Additional Objectives
 - 2.8.1** To become familiar with areas of parallel interest in small animal and human surgery through participation in rounds, seminars and short courses at LSU and various medical institutions.
 - 2.8.2** The resident should make provisions to attend the ASIF Orthopedic Course offered at The Ohio State University. This course is to be attended during the first year of residency.
 - 2.8.3** The resident should attend the ACVS Surgery Symposium during the 2nd and / or 3rd year of the program.
 - 2.8.4** The resident is expected to remain current with the veterinary surgical literature, both in Small Animal Surgery, and in related areas.
 - 2.8.5** The resident is expected to develop teaching materials that will serve the instructional as well as the continuing education programs. This should include the organization of a pertinent veterinary literature file, patient data for the development of case studies and an image file as a basis for future instructional efforts.
 - 2.8.6** The resident is expected to publish two first author publications in a refereed journal. The residency certificate will not be issued until these publications are accepted by the resident's committee.

3.0 PREREQUISITES

- 3.1** Candidates must have a DVM or an equivalent degree.
- 3.2** Candidates must have satisfactorily completed at least a one year rotating small animal internship or its equivalent post graduate veterinary experience.
- 3.3** Candidates must have successfully completed the National Board examination or its equivalent in the certifying country.
- 3.4** Candidates must have the goal of board certification by the American College of Veterinary Surgeons.
- 3.5** Candidates should be academically acceptable for admission to the Graduate School.

4.0 FACULTY MENTOR

- 4.1** The resident will be assigned to a faculty mentor who has diplomate status in the specialty field Veterinary Surgery

8.1 The schedule outlined below satisfies the ACVS requirements of 94 weeks of clinical surgery under the direct supervision of an ACVS diplomate and the requirement of 80 hours each of diplomate supervision in Radiology, Pathology (Clinical Pathology), Anesthesiology and Internal

courses. Course work must not interfere with the clinical and instructional responsibilities of the resident.

8.6

8.6.1 Rotations parallel the student block rotations (4 to 6 weeks each) for 52 weeks: 9 blocks on CAS, 2 block research/scholarly activities, and one elective block.

8.6.1.1 Objectives for assignments other than CAS are outlined in Appendix

8.6.1.2 Training away from the LSU SVM campus including travel will be at the residents personal expense. Special funds can be requested from the Dean via the Department Head.

8.6.2 The resident will participate in the instruction of Phase II students and interns. Participation in SVM student laboratories will be assigned.

8.6.3 The resident will participate in house officer rounds, ward rounds, journal T-roAu,sMCID 6>Bi(a)-3(rti)pT70()JTBT/F2

8.6.8 The resident will submit one paper suitable for publication to their mentor and the House Officer Chair by June 1.

8.6.9 The resident should make applications for sitting examinations if applicable.

8.7 Outside Rotations

8.7.1 Outside rotations may be necessary if the number of qualified diplomates are insufficient to supervise required surgical rotations or rotations in anesthesia, radiology, internal medicine or pathology.

8.7.2 Elective: The purpose of an elective block is to allow residents the opportunity to learn skills and obtain knowledge in clinical areas of special interest. The resident may select a clinical block within the SVM or at another medical facility. The resident should seek rotations at other facilities only if this opportunity does not exist at the SVM.

8.7.2.1 Protocol:

8.7.2.1.1 A minimum of four to six months prior to the scheduled elective present your proposal to your advisor for preliminary approval.

8.7.2.1.2 Contact the desired elective and determine the feasibility of your rotation. Present them with preliminary objectives and determine if they are able to fulfill these objectives.

8.7.2.1.3 Write formal objectives for your elective and present them to your advisor to request approval from the Companion Animal Surgeons.

8.7.2.1.4 Present the approved objectives to your elective mentor. Obtain a letter from the mentor of your elective rotation stating they or their institution can meet the objectives you have set forth and they will be willing to formally evaluate your performance.

8.7.2.1.5 Present the letter of acceptance from your elective mentor to the Companion Animal Surgeons for final approval.

8.7.2.1.6 Perform admirably in your elective rotation. Get our block evaluation form filled out by your elective mentor and sent to the Residency Director. The evaluation should include comments regarding the fulfillment of the objectives.

9.0 RESEARCH PROJECT

9.1 The Department of Veterinary Clinical Sciences requires its residents to participate in scholarly activity such as basic, applied or clinical research. To that end the resident is required to:

9.1.1 Design a research project to address a specific question or problem in the discipline

9.1.2 Write a research grant proposal that may be used to seek funding for the project.

9.1.3 Conduct the research according to the experimental design

9.1.4 Analyze and report the results of the project

9.1.5 Publication of these results in a refereed journal is strongly a

career as a member of the clinical faculty of a school or college of veterinary medicine. The graduate program is not required, but is encouraged.

- 10.2** Requirements for admission to the LSU Graduate School are given in the current catalog under “Requirements for Advanced Degrees”. The resident should apply for admission to the Graduate School at the time of acceptance to the residency.
- 10.3** All MS graduate students must complete a minimum of 30 credit hours of graduate courses, a final examination and a thesis. Course requirements include:
 - 10.3.1** A minimum of 12 hours of graduate work must be at the 7000 level or greater.
 - 10.3.2** A minimum of 10 hours of course credit must be from VCS courses
 - 10.3.3** A minimum of 6 hours of research/thesis credit must be completed (only 6 hours counted towards degree)
 - 10.3.4** A maximum of 4 hours of seminar (VCS 7001) may be applied toward the MS degree
 - 10.3.5** A maximum 8 hours of special topics (VCS 7003) may be applied toward the MS degree
 - 10.3.6** A minimum of 8 hours of non-VCS courses
- 10.4** The resident shall choose a major advisor. The resident and major advisor are responsible for the selection of a graduate committee (usually

11.2.4 Develop familiarity with how to perform and interpret special procedures. Special effort should be devoted to myelograms, urethrograms, cystograms, IVP's, barium swallows, GI series, angiograms, portograms, and ultrasonography. Laboratory dogs from 5457 are to be used (before or after the lab.) to practice lumbar and cisternal CSF taps, catheterization of vessels, and urethral catheterization.

11.2.5 Study areas of perceived weakness and interest by reviewing the veterinary radiology literature and by personal communication with the radiologist.

11.3 ANESTHESIOLOGY

11.3.1 The ACVS requires the resident to spend 80 hours with a Diplomate of the ACVA. This requirement is to be fulfilled in the following ways.

11.3.2 Attend and participate in weekly anesthesia rounds with the students and anesthesia faculty.

11.3.3 The resident is to become familiar with anesthesia equipment, gas machines and ventilators, and review the pharmacology of anesthetic agents and emergency drugs.

11.3.4 Rotating with a Diplomate of the ACVA:

11.3.5 Take an active role in the anesthetic care and maintenance of all cases presented to the anesthesia service.

11.3.6 Attend and participate in all discussions, rounds, and seminars of the anesthesia service.

11.3.7 Participate in the service as other residents do including out-of-hours responsibilities.

11.3.8 Accomplish any projects / publications requested by the mentor.

11.3.9 Review veterinary anesthesia literature and protocols in the following areas: endocrine diseases, hepatic disease, cardiac disease, trauma patients, pediatric patients, geriatric patients, CPR, fluid & electrolyte therapy, blood-gas interpretation, muscle relaxants and analgesics.

11.4 PATHOLOGY

11.4.1 The 80 hour ACVS requirement should be fulfilled in the following ways.

11.4.2 Enroll in the Surgical Biopsy Course (VP 7003) every fall (1 credit x 3 = 48 contact hours).

11.4.3 Enroll in Clinical Pathology Course (VP7525 VC Hematology, VP7526 VC Chemistry, VP7527 VC Cytology each 2-4 credits) (2 credits = 32 contact hours).

11.4.4 Take an active role in the collection and interpretation of clinical laboratory and histopathology specimens from surgery cases. Participate / observe necropsies on surgically related cases.

11.4.5 Attend and participate in rounds / seminars given by the pathology department.

11.4.6 Review the veterinary pathology literature in areas of interest and perceived weakness, especially in areas directly related to surgery.

11.5 INTERNAL MEDICINE

11.5.1 The ACVS requires the surgery resident to spend 80 hours with a Diplomate of the American College of Veterinary Internal Medicine. This requirement will be met by spending 2 weeks on an internal medicine rotation and case consults throughout the residency. The objectives include:

11.5.2 Learning the operation of the medicine service and becoming familiar with the medicine clinicians.

11.5.3 Reviewing protocols for internal medicine case work-up.

11.5.4 Learning to perform endoscopic examinations and proper use of the equipment.

11.5.5 Obtaining a better appreciation for internal medicine.

12.0 EVALUATION AND REAPPOINTMENT

12.1 An evaluation will be provided by the block mentor at the end of each assigned block

scheduled basis.

- 14.3** The University offers accrual of annual time off following either the University accrual rate (14 hours/month with a maximum accumulation of 176 hours) or the Civil Service Schedule rate (8 hours/month with no maximum accumulation). Sick time off accrual is 8 hours/month. All time off, except for illness and emergencies, should be requested and approved 30 days in advance. Time off requests must be entered into Workday (via the employee's MyLSU account) by the employee and approved by the supervisor before time off will be granted. Annual time off will be granted on an individual basis taking into account the reason for the requested absence and the needs of the service and hospital. Annual time off for personal business is to be taken during elective or research blocks. Emergency absence such as for illness or a death in the immediate family should be brought to the attention of the clinician to whom the House Officer is assigned as soon as the House Officer learns that he/she will be absent. The official request should be entered into Workday upon the House Officer's return. Except in unusual circumstances, approval will not be granted for time off during the final month of the program.
- 14.4** Reappointment to the second and third years of the residency program is

16.0 APPENDICES

16.1 HOUSE OFFICER ROUNDS EVALUATION FORM

House Officer: _____

Date: _____

Evaluator: _____

	<u>Evaluation</u> E=Excellent G=Good N=Needs Improvement	<u>Comments</u>
Case Selection		
Complexity of case		
Appropriate follow-up		
Content		
Format of presentation		
Discussion		

16.2 VCS SEMINAR EVALUATION FORM

Presenter: _____ Date: _____

Audience: _____

Title/Topic: _____

Evaluation Criteria:

	Points	Evaluation
Definition of subject: introduction, importance, clinical significance	0-5	
Organization	0-10	
Quality of material	0-10	
Presence: speaking ability		
Clarity	0-10	
Rate of delivery	0-10	
Enthusiasm, expressiveness	0-10	
Support Materials		
Handouts, manuscript	0-15	
Visual aids	0-5	
Appropriate Summary	0-5	

16.4 HOUSE OFFICER BLOCK EVALUATION FORM (E-Value)

<u>House Officer Evaluation Form in E-Value</u>	Needs Improvement	Satisfactory	Good	Excellent	Not Applicable
Professional Ability					
Theoretical Knowledge					
Knowledge Application					

18.0 RESIDENT'S QUARTERLY ACTIVITIES REPORT

INCLUSIVE DATES: _____

1. Blocks assigned and mentors:

a. _____

b. _____

c. _____

2. Surgery Log: attach

3. Seminars, lectures, presentations given:

	<u>Date</u>	<u>Audience</u>	<u>Topic & Length</u>
a.	_____	_____	_____

b.	_____	_____	_____
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c.	_____	_____	_____
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d.	_____	_____	_____
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e.	_____	_____	_____
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f.	_____	_____	_____
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4. Seminars, speci/3()1kro EMC /P A MCID 21 BDC BTMCID T1 0 0 1 72.024 346BDC1()-3()6

- j. _____
- k. _____
- l. _____

5. Continuing Education Programs attended (list date, location, and attach a copy or summary of the program.)

6. Scholarly activity (list courses enrolled in, proposals written, research in progress, publications in progress).