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, two 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: Pratul Agarwal, PhD; Natarajan Aravindan, MS, MPhil, PhD, CCA; 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); Alastair G. Watson, BVSc, PhD (emeritus)

Associate Professors: Jill Akkerman, DVM, PhD; Guangping Chen, MS, PhD; Henrique Cheng, DVM, MS, PhD; Myron Hinsdale, DVM, PhD; Sudhakar 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); Madhan Subramanian, BVSc, PhD

Assistant Professors: Joshua Butcher, M.S., PhD; Xufang Deng, BS, MS, PhD; Neeraj Singh, BVSc, MVSc, 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; Danny Maples, PhD; Dinesh Somasundaram, PhD

Research Associate: Yurong Liang, BS, PhD

Post-Doctoral Fellows: Kishor Vaddadi, PhD

Graduate Research Associates: Kainat Ahmed, BVSc, MVSc; Mohammad Asad, PhD; Xiang Chi, PhD; Quanjin Dang, BS; Matthew Gallman, BS; Nazmul Haque, PhD; Prince Jhanda, PhD; Joanna Koilpillai, MS; Xueying Liang, PhD; Sreenidhi Mohanvelu, PhD; Dharanya Muthiah, PhD; Emily Nunan, BS; Bhuvana Plakkot, MVSc; Sabir Salim, PhD; Danya Sankaranarayan, PhD; Keerthana Santhosh, PhD; Adam Soriano, PhD; Yashaswi Raj Subedi, MS; Poorni Subramanian, PhD; Akshaya Surendran, PhD; Elizabeth Varghese, PhD; UdayKiran Venugopal, PhD; Qianru Zhang, PhD; Siy Zhang, PhD; Xiaoming Zhang, PhD

Staff: Erin Langford-Loftis, BS; Christopher H. Pivinski, BS; Lana Schler, BS; Jessica Schultz, BS, MS; Kerrie Williams, AS