The Department of Veterinary Large Animal Clinical Sciences (VLCS) has a strong commitment to scholarship and graduate education with an emphasis on research and training relevant to horses and other farm animals. Degrees offered include both the Master of Science (MS) and Doctor of Philosophy (PhD) in Biomedical Sciences. In addition, some faculty members participate in interdisciplinary programs of study such that it is possible to earn MS or PhD degrees in Genetics and Toxicology through VLCS.

The established areas of study in VLCS include equine infectious disease epidemiology, equine reproduction, and equine regenerative medicine. Other areas of research interest and activity are diagnostic imaging, ruminant gastroenterology, ruminant urolithiasis, and small ruminant reproduction. Prospective graduate students must first identify a VLCS faculty member willing to accept them as a graduate student before applying to a graduate degree offered through the Department. More information about faculty research interests, admission to graduate studies, and the department is available at http://vetmed.tamu.edu/vlcs.

Faculty

Arnold, Carolyn, Assistant Professor
Vet Large Animal Clinical Sc
DVM, Michigan State University, 1998

Bissett, Wesley, Associate Professor
Vet Large Animal Clinical Sc
PhD, Texas A&M University, 2007
DVM, Texas A&M University, 1997

Blanchard, Terry, Professor
Vet Large Animal Clinical Sc
DVM, Kansas State University, 1976
MS, University of Missouri-Columbia, 1983

Carter, Gerald, Professor
Vet Large Animal Clinical Sc
DVM, Colorado State University, 1979
MS, Utah State University, 1976
MS, Texas A&M University, 1982

Chaffin, Morgan, Professor
Vet Large Animal Clinical Sc
DVM, North Carolina State University, 1985
MS, Texas A&M University, 1990

Cohen, Noah, Professor
Vet Large Animal Clinical Sc
PhD, John Hopkins University, 1988
VMD, University of Pennsylvania, 1983
MPH, Johns Hopkins University, 1986

Dabareiner, Robin, Associate Professor
Vet Large Animal Clinical Sc
DVM, University of Minnesota, 1988
PhD, Virginia/Maryland Regional College of Veterinary Medicine, 1998
MS, Virginia-Polytechnic Institute & State University, 1992

Dinges, Lewis, Clinical Assistant Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 1995

Dominguez, Brandon, Clinical Assistant Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 2005

Easterwood, Leslie, Clinical Assistant Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 1995

Ellis, Cheryl, Lecturer
Vet Large Animal Clinical Sc
DVM, University of California, Davis, CA, 2010

Griffin, John, Assistant Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 2004

Hardy, Joanne, Clinical Associate Professor
Vet Large Animal Clinical Sc
PhD, Ohio State University, 1996
DVM, University of Montreal, 1982

Hartnack, Amanda, Assistant Professor
Vet Large Animal Clinical Sc
DVM, Colorado State University, 2010

Hilburn, Amy, Lecturer
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 2006

Jones, Meredyth, Assistant Professor
Vet Large Animal Clinical Sc
DVM, Oklahoma State University, 2002
MS, Oklahoma State University, 2006

Love, Charles, Associate Professor
Vet Large Animal Clinical Sc
PhD, University of Pennsylvania, 1995
DVM, University of Missouri-Columbia, 1984

Marsh, Chad, Clinical Assistant Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 2007

Martin, Michael, Associate Professor
Vet Large Animal Clinical Sc
DVM, Texas A&M University, 1968
Courses

VLCS 622 Equine Epidemiology and Infectious Diseases
Credits: 3.3 Lecture Hours.
Principles and methods of epidemiology applied to equine health and prevention and control of selected equine infectious diseases.
Prerequisites: Enrollment in equine certificate and graduate classification, or approval of instructor.

VLCS 681 Seminar
Credit: 1.1 Lecture Hour.
Oral communication of current research and selected topics in large animal veterinary medicine and clinical research methodology to include lectures, presentations, interviews, and discussions.
Prerequisite: Approval of instructor.

VLCS 685 Directed Studies
Credits: 1 to 8.1 to 8 Other Hours.
Original investigations of problems in the field of large animal surgery, therapeutics, preventive veterinary medicine or radiology. May be repeated for credit.
Prerequisites: Approval of instructor.

VLCS 691 Research
Credits: 1 to 23.1 to 23 Other Hours.
Research for thesis.

VLCS 930 Advanced Equine Medicine and Surgery
Credits: 3.3 Lecture Hours.
Advanced diagnostic techniques and management strategies for species specific disorders of horses.
Prerequisite: Enrollment in the third year of professional curriculum.

VLCS 931 Advanced Ruminant Medicine and Surgery
Credits: 2.2 Lecture Hours.
Advanced diagnostic techniques and management strategies for species specific disorders of ruminant species.
Prerequisite: Enrollment in the third year of professional curriculum.

VLCS 932 Advanced Ruminant Herd Health and Production
Credits: 2.2 Lecture Hours.
Principles needed to provide veterinary services to populations of ruminants including preventive health programs, record keeping and approaches to controlling herd/flock disease outbreak or production shortfalls.
Prerequisite: Third year veterinary student.

VLCS 940 Large Animal Clinics I
Credits: 2.35 Lab Hours.
Student participation with clinical cases in the large animal medicine services of the Veterinary Teaching Hospital. Must be taken two times.
Prerequisite: Fourth year classification in veterinary medicine or approval of department head.

VLCS 941 Large Animal Clinics II
Credits: 2.35 Lab Hours.
Student participation with clinical cases in the large animal surgery services of the Veterinary Teaching Hospital. Must be taken two times.
Prerequisite: Fourth year classification.

VLCS 945 Advanced Large Animal Clinical Elective
Credits: 2.35 Lab Hours.
Student participation with clinical cases for advanced study in selected services from the large animal medicine, surgery, theriogenology and field services of the Veterinary Teaching Hospital. May be taken 12 times.
Prerequisite: Fourth year classification.

VLCS 948 Large Animal Medicine and Surgery Elective
Credits: 1 to 12.1 to 12 Lecture Hours.
In-depth study of selected disease processes in the various disciplines of large animal medicine and surgery will be conducted emphasizing management, diagnostics and medical or surgical treatment. May be repeated for credit.
Prerequisite: Third year classification in veterinary medicine or approval of department head.

VLCS 953 Large Animal Clinical Skills
Credit: 1.4 Lab Hours.
Acquisition of basic technical skills useful in the diagnosis and treatment of large animals in general veterinary practice. Modular one month course.
Prerequisite: Third year classification in veterinary medicine in good standing.
VLCS 954 Large Animal Medicine
Credits 6.5 Lecture Hours. 4 Lab Hours.
Medical disease of large animals; pathophysiology, diagnosis and therapy of diseases in large animals.
Prerequisite: Third year classification in veterinary medicine in good standing.

VLCS 985 Directed Studies
Credits 1 to 4. 1 to 4 Other Hours.
Directed individual study of a selected problem in large animal medicine, surgery or radiology. May be repeated for credit.
Prerequisites: Enrollment in veterinary medicine and approval of the department head.