

**INTERNSHIP IN VETERINARY ANESTHESIOLOGY
& PAIN MANAGEMENT**

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

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**INTERNSHIP PROGRAM
IN
VETERINARY ANESTHESIOLOGY AND PAIN MANAGEMENT**

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1.0 INTRODUCTION

1.1 The Internship in Veterinary Anesthesiology and Pain Management at the School of Veterinary Medicine (SVM) at Louisiana State University is designed to provide one-year of post-DVM clinical training in the discipline of Veterinary Anesthesiology and Pain Management. The clinical facilities of the Veterinary Teaching Hospital (VTH) will be the primary training site for this program. The training program will use Faculty from the Anesthesiology Section in the Department of Veterinary Clinical Sciences as mentors.

2.0 OBJECTIVES

- 2.1** To provide advanced training in Veterinary Anesthesiology and Pain Management.
- 2.2** To provide experience in teaching fourth year veterinary students.
- 2.3** To prepare the intern for residency, graduate study or entry into a high quality small animal practice.

3.0 PREREQUISITES

- 3.1** Candidates must have a DVM or equivalent degree.
- 3.2** Candidates should have successfully completed the North American Veterinary Licensing Examination or its equivalent and a State Board Examination or its equivalent.

4.0 FACULTY MENTOR

4.1 The Intern will be assigned a Faculty Mentor who is a Veterinary Anesthesiologist in the Department of Veterinary Clinical Sciences. The responsibilities of the Mentor will include the direction and coordination of the clinical program and general counseling on issues associated with the Internship program.

5.0 CLINICAL PROGRAM

5.1 Introduction. The goal of the program is to provide the intern advanced clinical training in anesthesiology. In addition, the opportunity exists for experiences in oncology, dermatology, ophthalmology, cardiology and exotic/ zoo animal medicine. The intern will also gain experience teaching fourth year veterinary students in a clinical setting.

5.2 Clinical Training.

5.2.1 In the 1-year program, there will be a total of 50-52 weeks (12 blocks) of Clinic duty. The Intern will be trained in all pertinent aspects of the delivery of anesthesia to Veterinary patients. The training will include considerations of, but will not be limited to, pre-anesthetic assessment and stabilization, the design, construction and function of anesthetic equipment for general anesthesia, protocol selection, individual case management, problem solving and pre and post-operative pain management strategies. The Intern will spend equal time with the Equine/Food Animal and Companion Animal (including Exotic species) Anesthesia Services. The Intern will spend one-half block (2 week) on the Cardiology service and another half-block (2 weeks) will be allotted for an elective rotation within the VTH. All of the Intern's work in anesthesiology will be under the supervision of a Faculty Anesthesiologist. Early in the Intern's program, direct Faculty supervision will be significant. It is anticipated that as the program progresses, the Intern will require less supervision and will ultimately be capable of independently delivering anesthesia care.

5.2.2 The Intern will participate in the tutorial instruction of Phase II students.

5.2.3 The Intern will participate in daily student rounds, Anesthesiology Section Journal club or book chapter, and special topic conferences presented in the Department of Veterinary Clinical Sciences. Other seminars in the SVM will be attended as scheduling permits.

5.3 Emergency Duty. The Intern will participate in the emergency duty schedule with other members of the Anesthesia Service. This duty will commit the Intern to evening, weekend and holiday duty on a rotating schedule. Early in the Intern's program, Faculty supervision during emergency duty will be significant. It is anticipated that as the program progresses, the Intern will require less supervision and will be capable of independently delivering emergency anesthesia and pain management within 3-6 months of entering the program.

6.0 HOUSE OFFICER (HO) ROUNDS AND SEMINAR PROGRAM

- 6.1** The House Officer Rounds are designed to provide the intern an opportunity to receive and present interesting, unusual, or difficult clinical case material utilizing a problem oriented approach to professional colleagues and to develop manuscripts for publication. The intern will participate with other VCS house officers on a rotating basis and will make 2 cases presentation in House Officer Rounds during the year.
- 6.2** The House Officer Seminar series is designed to provide the intern with the opportunity to research and present scientific material to professional colleagues. Two seminars will be presented during the year.
- 6.3** The SVM faculty member of the Anesthesiology Section will mentor the case presentations and seminar preparation. Manuscripts submitted for publication will be reviewed, revised and coauthored by a SVM faculty member(s).
- 6.4** Attendance: The intern is required to attend and participate in the following: VMED 7001 VCS Seminar, Grand Rounds, House Officer Rounds and, other seminars which are requirements of the Intern's home Department (Section).

6.4.1 VCS HO Rounds/Seminar Policy

- 6.4.1.1** HO attendance at all HO Rounds/Seminar sessions is required. HO attendance is required at only those rounds and seminars designated as VCS HO Rounds/Seminar sessions and that others occurring in the same time slot are not required by the House Officer Committee.
- 6.4.1.2** Attendance will be taken at the beginning of each session.
- 6.4.1.3** HO will be required to present an additional seminar if they have more than one unexcused absence during the program year or come late to the seminar more than twice (unexcused).
- 6.4.1.4** All absences must be accounted for by completing a HO Leave Request Form and submitting it to the HOC chair.
- 6.4.1.5** Excused absences include the following: illness, annual leave, attendance or participation in a continuing education program, presentation of a student lecture,

scheduled out-rotation or special service requirements per request of advisor. All other absences are unexcused unless deemed excusable by the HO advisor.

- 6.5 Evaluations of House Officer Rounds (section 13.1) and House Officer Seminar presentations (section 13.2) will be provided by those in attendance.

7.0 TEACHING PROGRAM

- 7.1 Throughout the Internship program, the Intern will function as a role model for students in the DVM program. The Intern will participate in the clinical instruction and evaluation of Phase II veterinary senior students assigned to the Anesthesiology Section.
- 7.2 The Intern will be involved in teaching Phase I (Year II and III) students in anesthesia and surgery labs.

8.0 HOUSE OFFICER COMMITTEE

- 8.1 The Committee is comprised of a representative of each House Officer program. It is responsible for the year-end review of each house officer's progress. This review is based on block evaluations received throughout the course of the program. The Committee grants a certificate to those who successfully complete the program.
- 8.2 All House Officers are required to complete an annual evaluation of their program with suggestions for improvement before continuation or completion of their program is granted.

9.0 EMPLOYMENT AND BENEFITS

- 9.1 Louisiana State University classifies interns and residents as University employees. As such, they (and their eligible dependents) qualify for the Louisiana State University Baton Rouge health insurance and benefits. The School of Veterinary Medicine provides malpractice insurance coverage. The salary (not a stipend) is published in the Directory of Internships and Residencies as published by the American Association of Veterinary Clinicians (www.virmp.org). Salary is payable in monthly increments via direct deposit. Retirement contributions are required and withheld from each paycheck. No social security tax is withheld. Federal and state income tax is withheld. The employee may be eligible to petition the IRS for exemption from federal tax on part of his/her salary.
- 9.2 The Veterinary Teaching Hospital operates year round. House officers will share emergency duty with other house officers within their specialty.

House Officers will also share evening, weekend and holiday duty on a scheduled basis.

- 9.3** 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.

10.0 PERFORMANCE EVALUATION

- 10.1** House Officers receive a Block Performance Evaluation at the end of each rotation to document his/her performance during the program. Every two weeks the house officer will assign a faculty member to evaluate them for the previous rotation using E*Value software.
- 10.2** The Intern is to meet with his/her Advisor at the beginning of each block to report accomplishments and plans.
- 10.3** The House Officer Committee reviews block evaluations and has the capability to recommend continuation, probation or termination of the house officer's program at any time based on these evaluations.
- 10.4** The House Officer Committee meets in May of each year to determine if the house officer has successfully completed his/her program. This determination will be based on all evaluations received for the house officer.
- 10.5** All House Officers are required to complete an annual evaluation of their program with suggestions for improvement before continuation or completion of their program is granted.

11.0 POST INTERNSHIP STUDY

11.1 If the intern is considering a residency or graduate program following completion of the internship, it is suggested that he/she consult with relevant faculty to maximize preparation for that program.

12.0 APPLICATION PROCEDURE

12.1 Candidates may apply for the Internship in Veterinary Anesthesiology and Pain Management by submitting:

- 1)** A standard application through www.VIRMP.org
- 2)** A statement of Internship objectives and career goals
- 3)** Official academic transcripts
- 4)** A minimum of three letters of reference from individuals currently familiar with the applicant's professional status

13.0 APPENDICES

13.1 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 | | |
| Conclusions | | |
| Use of problem-oriented approach | | |
| Delivery | | |
| Clarity of speech | | |
| Rate of delivery | | |
| Effectiveness of Visual Presentation | | |
| Use of visual aids | | |
| Body language and enthusiasm | | |
| Questions handled appropriately | | |

Additional Comments: _____

13.2 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 | |
| Presentation consistent with audience level | 0-10 | |
| Questions/discussion handled appropriately | 0-10 | |
| | Total | |

Comments:

Evaluator: _____

13.4 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 | | | | | |
| Skills | | | | | |
| Patient Care | | | | | |
| Thoroughness | | | | | |
| Individual Characteristics | | | | | |
| Communication with clinicians | | | | | |
| Communication with students | | | | | |
| Communication with staff | | | | | |
| Independent study & initiative | | | | | |
| Awareness of current literature | | | | | |
| Contribution to student education | | | | | |
| Performance under stress | | | | | |
| Ability to accept criticism | | | | | |
| Organizational skills | | | | | |
| Ability to work in a team | | | | | |
| Reliability | | | | | |
| Motivation | | | | | |
| Attendance at seminars & rounds | | | | | |
| Presentation at seminars & rounds | | | | | |
| Ability to make independent decisions | | | | | |
| Hospital Service | | | | | |
| Completion of duties | | | | | |
| Quality of work | | | | | |
| Emergency services duty | | | | | |
| Communication with veterinarians | | | | | |
| Client communication | | | | | |
| Referral letters & record keeping | | | | | |
| Acceptance of service & case responsibility | | | | | |
| Adherence to VTH&C protocol | | | | | |
| Strengths: | | | | | |
| Areas for Improvement: | | | | | |