The Department of Physiological Sciences at Oklahoma State University contributes substantially to the teaching, research and service components of the College of Veterinary Medicine. The department currently has 18 tenure/tenure-track, ten adjunct and four research track faculty members, three postdoctoral fellows and approximately 18 graduate students.

Teaching responsibilities within the department include the areas of veterinary morphology, physiology, pharmacology and toxicology, providing professional coursework leading to the DVM degree and graduate coursework leading to the Masters and Doctor of Philosophy degrees. Departmental faculty have a wide range of research interests including neurotoxicology, lung biology, enzymology of drug metabolism, exercise physiology, reproductive physiology, therapeutics, comparative aging, cardiovascular physiology, raptor biology and cetacean biology. Extramural funding in support of research from agencies including NIH, DoD, USDA, American Cancer Society and others totals over $2 million annually.

Faculty
Martin Furr, PhD—Professor, Department Head and Assistant Dean - Professional Programs
Regents Professors: Lin Liu, BS, PhD (Lundberg-Kienlen Professor of Biomedical Research); Carey N. Pope, PhD (Sitlington Chair in Toxicology)
Professors: Nicholas L. Cross, PhD (emeritus); *Michael S. Davis, DVM, MS, PhD (Oxley Chair in Equine Sports Medicine); Veronique Lacombe, DVM, PhD, Diplomate ACVIM, Diplomate ECEIM; Jerry R. Malayer, PhD; Lara K. Maxwell, DVM, PhD; Charlotte L. Ownby, MS, PhD (emeritus); Ashish Ranjan, BVSc, PhD (Kerr Endowed Chair); Alastair G. Watson, BVSc, PhD (emeritus)
Associate Professors: Jill Akkerman, DVM, PhD; Guangping Chen, MS, PhD; Myron Hinsdale, DVM, PhD; Sudahkar Jha, PS, MS, PhD; James W. Lish, MS, PhD (emeritus); Pamela G. Lovern, BA, PhD; Joseph P. McCann, PhD (emeritus); *Sandra E. Morgan, MS, DVM (emerita); Larry E. Stein, PhD (emeritus)
Assistant Professors: Joshua Butcher, M.S., PhD; Madhan Subramanian, BVSc, PhD; Xufang Deng, BS, MS, PhD
Teaching Associate Professor: Deon van der Merwe, BVSc, MSc, PhD, ERT
Teaching Assistant Professor: Garish Patil, PhD
Assistant Research Professors: Chaoqun Huang, MD, PhD
Research Associate: Yurong Liang, BS, PhD
Research Scientist: Danny Maples, PhD; Akansha Singh, PhD
Post-Doctoral Fellows: Chaitanya Gandikota, PhD; Kishor Vaddadi, PhD
Graduate Teaching Associates: Raisa Monteiro, BVSc; Bhuvana Plakkot, BVSc, MVS; Sai Narayan Sankara, BVSc, MVSc; Yemi Semola, MS; Shoroq Shatnawi, BS, MS; Mahesh Sivasubramanian, BVSc
Graduate Research Associates: Kainat Ahmed, BVSc, MVSc; Landon Butler, BS; Quanjin Dang, BS; Matthew Gallman, BS; Mike Gorbet, BS; Sankha Hewawasam, BS; Samuel Jeyasingh, BVSc; Rudy Montayre, BS; Emily Nunan, BS; Bhuvana Plakkot, MVSc; Chakravarti Rajamohan, BVSc; Matthew Rochowski, BS; Richa Tiwari, BVSc, MBSc; Natasha Williams, BVSc, BS; Zhengyu Zhu, BVSc
Staff: Emma Dillsaver, BS; Dallas Karcher, BS; Erin Langford-Loftis, BS; Brittanie Peake, BS; Christopher H. Pivinski, BS; Lana Schler, BS; Jessica Schultz, MS, BS
*Board Certification in Specialty Area