

The Louisiana State University System

Baton Rouge
Campus

Promotion/Tenure Review Request

May, 2008
Date

Name: Dr. Keith Nelson Strickland

Social Security Number: xxx-xx-xxxx

Department: Veterinary Clinical Sciences

College: School of Veterinary Medicine

Present Rank/Title: Associate Professor

Years in Service:

Date appointed: September 1, 1998

In LSU system: 13 years

Appointment status: Clinical track/Term

In present rank: 4 years

Elsewhere: 1 year

Pay Basis: AY
 x FY

Graduate Faculty status: Member
Associate
X None

Reviewed for:

Promotion to rank of: Professor

Effective Date:

Education:

<u>Institution</u>	<u>Degree</u>	<u>Date Awarded</u>
Oklahoma State University	B. S. (Zoology)	1989
Oklahoma State University	D.V.M.	1993

Professional Experience:

<u>Institution</u>	<u>Rank</u>	<u>Period of Appointment</u>
Louisiana State University	Associate Professor	2004-present
Louisiana State University	Assistant Professor	1998-present
Louisiana State University	Clinical Instructor	1996-1998
Louisiana State University	Resident	1994-1996
Mississippi State University	Intern	1993-1994

1. DOCUMENTATION
1.1 HISTORY OF ASSIGNMENTS
1.2 TEACHING
1.2.1 DOCUMENTATION OF TEACHING ACTIVITIES

1.2.1.1 Teaching Evaluations: Results of Student Evaluations of Faculty 1997-2003

Year II Instruction (out of 7 possible)	Fall 1998 Rating	Ave Faculty Rating	Fall 1999 Rating	Ave Faculty Rating	Fall 2000 Rating	Ave Faculty Rating
VMED 5261 (Cardiology)						
The instructor presented the subjects and concepts in a manner that was understandable.	5.82	5.79	6.39	6.06	5.80	5.65
The instructor's expectations of the students were clearly stated in the learner's objectives.	6.05	5.75	5.99	6.03	6.33	5.66
Learner objectives as stated were realistic.	6.16	5.79	6.41	6.09	6.15	5.54
The instructor made effective use of notes, hand-outs and teaching aids.	5.59	5.84	5.58	6.03	4.89	5.61
The instructor began and ended lecture/lab sessions on time.	6.58	6.36	6.72	6.52	6.50	6.06
The instructor displayed enthusiasm and interest in the subject matter.	6.55	6.16	6.75	6.35	6.70	6.15
The instructor displayed concern for students, eg h/she encouraged me to ask questions and listened to my opinion and was available outside of regular classes/labs.	6.45	6.05	6.70	6.33	6.41	5.91
The instructor conducted instructional duties with fairness and impartiality.	6.60	6.15	6.82	6.43	6.61	6.05
OVERALL AVERAGE	6.23	5.99	6.42	6.23	6.17	5.83

Year II Instruction (out of 7 possible)						
	Fall 2001 Rating	Ave Faculty Rating	Fall 2002 Rating	Ave Faculty Rating	Fall 2003 Rating	Ave Faculty Rating
VMED 5261 (Cardiology)						
The instructor presented the subjects and concepts in a manner that was understandable.	6.30	5.92	6.52	6.19		
The instructor's expectations of the students were clearly stated in the learner's objectives.	5.97	5.92	6.41	6.15		
Learner objectives as stated were realistic.	6.16	5.96	6.32	6.21		
The instructor made effective use of notes, hand-outs and teaching aids.	6.08	5.91	6.52	6.15		
The instructor began and ended lecture/lab sessions on time.	6.03	6.41	6.64	6.44		
The instructor displayed enthusiasm and interest in the subject matter.	6.59	6.29	6.81	6.41		
The instructor displayed concern for students, eg he/she encouraged me to ask questions and listened to my opinion and was available outside of regular classes/labs.	6.51	6.17	6.52	6.30		
The instructor conducted instructional duties with fairness and impartiality.	6.57	6.17	6.53	6.39		
OVERALL AVERAGE	6.28	6.11	6.53	6.28		

Year III Instruction (out of 7 possible)	Spring 1997 Rating	Ave Faculty Rating
VMED 5329 (Cardiology)		
The instructor presented the subjects and concepts in a manner that was understandable.	5.16	6.11
The instructor's expectations of t students were clearly stated in the learner's objectives.	5.22	5.95
Learner objectives as stated were realistic.	5.15	5.99
The instructor made effective use of notes, hand-outs and teaching aids.	4.52	5.97
The instructor began and ended lecture/lab sessions on time.	6.23	6.50
The instructor displayed enthusiasm and interest in the subject matter.	6.16	6.29
The instructor displayed concern for students, eg h/she encouraged me to ask questions and listened to my opinion and was available outside of regular classes/labs.	5.98	6.23
The instructor conducted instructional duties with fairness and impartiality.	6.32	6.39
OVERALL AVERAGE	5.59	6.16

Year III Instruction (out of 7 possible)	Spring 2000 Rating /Ave Faculty Rating	Spring 2001 Rating /Ave Faculty Rating	Spring 2002 Rating/Ave Faculty Rating	Spring 2003 Rating/Ave Faculty Rating
VMED 5010 (Cardiology Case Studies)				
The instructor presented the subjects and concepts in a manner that was understandable.	7.00 / 6.80	N/A	N/A	6.95 / 6.63
The instructor's expectations of t students were clearly stated in the learner's objectives.	6.50 / 6.74	N/A	N/A	7.00 / 6.70
Learner objectives as stated were realistic.	7.00 / 6.82	N/A	N/A	7.00 / 6.66
The instructor made effective use of notes, hand-outs and teaching aids.	6.75 / 6.69	N/A	N/A	6.58 / 6.74
The instructor began and ended lecture/lab sessions on time.	6.75 / 6.63	N/A	N/A	7.00 / 6.61
The instructor displayed enthusiasm and interest in the subject matter.	7.00 / 6.80	N/A	N/A	7.00 / 6.87
The instructor displayed concern for students, eg he/she encouraged me to ask questions and listened to my opinion and was available outside of regular classes/labs.	7.00 / 6.81	N/A	N/A	6.95 / 6.82
The instructor conducted instructional duties with fairness and impartiality.	7.00 / 6.84	N/A	N/A	6.95 / 6.89
OVERALL AVERAGE	6.88 / 6.77	N/A	N/A	6.93 / 6.74

Year 4 Instruction Vmed 5456/ 5463 Cardiology (out of 7 possible)	Fall 1997 Rating /Ave Faculty Rating	Spring 1998 Rating/Ave Faculty Rating	Fall 1998 Rating/Ave Faculty Rating	Spring 1999 Rating /Ave Faculty Rating	Fall 1999 Rating/Ave Faculty Rating	Spring 2000 Rating/Ave Faculty Rating
The clinician helped me develop a logical problem oriented approach to clinical diagnosis.	6.67 / 6.19	6.29 / 6.13	6.53 / 6.35	6.15 / 6.36	6.95 / 6.39	6.15/6.45
The clinician asked/allowed me to express my own opinions or hypotheses about cases and listened to my ideas and opinions.	6.67 / 6.28	6.59 / 6.16	6.63 / 6.43	6.46 / 6.34	6.90 / 6.42	6.55 / 6.51
The clinician answered my questions in a thorough and clear manner.	6.83 / 6.24	6.65 / 6.20	6.67 / 6.47	6.31 / 6.38	6.80 / 6.43	6.45 / 6.51
The clinician supervised my performance of clinical techniques and offered constructive suggestions.	6.67 / 6.14	6.29 / 6.09	6.59 / 6.28	6.00 / 6.24	6.90 / 6.34	6.47 / 6.43
Therapeutic alternatives were explained/explored based on cost effectiveness, owner concern and owner complaints.	6.50 / 6.23	6.06 / 6.12	6.48 / 6.41	5.92 / 6.36	6.95 / 6.39	6.80 / 6.44
The clinician gave me suitable case management responsibility commensurate with my abilities.	6.83 / 6.31	6.21 / 6.27	6.58 / 6.47	6.40 / 6.42	6.79 / 6.47	6.47 / 6.53
The clinician displayed concern for the animal's welfare and humane treatment was given.	6.83 / 6.52	6.62 / 6.45	6.70 / 6.64	6.54 / 6.54	6.95 / 6.67	6.85 / 6.68
The clinician seemed genuinely interested in student learning.	6.67 / 6.26	6.47 / 6.24	6.70 / 6.50	6.54 / 6.44	6.95 / 6.55	6.30 / 6.51
The clinician treated me with fairness, respect and in a courteous manner.	6.83 / 6.34	6.71 / 6.21	6.68 / 6.35	6.54 / 6.41	6.40 / 6.48	5.95 / 6.58
OVERALL AVERAGE	6.72 / 6.28	6.43 / 6.21	6.62 / 6.45	6.32 / 6.39	6.84 / 6.46	6.44 /6.52

Clinical Cardiology was taught within the internal medicine course (VMED 5456) until 1999 when the Clinical Cardiology course (VMED 5463 CARD) was established.

Year 4 Instruction Vmed 5463 Cardiology (out of 7 possible)	Fall 2000 Rating /Ave Faculty Rating	Spring 2001 Rating/Ave Faculty Rating	Spring 2002 Rating /Ave Faculty Rating	Spring 2003 Rating/Ave Faculty Rating
The clinician helped me develop a logical problem oriented approach to clinical diagnosis.	6.67 / 6.19	6.69 / 6.53	6.75 / 6.47	6.78 / 6.40
The clinician asked/allowed me to express my own opinions or hypotheses about cases and listened to my ideas and opinions.	6.67 / 6.28	6.78 / 6.58	6.81 / 6.50	6.91 / 6.39
The clinician answered my questions in a thorough and clear manner.	6.83 / 6.24	6.75 / 6.57	6.57 / 6.55	6.84 / 6.50
The clinician supervised my performance of clinical techniques and offered constructive suggestions.	6.67 / 6.14	6.55 / 6.47	6.60 / 6.39	6.70 / 6.30
Therapeutic alternatives were explained/explored based on cost effectiveness, owner concern and owner complaints.	6.50 / 6.23	6.75 / 6.63	6.64 / 6.45	6.67 / 6.37
The clinician gave me suitable case management responsibility commensurate with my abilities.	6.83 / 6.31	6.72 / 6.65	6.79 / 6.57	6.85 / 6.48
The clinician displayed concern for the animal's welfare and humane treatment was given.	6.83 / 6.52	6.78 / 6.74	6.84 / 6.71	6.89 / 6.69
The clinician seemed genuinely interested in student learning.	6.67 / 6.26	6.78 / 6.61	6.84 / 6.59	6.87 / 6.52
The clinician treated me with fairness, respect and in a courteous manner.	6.83 / 6.34	6.76 / 6.60	6.85 / 6.60	6.87 / 6.58
OVERALL AVERAGE	6.72 / 6.28	6.73 / 6.59	6.74 / 6.54	6.82 / 6.47

Regarding the courses I taught from 1998 to present, I was rated ABOVE the faculty average in 118 / 137 categories (86%) and in 17 / 17 overall averages (100%).

1.2.1.2 Teaching Evaluations: Results of Student Evaluations of Courses 1998-2003

Year II Instruction VMED 5261 Cardiology (out of 7 possible)	Fall 2000 Rating /Ave Faculty Rating	Fall 2001 Rating/Ave Faculty Rating	Fall 2002 Rating/Ave Faculty Rating	Fall 2003 Rating /Ave Faculty Rating	Fall 2004 Rating/Ave Faculty Rating	Fall 2005 Rating/Ave Faculty Rating
1. The course objectives were clearly identified and incorporated into the overall organization of the course.	5.56 / 5.56	6.26 / 5.83	6.45 / 6.16			
2. The course structure was logical and appropriate.	5.17 / 5.44	5.94 / 5.50	6.50 / 6.06			
3. Previous required courses adequately prepared me for this course.	4.83 / 4.78	5.24 / 5.21	5.66 / 5.57			
4. Lecture and lab experiences assisted in learning concepts and practical applications of the knowledge.	5.03 / 5.18	6.18 / 5.46	6.35 / 5.81			
5. The textbook and or additional reading materials were valuable components of this course.	5.30 / 4.39	5.90 / 5.14	6.06 / 5.46			
6. Examinations were relevant and reasonable	5.59 / 4.79	5.71 / 5.17	6.20 / 5.57			
7. The amount of time/effort spent on the course was appropriate for its credit value.	5.07 / 4.96	5.53 / 5.32	5.53 / 5.84			
8. Stated grading policies were not arbitrarily changed.	6.08 / 5.14	6.51 / 6.33	6.57 / 6.47			
OVERALL (Items 1-8)	5.33 / 5.14	5.91 / 5.49	6.17 / 5.87			

Year III Instruction VMED 5010 Cardiology (out of 7 possible)	Spring 2000 Rating /Ave Faculty Rating	Spring 2001 Rating/Ave Faculty Rating	Spring 2002 Rating/Ave Faculty Rating	Spring 2003 Rating /Ave Faculty Rating
1. The course objectives were clearly identified and incorporated into the overall organization of the course.	6.76 / 6.75	7.00 / 6.75	6.79 / 6.55	6.94 / 6.82
2. The course structure was logical and appropriate.	6.65 / 6.78	7.00 / 6.76	6.79 / 6.50	6.95 / 6.77
3. Previous required courses adequately prepared me for this course.	6.25 / 6.45	7.00 / 6.68	6.80 / 6.51	6.95 / 6.65
4. Lecture and lab experiences assisted in learning concepts and practical applications of the knowledge.	6.62 / 6.80	7.00 / 6.78	6.52 / 6.63	6.78 / 6.79
5. The textbook and or additional reading materials were valuable components of this course.	6.38 / 6.75	7.00 / 6.71	6.71 / 6.34	6.91 / 6.60
6. Examinations were relevant and reasonable	6.75 / 6.90	7.00 / 6.86	5.67 / 6.52	7.00 / 6.74
7. The amount of time/effort spent on the course was appropriate for its credit value.	6.45 / 6.63	7.00 / 6.81	6.83 / 6.25	7.00 / 6.61
8. Stated grading policies were not arbitrarily changed.	6.75 / 6.86	7.00 / 6.87	7.00 / 6.88	7.00 / 6.97
OVERALL (Items 1-8)	6.58 / 6.73	7.00 / 6.77	6.64 / 6.46	6.94 / 6.75

Year 4 Student Evaluation: VMED 5463 (Cardiology)	Fall 1999 Rating / Ave Faculty Rating	Spring 2000 Rating / Ave Faculty Rating	Spring 2001 Rating / Ave Faculty Rating
The structure/organization of the service/block was conducive to learning.	6.80 / 6.23	6.69 / 6.31	6.76 / 6.43
Adequate orientation was provided with clear expectations of the block requirements.	6.65 / 6.12	6.38 / 6.16	6.81 / 6.24
Rounds presentations were good learning experiences.	6.95 / 6.50	6.50 / 6.50	6.74 / 6.63
I learned as much or more than I expected from this rotation.	6.85 / 6.26	6.07 / 6.21	6.69 / 6.40
The course was a valuable learning experience irrespective of my personal interests.	6.85 / 6.59	6.56 / 6.64	6.78 / 6.60
The case load was adequate.	5.06 / 5.69	5.12 / 5.83	5.89 / 6.12
Stated grading policies were followed.	6.62 / 6.57	6.18 / 6.35	6.71 / 6.60
This block has an excellent rating overall.	6.75 / 6.34	6.31 / 6.32	6.78 / 6.46
OVERALL AVERAGE	6.57 / 6.29	6.23 / 6.29	6.64 / 6.44

Year 4 Student Evaluation: Clinical Cardiology Block VMED 5463	Spring 2002 Rating / Ave Faculty Rating	Spring 2003 Rating / Ave Faculty Rating
The structure/organization of the service/block was conducive to learning.	6.68 / 6.54	6.54 / 6.30
Adequate orientation was provided with clear expectations of the block requirements.	6.71 / 6.46	6.62 / 6.25
Rounds presentations were good learning experiences.	6.60 / 6.58	6.75 / 6.31
I learned as much or more than I expected from this rotation.	6.50 / 6.45	6.38 / 6.24
The course was a valuable learning experience irrespective of my personal interests.	6.70 / 6.66	6.73 / 6.51
The case load was adequate.	6.31 / 6.32	5.91 / 6.20
Stated grading policies were followed.	6.87 / 6.65	6.62 / 6.54
This block has an excellent rating overall.	6.66 / 6.52	6.73 / 6.33
OVERALL AVERAGE	6.63 / 6.52	6.53 / 6.33

Regarding the courses I coordinated from 1998 to present, I was rated ABOVE the faculty average in 74 / 96 categories (77%) and in 10 / 11 overall averages (91%).

Selected comments from student evaluations (VMED 5261, VMED 5463, and VMED 5010)

- Great job! My vote for teacher of the year.
- Amazing clinical teaching!
- I finally understand cardiology - Thanks!
- One of the best professors yet.

Selected comments from student evaluations (continued)

- I was finally able to understand concepts we were supposed to have learned in physiology.
- Dr. Strickland is very patient - Thank you! Very much appreciated.
- I loved the ECG workbook; it is the only way to learn that stuff.
- I really liked the videos of ultrasound of the heart.
- I enjoyed the class and the laid back, relaxed environment.
- I doubt anyone else could make such a difficult subject more interesting.
- Very enthusiastic - able to hold class attention really well.
- He obviously enjoys his job.
- You're so darn sexy.
- Dr. Strickland really makes classes interesting
- The review sessions were very helpful
- We love Dr. Strickland
- Great class - learned a lot
- Dr. Strickland = teacher of the year
- He is always able to make ideas clearer through the use of analogies and patiently repeats even the simplest concepts when a student is having trouble comprehending them.
- Very good manner with clients.
- The clients were all very impressed with Dr. Strickland's manner and concern. This was endured in owner compliance and willingness to diagnose and treat.
- He really did seem to want us to learn and not just get by.
- This was a great block. I enjoyed it and learned a lot.
- Excellent job.
- Dr. Strickland has a very good rapport with his students that is conducive to learning and also conducive to building professional and peer relationships.
- I learned more on this block than any so far.
- This was one of the best blocks I have been on.
- It was an excellent elective! It was a great review of the 2nd year cardio course. Dr. Strickland's a great instructor who takes his time with every student to ensure their understanding.
- Thoroughly enjoyed this course. I found it to be a great review for clinics and future practice.
- Best block in my opinion.
- You're an idiot if you let this guy go into private practice.
- I don't think I've taken a block yet where I've learned so much.
- I learned so much. Dr. S. made rounds very informative and clinically relevant.
- Most clinicians are very concerned about the animal's welfare, but Dr. Strickland is exceptional in this area and his concern is sincere and genuine

Selected comments from VCS Department Head regarding teaching and course evaluations

-Extremely good evaluations. It is so great to have someone with your level of competence on our faculty.

-These are strong course evaluations. Good job.

-These are really great evaluations.

-Student evaluation of your instructional efforts is outstanding.

1.2.1.3 Teaching History

Professional Courses Taught- courses in the LSU veterinary curriculum are taught yearly and have an enrollment of between 56 and 86 students.

-VMED 5001 Problem-Based Learning I

Lecturer - Cardiology clinical case (diagnostic evaluation of patent ductus arteriosus) in problem-based learning course.

-1 hour, Spring 2001

-VMED 5329 Principles of Cardiovascular Disease

Lecturer-Cardiovascular pathophysiology, Therapy for congestive heart failure, Echocardiography, Congenital heart disease, Valvular diseases, and Myocardial diseases

-8 hours, Spring 1997

-VMED 5261 Principles of Cardiovascular Disease

Lecturer-Cardiovascular pathophysiology, Therapy for congestive heart failure, Echocardiography, Congenital heart disease, Valvular Diseases, and Canine and Feline Myocardial Diseases

-8 hours, Fall 1998

-8 hours, Fall 1999

Course Coordinator - Fall 2000 to present (34 hours)

Lecturer - Cardiac Physiology, Cardiovascular Pathophysiology, Cardiovascular Physical Examination, Electrocardiography, Echocardiography, Therapy for Congestive Heart Failure, Congenital Heart Disease, Valvular Disease, Canine and Feline Myocardial Disease, Canine and Feline Heartworm disease, Pericardial Disease, Miscellaneous Cardiac Diseases, and Case Discussions.

-24 hours, Fall 2000-2005

-VMED 5223 Veterinary Pharmacology

Lecturer – Cardiac Pharmacology

-1 hour, Fall 2003

-1 hour, Fall 2004

-2 hours, Fall 2005-2007

-VMED 5363 Critical Care and Emergency Medicine

Lecturer – Cardiac Emergencies (Congestive heart failure and life-threatening arrhythmias)

-1 hour, Fall 2000-2005

-VMED 5010 Special Topics: Case Studies in Small Animal Clinical Cardiology

Course Coordinator Spring 2000-2003 (16 lecture hrs)

Lecturer – Case Discussions: Valvular Disease, Myocardial Disease, Congenital Heart Disease, and Arrhythmias

-16 hours, Spring 2000-2006

-VMED 5010 Special Topics: Advanced Small Animal Internal Medicine

Lecturer – Therapy for Congestive Heart Failure

-1 hour, Spring 2000

The 5400 level courses are clinical courses that are scheduled in 2 or 4-week blocks. The non-clinical track companion animal medicine faculty are assigned to those rotations for a total of approximately 4-6 months of the year. As a clinical track faculty member from 1998-1999, I was assigned to the internal medicine service (with the principle duty of seeing cardiac-related cases) approximately 8.5 months of the year. I was available for consultations during the remaining 3.5 months of the year. In 1999, I developed the clinical cardiology elective (VMED 5463) and my involvement with the internal medicine clinical rotation was in the form of cardiology consultations, weekly morning rounds, and emergency rounds (one per rotation) resulting in 5-10 hours per week of contact with students, house officers, and faculty on that service.

-VMED 5456 Canine and Feline Medicine and Preventative Health

Lecturer and Consultant 1998 to present.

-VMED 5463 Special Training (Clinical Cardiology)

Course Coordinator and Service leader 1999 to present

The clinical cardiology rotation (VMED 5463 CARD) is a 2-week elective rotation with 2-6 students per rotation available approximately 35 weeks of the year. I am the sole instructor of the clinical cardiology course and am responsible for all service and teaching responsibilities. The students are assigned to the cardiology service 24 hours a day, seven days a week during the 2-week period. This course involves approximately 40-50 hours of student contact a week while on service (30 to 40 hours of clinical teaching and 10 to 20 hours of rounds). In this course, students are required to complete reading assignments, ECG exercises, short oral presentations, and a written examination, in addition to the clinical service requirements. Interns and Internal Medicine residents are each assigned to the cardiology service approximately 2-4 weeks a year.

The clinical cardiology course (VMED 5463 CARD) occurs simultaneously with the phase I course (VMED 5261) during the fall of each year and with the phase II course (VMED 5010) during the spring of each year. From the fall of 1996 to the present (including time employed as a clinical instructor and as a clinical track assistant professor), I have provided year-round availability for cardiac consultations, including emergency procedures such as advanced echocardiography, pericardiocentesis, and placement of temporary and permanent artificial cardiac pacemakers. The LSU Veterinary Teaching Hospital & Clinics Cardiology service is a single-person service that has been developed by myself, with the support of the Internal Medicine faculty, during my appointment as a clinical instructor and clinical assistant professor. This is the only

cardiology service in the state and region (including Arkansas, Mississippi, Alabama, and western Florida) offering the expertise of a Board-Certified veterinary cardiologist.

Professional Courses Taught at Other Colleges

Graduate Courses Taught – graduate courses in the veterinary curriculum typically have 3 to 6 students

-VCS 7208 Cardiovascular Physiology

Course Coordinator 2001, 2004 (28 lecture hrs)

Lecturer – Cardiovascular Physiology, Cardiovascular Pathophysiology, Electrocardiography, Thoracic Radiography, Echocardiography, Congenital Heart Disease, Myocardial Disease, Valvular Disease, Heartworm Disease, and Miscellaneous Cardiac Diseases.

-26 hours, Fall 2001

-26 hours, Fall 2004

Lecturer -4 hours, Fall 2008

-CBS 7003 Electrocardiography

Lecturer (16 lecture hours) – Basic ECG interpretation for graduate students

1.2.2 Publications Concerning Instruction

1.2.2.1 Textbooks - na

1.2.2.2 Proceedings Books - na

1.2.2.3 Shorter Works - na

1.2.2.4 Edited Books - na

1.2.2.5 Recordings - na

1.2.2.6 Instructional Material - na

1.2.2.7 Miscellaneous Publications - na

1.2.3 INSTRUCTIONAL PUBLICATIONS ACCEPTED - na

1.2.4 PARTICIPATION IN:

1.2.4.1 Professional Meetings, Symposia, Workshops, and Conferences on Teaching
- na

1.2.4.2 Local Instructional Activities-na

1.2.5 OTHER INSTRUCTIONAL ACTIVITIES AND CONTRIBUTIONS

1.2.5.1 Membership in Professional Organizations - na

1.2.5.2 Administrative Duties-na

1.2.5.3 New Teaching Methods or Instructional Material Developed

Course Notes: Complete set of course notes developed for each of the courses listed in section 1.2.1.3. I prepared extensive and comprehensive notes for each of the didactic lectures given as well as for the clinical rotation. These notes are updated yearly as new information becomes available.

Lecture Presentations Aids: Complete slide sets using photographs or case material generated in the veterinary teaching hospital and word slides generated with presentation

graphics programs such as Microsoft Powerpoint. Currently, the lectures are all presented as MS Powerpoint presentations. Echocardiographic videos with examples of various cardiac disorders and an electrocardiographic workbook are also utilized as teaching material.

Board Exam Reviews: Each year since 1997, I have given a review of cardiac physiology, diseases, therapy, and diagnostics prior to the December National Board and Licensing Examinations to help the students prepare for the examination.

1.2.5.4 Contributions to the House Officer Training Programs

Participant in (1997 to present):

- Small Animal Medicine Journal Club
- Small Animal Medicine House Officer Rounds
- Small Animal Medicine Residents Cardiology Case Discussion Rounds

-Secondary Residents Mentoring

- Dr. Kenneth Arceneaux*
- Dr. Anita Leib*
- Dr. May-li Cuypers*
- Dr. Tracy Geiger*
- Dr. Judith Howard*
- Dr. Maria Camps*
- Dr. Kirk Ryan*
- Dr. Lori Locke-Bohannon*
- Dr. Gabby Hoffman*
- Dr. Bernard Gerber*
- Dr. Thierry Francey*
- Dr. Amy Hipple**
- Dr. Stephanie Correa**
- Dr. Grace Berg
- Dr. Sasha Mace***
- Dr. Marika Laszlo***
- Dr. Iwan Burgener*
- Dr. Alexander Gerold*
- Dr. Nicole Luckshander*
- Dr. Ariane Schweighauser*
- Dr. Lisa Langs
- Dr. Janet Bailey
- Dr. Nicole Schreiner
- Dr. Vera Maeckelberg
- Dr. Heather Hoch
- Dr. Paola Gionella
- Dr. Julian Dandrieux
- Dr. John Fletcher
- Dr. Heather Hoch

*Board-certified, American College of Veterinary Internal Medicine Specialty of Internal Medicine

**Board-certified, American College of Veterinary Internal Medicine, Specialty of Oncology

***Board “eligible”, American College of Veterinary Internal Medicine Specialty of Internal Medicine

Secondary Intern Mentoring

- Dr. Dan Hogan
- Dr. Mike Jaffe
- Dr. Ronald Johnson
- Dr. Jenise Daigle
- Dr. Taskeen Mirza
- Dr. Kirk Ryan
- Dr. Nancy McGuire
- Dr. Marika Laszlo
- Dr. Cassandra Long
- Dr. Catherine McDermott
- Dr. Blane Burkert
- Dr. Heather Willis-Goulet
- Dr. Renee Carter
- Dr. Alison Griffin
- Dr. Anna Osofsky
- Dr. Karen Farver
- Dr. Holly Poremski
- Dr. David Dismukes

Advised on specialty board preparation for Drs. Leib, Arceneaux, Cuypers, Howard, Correa, Geiger, Ryan, Locke-Bohannan, Hoffman, Francey, Gerber, Gerold, Burgener, Luckshander, Laszlo, Mace, Bailey, Langs, Schweighauser, Schreiner, Gionella, Fletcher, Hoch, Maeckelberg

1.2.6 Awards, Lectureships or prizes that show recognition of Teaching Achievement

-Outstanding Teacher of the Year (Class of 2005)-2003

-Outstanding Teacher of the Year (Class of 2006)-2004

-Outstanding Teacher of the Year (Class of 2007)-2005

Each of the four classes in the veterinary curriculum votes on a teacher that they are exposed to during the course of the school year. This award also serves as a formal nomination of a teacher for the Norden Distinguished Teacher of the Year Award.

-Carl J. Norden/Pfizer Animal Health Distinguished Teacher of the Year-2005

-Gamma Sigma Delta Teacher Merit Honor Roll Award-2003

-Gamma Sigma Delta Teacher Merit Honor Roll Award-2004

1.2.7 Research Support/Grant Activities Aimed at Advancing One's Ability to Teach

Educational Grants funded-na

Educational Grants submitted-na

1.3 RESEARCH AND CREATIVE ACTIVITY

1.3.1 PUBLICATIONS

1.3.1.1 Books and Monographs-na

1.3.1.2 Shorter Works

Book Chapters

-**Strickland KN.** Pathophysiology and Therapy of Heart Failure. In Tilley L, Smith F, Oyama M, and Sleeper M (ed.). Manual of Canine and Feline Cardiology, 4th Edition, Saunders and Co. 2008 p 288-314.

-**Strickland KN.** Congenital Heart Disease. In Tilley L, Smith F, Oyama M, and Sleeper M (ed.). Manual of Canine and Feline Cardiology, 4th Edition, Saunders and Co. 2008 p. 215-239.

-**Strickland KN** and Atkins CE. Heartworm Disease, Cat. In: Cote E (ed), Clinical Veterinary Advisor: Dogs and Cats. St. Louis, Mosby Elsevier, 2007, pp 462-464.

-**Strickland KN** and Atkins CE. Heartworm Disease, Dog. In: Cote E (ed), Clinical Veterinary Advisor: Dogs and Cats. St. Louis, Mosby Elsevier, 2007, pp 465-467.

-**Strickland, K. N.** The Cardiovascular System. In Colville T. and Bassert J.M (ed): Clinical Anatomy and Physiology for Veterinary Technicians. Mosby-Harcourt, Philadelphia 2002:164-193.

-**Strickland, K. N.** Pathophysiology and Therapy of Heart Failure. Tilley LP and Goodwin JK (ed). Manual of Canine and Feline Cardiology, 3rd edition. WB Saunders and Co Philadelphia 2000:347-370.

-**Strickland, K. N.** Advances in Antiarrhythmic Therapy. In: Goodwin JK (ed): Advances in Cardiovascular Diagnostics and Therapy, Veterinary Clinics of North America: Small Animal Practice. 1998;28(6):1515-1546.

-**Strickland, K. N.** Canine and Feline Caval Syndrome. In: Miller MW (ed): Clinical Techniques in Small Animal Practice, 1998;13(2):88-95

Refereed Articles

-Rembert MS, Smith JA, **Strickland KN**, Tully TN. Intermittent Bradyarrhythmias in an Experimental Hispaniolan Amazon Parrot (*Amazona ventralis*). *Journal of Avian Medicine and Surgery* 22(1):31-40, 2008

-Hoch H and **Strickland KN**. Canine and Feline Dirofilariasis: Life cycle, Pathophysiology, and Diagnosis. *Compendium on Continuing Education for the Practicing Veterinarian*. March 2008, p.133-140.

-Hoch H and **Strickland KN**. Canine and Feline Dirofilariasis: Prophylaxis, Treatment, and Complications of Treatment. *Compendium on Continuing Education for the Practicing Veterinarian*. March 2008, p.146-152.

-**Strickland KN**. Devices: Artificial Cardiac Pacemakers for Use in Small Animals. *NAVC Clinicians' Brief*. April 2007, pp. 23-25.

Valdes-Martinez A, Eades SC, **Strickland KN**, Roberts ED. Echocardiographic evidence of an aortico-pulmonary window in a 4 day old foal. *Vet Radiol Ultrasound*. 47(1):87-9, Jan-Feb 2006.

Evans DE, Tully TN, **Strickland KN**, Williams J. and Rich GA. Congenital cardiovascular anomalies, including ventricular septal defects, in 2 cockatoos. *J Av Med & Surg* 2001;15(2):101-106.

Ryan KA and **Strickland KN**. Veterinary Medicine Today: What's your diagnosis? *J Am Vet Med Assoc* 2001;219(10):1062-1062.

Prosek, R. and **Strickland, K.N.** Clinical snapshot. *Compendium on Continuing Education for the Practicing Veterinarian*. 2000;22(2):144.

Strickland, K.N., Ventriculophasic sinus arrhythmia associated with third-degree atrioventricular block in the canine, ECG of the Month. *J Am Vet Med Assoc* 1998;212(1):28-29.

Strickland, K. N. Management of chronic congestive heart failure. *Veterinary Medicine* 1998;93(10):913-919.

Goodwin, J. K. and **Strickland, K. N.** The role of dietary modification and nondrug therapy in dogs and cats with congestive heart failure. *Veterinary Medicine*. 1998;93(10):919-926.

Goodwin, J. K. and **Strickland, K. N.** The emergency management of dogs and cats with congestive heart failure. *Veterinary Medicine*. 1998;93(9): 818-823.

Goodwin, J. K. and **Strickland, K. N.** Managing arrhythmias in dogs and cats with congestive heart failure. *Veterinary Medicine*. 1998;93(9):818-823.

Strickland, K.N., ECG Feature: Right bundle branch block in the feline, *Academy of Veterinary Cardiology*, 1997;18(1):8-10.

Non-refereed / Proceedings Manuscripts

- Strickland KN.** Current Heart Failure Therapy; Where are we today? 76th Annual Conference for Veterinarians, LSU-SVM, Nov 10, 2007 p 35-38.
- Strickland KN.** Dilated Cardiomyopathy in Doberman Pinschers: the LSU Experience. Proceedings, 24th ACVIM Annual Forum, Seattle, WA June 2007.
- Strickland KN.** Caval Syndrome: Heartworm Embolectomy. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Treating Ventricular Tachycardia: Keys to Success. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Managing Atrial Fibrillation Made Easy. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Pericardial Effusion: Stop the Tamponade. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Heart Failure Therapy: Where Are We Today? NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Feline Cardiomyopathy. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Feline and Canine Electrocardiographic Evaluation. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Antiarrhythmic Approach for Canine Cardiomyopathy. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland KN.** Emergency Management of Cardiogenic Pulmonary Edema. NAVC Proceedings, VOL 21, Orlando, FL. January 2007
- Strickland, KN.** T-wave Alternans: a predictor of arrhythmic risk? Proceedings, 23rd ACVIM Annual Forum, Baltimore, MD June 2005.
- Strickland, KN.** Canine Dilated Cardiomyopathy. Proceedings, American Animal Hospital Association, Baltimore, MD March 2005
- Strickland, KN.** Canine Valvular Disease. Proceedings, American Animal Hospital Association, Baltimore, MD March 2005
- Strickland, KN.** Small Animal Echocardiography. Proceedings, American Animal Hospital Association, Baltimore, MD March 2005

- Strickland, KN.** Canine Dilated Cardiomyopathy. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Chronic Canine Valvular Disease. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Case Studies: Echocardiography. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Congestive Heart Failure. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Nursing the Cardiac Patient. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Interpretation of Heart Sounds. Proceedings, Western Veterinary Conference, Las Vegas, NV February 2005
- Strickland, KN.** Basic Electrocardiography. Proceedings 22nd ACVIM Annual Forum, Minneapolis, MN 2004.
- Strickland, KN.** Echocardiography: the Canine Experience. Proc, 22nd ACVIM Annual Forum, Minneapolis, MN 2004.
- Strickland, KN.** Doppler tissue imaging in Doberman pinschers. Proc, 21st ACVIM Annual Forum, Charlotte, NC, 2003.
- Strickland, KN.** Pentoxifylline as an adjunctive therapy for congestive heart failure. Proc, 21th ACVIM Annual Forum, Charlotte, NC, 2003.
- Strickland, KN.** QT dispersion: assessment of ventricular repolarization. Proc, 20th ACVIM Annual Forum, Dallas 2002, p 95-96.
- Strickland, KN.** Left atrial fractional shortening in cats. Proc, 19th ACVIM Annual Forum, Denver 2001, p 86-87.

Papers presented at State and Local meetings

- Strickland KN.** Current Heart Failure Therapy; Where are we today? 76th Annual Conference for Veterinarians, LSU-SVM, Nov 10, 2007 p 35-38.
- Strickland, KN.** Cardiac emergencies. 71st Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA October 2002
- Strickland, KN.** Breed associated cardiovascular diseases. Singing River Kennel Club of Mississippi Veterinary Conference. Biloxi, MS 2002
- Strickland, KN.** Caval syndrome. 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. September, 2001.

-**Strickland, KN.** Basic echocardiography. 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. September, 2001.

-**Strickland, KN.** Basic electrocardiography. 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. September, 2001.

-**Strickland, KN.** Updates in clinical cardiology. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA 2001.

-**Strickland, KN.** Cardiovascular diagnostics. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA 2001.

-**Strickland, KN.** Therapy for congestive heart failure. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA 2001

-**Strickland, KN.** Update: small animal cardiology. Lafayette Veterinary Medical Association, Lafayette, LA. July, 2001.

-**Strickland, KN.** Feline cardiomyopathy. Baton Rouge Area Veterinary Medical Association, Baton Rouge, LA. 2001 Feline Cardiomyopathy. Baton Rouge Area Veterinary Medical Association Baton Rouge, LA June, 2001

-**Strickland, KN.** Update: canine cardiomyopathy. 69th Annual Louisiana State University School of Veterinary Medicine Fall Conference. LSU-SVM, Baton Rouge, LA. September, 2000.

-**Strickland, KN.** Electrocardiography for technicians. 69th Annual Louisiana State University School of Veterinary Medicine Fall Conference. LSU-SVM, Baton Rouge, LA. September, 2000.

-**Strickland, KN.** Small animal clinical cardiology. Louisiana State Veterinary Medical Association Summer Meeting, Gulf Shores, Alabama. August 2000.

-**Strickland, KN.** Cardiovascular diagnostics: Electrocardiography. Lafayette Veterinary Medical Association, Lafayette, LA., August 2000.

-**Strickland, KN.** Clinical cardiology case studies. Northwest Louisiana Veterinary Medical Association, Shreveport, LA. February, 2000.

-**Strickland, KN.** Update: cardiovascular therapy in small animals. Calcasieu Veterinary Medical Association, Lake Charles, LA. January, 2000.

-**Strickland, KN.** Therapy of chronic heart failure. Baton Rouge Area Veterinary Medical Assoc., Baton Rouge, LA. November, 1999

-**Strickland, KN.** ECGs made easy. 68th Annual Conference for Veterinary Technicians and Support Personnel, LSU-School of Veterinary Medicine, Baton Rouge, LA. September, 1999.

-**Strickland, KN.** Emergency management of congestive heart failure. Short topics in Oncology and Critical Care Medicine. Louisiana State University School of Veterinary Medicine. Baton Rouge, LA. Dec. 1998.

-**Strickland, KN.** Emergency management of heart failure: case studies. Lafayette Veterinary Medical Association. Lafayette, LA. November, 1998.

-**Strickland, KN.** Therapy for acute congestive heart failure, LSU Student VECCS, March, 1998.

-**Strickland, KN.** Cardiology case studies, LSU Student Veterinary Emergency and Critical Care Society, November, 1998.

-**Strickland, KN.** New therapies for feline myocardial disease. Fall Feline Meeting, Louisiana State University-School of Veterinary Medicine, Baton Rouge, LA. December 12, 1996.

-**Strickland, KN.** Heart failure therapy in small animals. Mississippi Veterinary Medical Association Summer Conference, Biloxi, Mississippi, June 22, 23, 1996.

-**Strickland, KN.** What's new in companion animal cardiology: update on canine cardiomyopathy, Fall Conference: 64th Conference for Veterinarians, Louisiana State University-School of Veterinary Medicine. October 14, 1995

-**Strickland, KN.** Sudden cardiac death and QT dispersion, Seminar, Louisiana State University-School of Veterinary Medicine, September 29, 1995.

Poster Presentations / Research Abstracts

Hariu CD and **Strickland KN.** Characterization and comparison of plasma endothelin-1 levels in normal, asymptomatic cardiomyopathic and symptomatic cardiomyopathic Doberman Pinschers. Phi Zeta Day. LSU-SVM, 2005

Hariu CD and **Strickland KN.** Characterization and comparison of plasma endothelin-1 levels in normal, asymptomatic cardiomyopathic and symptomatic cardiomyopathic Doberman Pinschers. Merck-Merial Scholars Program Symposium, Auburn University School of Veterinary Medicine, 2005

Reed W and **Strickland KN.** Myocardial Velocities Determined by Doppler Tissue Imaging in Doberman Pinschers. Phi Zeta Day. LSU-SVM, 2004

Bordelon S and **Strickland KN.** QT Dispersion and Transmural Dispersion of Repolarization in Doberman Pinschers. Phi Zeta Day. LSU-SVM, 2003.

Bordelon S and **Strickland KN.** QT Dispersion and Transmural Dispersion of Repolarization in Doberman Pinschers. Merck-Merial Scholars Program Symposium Kansas State University School of Veterinary Medicine, 2003.

Journals edited, manuscripts refereed, books or proposals reviewed

-Editorial Review Board

-Journal of the American Animal Hospital Association

-Ad hoc reviewer:

-Journal of Veterinary Internal Medicine

-Journal of Veterinary Medical Association

-Journal of Avian Medicine and Surgery

-Textbook of Canine and Feline Cardiology: Principles and Clinical Practice. Sisson, D., Fox, P., and Moise, S. (Ed) 2nd Ed. WB Saunders & Co. 1999 for AVMA

-VetStream-Equis: Mitral Regurgitation, Tricuspid Regurgitation, Aortic Regurgitation, Tetralogy of Fallot, Ventricular Septal Defect: Reviewer and Editor for the cardiology section of this CD publication, 2004-2005

1.3.1.3 Edited Books with Scholarly Introductions or Notes by the Editor - na

1.3.1.4 Collections of Previously Unpublished Material, correspondence and Diaries - na

1.3.1.5 Recordings - na

1.3.1.6 Miscellaneous – Lay Publications

-Costello K. Heart Disease in Cats. I Love Cats. March/ April 2008, p 18-19 (phone interview)

1.3.2 ACCEPTED FOR PUBLICATION BUT NOT YET PUBLISHED

Book Chapters – na

Refereed - na

Non-refereed - na

Abstracts - na

Proceedings - na

1.3.3 OTHER SCHOLARLY OR CREATIVE ACTIVITIES

Original Works presented - na

Other creative activities - na

1.3.4 PARTICIPATION IN PROFESSIONAL MEETINGS, SYMPOSIA, WORKSHOPS AND CONFERENCES

International

-International Canine Valve Disease Symposium (ICVS). Stockholm, Sweden. May 17-18, 2008. (invited guest)

-The North American Veterinary Conference. Orlando, FL. January 2007

-Caval Syndrome: Heartworm Embolectomy

-Treating Ventricular Tachycardia: Keys to Success

- Managing Atrial Fibrillation Made Easy
 - Pericardial Effusion: Stop the Tamponade
 - Heart Failure Therapy: Where Are We Today
 - Feline Cardiomyopathy
 - Feline and Canine Electrocardiographic Evaluation
 - Antiarrhythmic Approach for Canine Cardiomyopathy
 - Emergency Management of Cardiogenic Pulmonary Edema
 - Master Class: Small Animal Cardiology: When to Refer
- The North American Veterinary Conference. Orlando, FL. January 2005
 - MasterClass: Difficult Cases in Small Animal Cardiology.
 - The North American Veterinary Conference. Orlando, FL. January 2004
 - Directed Learning Experience (Thoracic Radiology - 8 hours)
 - Canine Ultrasound Techniques Lab (8 hours)
 - The North American Veterinary Conference. Orlando, FL. January 2003
 - Directed Learning Experience (Thoracic Radiology - 8 hours)
 - Canine Ultrasound Techniques Lab (8 hours)

National

- Specialty of Cardiology-Pimobendan Conference. San Antonio, TX April 20-21, 2007 (attendee)
- Strickland KN. Current Heart Failure Therapy; Where are we today? 76th Annual Conference for Veterinarians, LSU-SVM, Nov 10, 2007.
- Strickland KN. Dilated Cardiomyopathy in Doberman Pinschers: the LSU Experience. ACVIM Annual Forum, Seattle, WA June 2007.*
- 24th ACVIM Annual Forum, Lexington, Kentucky, June 2006.(attendee and Cardiology Program Chair).
- Strickland KN. T-wave Alternans. 23rd ACVIM Annual Forum, Baltimore, MD, June 2005*
- Canine Dilated Cardiomyopathy; Canine Valvular Disease; Small Animal Echocardiography. American Animal Hospital Association, Baltimore, MD March 2005
- Canine Dilated Cardiomyopathy; Chronic Canine Valvular Disease; Congestive Heart Failure; Echocardiographic Case Studies; Interpretation of Heart Sounds; Nursing the Cardiac Patient. Western Veterinary Conference, Las Vegas, NV February 2005
- Basic Electrocardiography; Echocardiography: the Canine Experience. 22nd ACVIM Annual Forum, Minneapolis, MN 2004.
- Pentoxifylline as an adjunctive therapy for congestive heart failure. American College of Veterinary Internal Medicine Annual Forum, Charlotte, NC, June, 2003*

-Doppler tissue imaging in Doberman pinschers. American College of Veterinary Internal Medicine Annual Forum, Charlotte, NC, June, 2003*

-QT dispersion. American College of Veterinary Internal Medicine Annual Forum, Dallas, TX, May, 2002*

-Left atrial global fractional shortening in cats. American College of Veterinary Internal Medicine Annual Forum, Chicago, IL, June, 2001*

*The above presentations were for the Cardiology Specialists portion of the ACVIM Forum. This portion of the Forum is for advanced cardiology presentations directed at Diplomates of internal medicine and cardiology.

State and Local

-Small Animal Cardiology. Lafayette Veterinary Medical Association, Lafayette, LA May 2007

-Current Heart Failure Therapy; Where are we today? 76th Annual Conference for Veterinarians, LSU-SVM, Nov 10, 2007

-Strickland, KN. Cardiac emergencies. 71st Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA October 2002

-Congenital Heart Disease. Annual Dolphin Splash AKC All-breeds Dog Show (Seminars for Breeders) Biloxi, MS, August 2004.

-Cardiovascular Radiography. Lafayette Veterinary Medical Association, Lafayette, LA July 2004

-Current topics in cardiology. Singing River Kennel Club of Mississippi Veterinary Conference. Biloxi, MS July 2003

-Breed associated cardiovascular diseases. Singing River Kennel Club of Mississippi Veterinary Conference. Biloxi, MS July 2002

-Caval syndrome, 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. 2001.

-Basic electrocardiography, 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. 2001.

-Basic echocardiography. 70th Annual Conference for Veterinarians, Veterinary Technicians, and Support Personnel. LSU-School of Veterinary Medicine, Baton Rouge, LA. 2001.

- Clinical cardiology updates. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA. 2001.
- Therapy for congestive heart failure. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA. 2001.
- Cardiovascular diagnostics. Southeast Louisiana Veterinary Medical Association Conference, New Orleans, LA. 2001.
- Update: small animal cardiology. Lafayette Veterinary Medical Association, Lafayette, LA. July, 2001.
- Feline cardiomyopathy. Baton Rouge Area Veterinary Medical Association, Baton Rouge, LA. 2001
Feline Cardiomyopathy. Baton Rouge Area Veterinary Medical Association Baton Rouge, LA June, 2001
- Update: canine cardiomyopathy. 69th Annual Louisiana State University School of Veterinary Medicine Fall Conference. LSU-SVM, Baton Rouge, LA. September, 2000.
- Electrocardiography for technicians. 69th Annual Louisiana State University School of Veterinary Medicine Fall Conference. LSU-SVM, Baton Rouge, LA. September, 2000.
- Dean's Grand Rounds: a very bad combination: congestive heart failure and renal failure. Presented to the faculty, house officers, and students of the LSU-SVM. September, 2000.
- Small animal clinical cardiology. Louisiana State Veterinary Medical Association Summer Meeting, Gulf Shores, Alabama. August 2000.
- Cardiovascular diagnostics: electrocardiography. Lafayette Veterinary Medical Association, Lafayette, LA., August 2000.
- Clinical cardiology case studies. Northwest Louisiana Veterinary Medical Association, Shreveport, LA. February, 2000.
- Update: cardiovascular therapy in small animals. Calcasieu Veterinary Medical Association, Lake Charles, LA. January, 2000.
- Therapy of chronic heart failure. Baton Rouge Area Veterinary Medical Assoc., Baton Rouge, LA. November, 1999
- ECGs made easy. 68th Annual Conference for Veterinary Technicians and Support Personnel, LSU-School of Veterinary Medicine, Baton Rouge, LA. September, 1999.
- Emergency management of congestive heart failure. Short topics in Oncology and Critical Care Medicine. Louisiana State University School of Veterinary Medicine. Baton Rouge, LA. Dec. 1998.

- Emergency management of heart failure: Case studies. Lafayette Veterinary Medical Association. Lafayette, LA. November, 1998.
- Therapy for acute congestive heart failure, LSU Student VECCS, March, 1998
- Cardiology case studies, LSU Student Veterinary Emergency and Critical Care Society, November, 1998
- New Therapies for feline myocardial disease. Fall Feline Meeting, Louisiana State University-School of Veterinary Medicine, Baton Rouge, LA. December 12, 1996.
- Heart failure therapy in small animals. Mississippi Veterinary Medical Association Summer Conference, Biloxi, Mississippi, June 22, 23, 1996.
- What's new in companion animal cardiology: update on canine cardiomyopathy, Fall Conference: 64th Conference for Veterinarians, Louisiana State University-School of Veterinary Medicine. October 14, 1995
- Sudden cardiac death and QT dispersion, Seminar, Louisiana State University-School of Veterinary Medicine, September 29, 1995.

1.3.5 OTHER SCHOLARLY OR CREATIVE ACTIVITIES OR CONTRIBUTIONS TO THE PROFESSION

1.3.5.1 Membership in Professional and Scientific Organizations

-National

- American College of Veterinary Internal Medicine;
Diplomate (Cardiology) (1998 to present)
- American Veterinary Medical Association (1989 to present)
- Phi Kappa Phi Honor Society (1993)
- Golden Key Honor Society (1992)
- Alpha Delta Epsilon Premedical Honor Society (1992)

-State and Local

Baton Rouge Area Veterinary Medical Association (1998 to present)

1.3.5.2 State Veterinary Licenses: Louisiana

1.3.6 RESEARCH / GRANT ACTIVITIES

1.3.6.1 Grants and Contracts Funded

Principal Investigator

-Endothelin-1 in Doberman Pinschers with and without Dilated Cardiomyopathy. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. February, 2005. (\$5000.00)

-Myocardial Velocities determined by Doppler Tissue Imaging in Doberman pinschers. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. 2004. (\$5000.00)

-Idiopathic Dilated Cardiomyopathy in Doberman Pinscher Dogs: Early Detection, Sudden Cardiac Death Risk Stratification, and Evaluation of Pentoxifylline as Adjunctive Therapy for Congestive Heart Failure. Request for additional funding by the Doberman Pinscher Foundation of America, INC. October 15, 2003-2004 (total \$8750.00)

-QT Dispersion and Transmural Dispersion of Repolarization in Doberman Pinschers. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. 2003. (\$5000.00)

-Idiopathic Dilated Cardiomyopathy in Doberman Pinscher Dogs: Early Detection, Sudden Cardiac Death Risk Stratification, and Evaluation of Pentoxifylline as Adjunctive Therapy for Congestive Heart Failure. Funded by the Doberman Pinscher Foundation of America, INC. 1999 (\$3610.00)

Total funding awarded to date: \$23,710.00

1.3.6.2 Research support/grants submitted

-Myocardial Velocities determined by Doppler Tissue Imaging in Doberman pinschers. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. 2004. (\$5000.00)

-Endothelin-1 in Doberman Pinschers with and without Dilated Cardiomyopathy. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. February, 2005. (\$5000.00)

-Doppler Tissue Imaging Characterization of subvalvular aortic stenosis, chronic primary mitral regurgitation and idiopathic dilated cardiomyopathy. Merck-Merial Animal Health Scholars Program. Louisiana State University School of Veterinary Medicine. February, 2005. (\$5000.00)

-T-wave Alternans as a Predictor of Ventricular Arrhythmias and Sudden Cardiac Death in Dogs with Dilated Cardiomyopathy, Boxer Cardiomyopathy, and Subvalvular Aortic Stenosis. Submitted to the Morris Animal Foundation, November 3, 2003 (\$58,200.00).

-Idiopathic Dilated Cardiomyopathy in Doberman Pinscher Dogs: Early Detection, Sudden Cardiac Death Risk Stratification, and Evaluation of Pentoxifylline as Adjunctive Therapy for Congestive Heart Failure. Request for additional funding by the Doberman Pinscher Foundation of America, INC. October 15, 2003 (\$8,710.00)

-Plasma Endothelin-1 Concentration in Normal Dogs and Dogs with Compensated and Decompensated Heart Failure. Presented to: LSU-SVM Veterinary Clinical Sciences Departmental Organized Research Program 1999 (\$2,650.00)

Total Funding Requested to date: \$86,910.00

1.3.6.3 Other Non-funded Research and Creative Activity

-Left Atrial M-mode in normal cats and cardiomyopathic cats with and without congestive heart failure (ongoing)

1.3.6.4 Research Collaboration

1.3.6.5 Major Areas of Research Interest

- Echocardiographic evaluation of Diastolic function
- Analysis of ventricular repolarization
- T-wave alternans (TWA), transmural dispersion of repolarization (TDR), and QT dispersion and their association with sudden cardiac death in dogs with dilated cardiomyopathy, aortic stenosis, and boxer cardiomyopathy
- Doppler Tissue Imaging in the evaluation of cardiac function
- Beta-Adrenergic Blockade in the therapy of congestive heart failure

1.4 SERVICE

-Master of Ceremonies. LSU-SVM Awards Banquet 2006

1.4.1 STUDENT ORGANIZATIONS ADVISED - na

1.4.2 RECRUITMENT OF STUDENTS AND FACULTY

Search Committees for Faculty Positions

Cardiology Search Committee (2005-2007)- Chairman

-Dr. Romain Pariaut

Ophthalmology Search Committee (1999)-member

-Dr. Carmen Colitz

Anesthesiology Search Committee (2001)-member

-Dr. Claudio Natalini

Companion Animal Medicine Search Committee (2002)-member

-Dr. Susan Eddlestone

Radiology Search Committee (2002)-member

-Dr. Sammy Ramirez

Search Committees for House Officer Positions

Folder Review

-Internal Medicine Resident Candidates (1998-2005)

-Small Animal Medicine and Surgery Intern Candidates (1998-2005)

Search Committees for Professional Students

Interviewer (1999-2000)

1.4.3 UNIVERSITY SERVICE

1.4.3.1 Louisiana State University Faculty Senate Committees - na

1.4.3.2 Louisiana State University Committees - na

1.4.3.2 Louisiana State University, School of Veterinary Medicine Committees

-Department of Veterinary Clinical Sciences

-Clinical-track Assistant Professor (1998-present)

-Search Committees for Faculty Positions

-Ophthalmology Search Committee (1999)-member

-Anesthesiology Search Committee (2001)-member

-Companion Animal Medicine Search Committee (2002)-member

-Radiology Search Committee (2002)-member

-Cardiology Search Committee (2005-2007)-chair

-Veterinary Teaching Hospital and Clinics

-Referral Veterinary Committee (2005)

-ED2 Facilities Planning Committee (2004-2005)

-Medical Records Committee-chair (1999-2003)

-Technician Leave Committee (2003)

-Small Animal Section, (1996 to present)

1.4.4 PROFESSIONAL SERVICE

1.4.4.1 Advisory boards, commissions, or agencies

-American College of Veterinary Internal Medicine (1998 to present)

-Chairman, Cardiology Program Committee 2006 ACVIM Annual Forum, Louisville, Kentucky May 31-June 3, 2006

1.4.4.2 Journals edited, manuscripts refereed, books or proposals reviewed

-Ad hoc reviewer:

-Journal of Veterinary Internal Medicine

-Journal of Veterinary Medical Association

-Journal of Avian Medicine and Surgery

1.4.5 OTHER EXTERNAL SERVICE

1.4.5.1 Art Shows / Science Fairs Judged - na

1.4.5.2 Public Service

-Clinic Service

-Client Service

-10 to 20 hours per week while on clinic duty (approximately 35-36 weeks per year)

Patient Care

-approximately 35-40 hours per week while on clinic duty

Telephone Consultation

-5 to 10 hours per week providing consultation services for referring veterinary community while on clinic duty

Emergency Duty

-at risk for emergency cardiac procedures 52 weeks per year

-Community Service / Education Efforts

-Heart Health Station, Cavalier King Charles Spaniel Club, New Orleans, LA.
April 2002, 2003, 2004, 2005, 2006

-Heart Health Station, American Kennel Club All Breeds Dog Show, Biloxi, MS.
July 2001, 2002, 2003, 2004, 2005, 2006

-Tune in Two - Channel 2 News: Cardiology at Louisiana State University
School of Veterinary Medicine: Cardiac Pacemakers in Dogs. 2001