

PHYSIOLOGICAL SCIENCES

*Board Certification in Specialty Area

Jefferson Frisbee, Ph.D. FAHA, FAPS—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, one adjunct and four research track faculty members, six postdoctoral fellows and approximately 28 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

Jefferson Frisbee, PhD, FAHA, FAPS—Professor, Department Head

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); Martin Furr, DVM, Diplomate ACVIM, PhD; 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; Sudahkar Jha, PS, MS, PhD; James W. Lish, MS, PhD (emeritus); 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

Research Associate Professor: Chaoqun Huang, MD, PhD

Research Assistant Professors: Yurong Liang, BS, PhD; Danny Maples, PhD; Kishore Vaddadi, PhD

Post-Doctoral Fellows: Firoz Ahmad, PhD; Benny Borin, PhD; Yosodha Kesavan, PhD; Ranabir Majumder, PhD; Loganayaki Periyasamy, PhD

Graduate Research Associates: Kainat Ahmed, BVSc, MVSc; Mohammad Asad, PhD; Xiang Chi, PhD; Quanjin Dang, BS; Mozafar Hajjafarianaraki, PhD; Nazmul Haque, PhD; Afsana Parveen Jahir Hussain, PhD; Prince Jhandai, PhD; Xueying Liang, PhD; Sreenidhi Mohanvelu, PhD; Dharanya Muthiah, PhD; Diani Nanayakkara, PhD; Sivasubramani Narayanan, PhD; Emily Nunan, BS; Nikhithasree Pullagura PhD; Sabir Salim, PhD; Danya Sankaranarayanan, PhD; Keerthana Santhosh, PhD; Adam Soriano, PhD; Yashaswi Raj Subedi, MS; Poorvi Subramanian, PhD; Akshaya Surendran, PhD; Gokul Tamilselvan, PhD; Elizabeth Varghese, PhD; UdayKiran Venugopal, PhD; Qianru Zhang, PhD; Xiaoming Zhang, PhD

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