

PHYSIOLOGICAL SCIENCES

*Board Certification in Specialty Area

Martin Furr, DVM, Ph.D., Department Head

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, and cardiovascular physiology. 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) (emeritus)

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 (emeritus); 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: Girish 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: Happy Argarwal, PhD; Kishor Vaddadi, PhD; Poonam Yadav, PhD

Graduate Teaching Associates: Raissa Monteiro, BVSc; Bhuvana Plakkot, BVSc, MVSc; Sai Narayan Sankara, BVSc, MVSc; Shoroq Shatnawi, BS, MS; Mahesh Sivasubramanian, BVSc

Graduate Research Associates: Kainat Ahmed, BVSc, MVSc; Mohammad Asad, PhD; Landon Butler, BS; Sri Yidhaya Chandrasekar, PhD; Xiang Chi, PhD; Quanjin Dang, BS; Matthew Gallman, BS; Mike Gorbet, BS; Sankha Hewawasam, BS; Samuel Jeyasingh, BVSc; Bableen Kaur, PhD; Emily Nunan, BS; Bhuvana Plakkot, MVSc; Matthew Rochowski, BS; Akshaya Surendran, PhD; Xiaoming Zhang, PhD; Zhengyu Zhu, BVSc

Staff: Emma Dillsaver, BS; Dallas Karcher, BS; Erin Langford-Loftis, BS; Christopher H. Pivinski, BS; Lana Schler, BS; Jessica Schultz, MS, BS