Faculty Position in Veterinary Physiology  
Department of Physiological Sciences  
Center for Veterinary Health Sciences, Oklahoma State University

The Center for Veterinary Health Sciences at Oklahoma State University is seeking applicants for a tenure track position in Veterinary Physiology (open rank). Candidates must have a Ph.D. in a relevant field. A DVM degree in addition to the Ph.D. is highly desirable, but not required. In alignment with the Department’s desire to integrate basic physiological research with its clinical application, experience or training in a clinical discipline is also highly desirable, but not required. The successful candidate’s primary assignment will be research and teaching, at percentages to be agreed upon by the candidate and the department. Preference will be given to candidates whose research interests align with one or more existing focus areas within the department, including comparative exercise physiology, respiratory infectious disease, endocrinology, aging, diabetes, and interventional/targeted oncology. The primary teaching assignment will be in the teaching of systems physiology in the DVM curriculum, with additional contribution to the graduate curriculum as appropriate. For more information, see the full job posting at http://jobs.okstate.edu or contact Michael Davis DVM PhD Dipl ACVIM ACVS RM (Search Committee Chair) at Michael.davis@okstate.edu.
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The Department of Physiological Sciences encompasses the disciplines of physiology, anatomical sciences, pharmacology, and toxicology. Departmental faculty members are funded by the NIH (including a COBRE grant for respiratory infectious diseases that also provides funding for competitive intramural proposals), the Department of Defense, USDA, the American Heart Association, and other extramural agencies. A unique strength of the department is comparative exercise physiology, which has been supported by several extramural agencies and by an endowment (Oxley Endowed Chair in Equine Sports Medicine). Specific resources for exercise physiology research include equine- and canine-specific instrumentation (motorized treadmills, whole animal calorimetry systems, and lameness evaluation systems), a soon to be completed canine research and housing facility, a 40-acre equine research park, and a new animal holding facility in Alaska for exercise studies in extreme environments. Other areas of emphasis include respiratory infectious disease, endocrinology, aging, diabetes, and interventional/targeted oncology (nanoparticles, lasers, and thermal energy modalities). Preference will be given to candidates whose research interests align with one or more of these existing focus areas. In addition to potential collaborations with faculty at the CVHS and OSU (in Stillwater), opportunities are available for collaboration with researchers at the University of Oklahoma Health Sciences Center and the Oklahoma Medical Research Foundation (in Oklahoma City), as well as the OSU Center for Health Sciences and with the University of Tulsa (in Tulsa).

The Oklahoma State University system enrolls approximately 36,000 students on its four campuses (Stillwater, Tulsa, Okmulgee, and Oklahoma City). The Center for Veterinary Health Sciences encompasses the College of Veterinary Medicine, the Boren Veterinary Medical Teaching Hospital, and the Oklahoma Animal Disease Diagnostic Laboratory. The Center enrolls 106 professional students per year of the veterinary curriculum, with approximately 95 faculty and 30 graduate students. The Department of Physiological Sciences includes 20 tenure-track and research-track faculty.

The CVHS has invested in state of the art laboratory facilities, with more than 40,000 sq ft of laboratory space across three buildings, to accomplish our mission of service to companion animal, livestock, and human health and well-being. These laboratories are designed to the highest standards for the conduct of research and meet all federal and state regulatory guidelines, and include biosafety containment laboratories. Our College also has general-use equipment and instrumentation, including real-time PCR, flow cytometry, microarray printing and scanning, and imaging, which is available to support research conducted by our Faculty. The College has on-site housing for research animals and our animal care program is accredited by the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC). The Oklahoma Animal Disease Diagnostic Laboratory and the Department of Veterinary Pathobiology with state-of-the-art diagnostic capabilities provide excellent support for animal studies involving pathobiology of disease. Our College also provides excellent technical support for computers, including those used for laboratory instrumentation. In addition, we are in close proximity to several excellent libraries and there is on-line access to many journals from our College. Finally, the Biomedical Media Department provides investigators with support for photography and printing, poster,
computer-designed graphics and video imaging. Support for grant proposal planning, submission, and post-award management, as well as funding for small projects and pilot studies, is available from the CVHS Research Office. Additional research facilities on campus include: the Venture I Laboratories, which houses the OSU Microscopy Laboratory (confocal and electron microscopy); the Henry Bellmon Research Center, which is the home of the Recombinant DNA/Protein Resource Laboratory (includes bioinformatics support, an OrbitrapXL mass spectrometer for proteomics and Next-Gen sequencing instruments, as well as other capability); and NMR and x-ray crystallography cores in the Department of Chemistry. Center staff is available to provide a wide range of pre-award services, advice and information to strengthen and enhance proposal quality.

Stillwater is located about an hour away from both Oklahoma City and Tulsa. Stillwater has a population of approximately 46,000 and offers a low cost of living, various leisure activities, Big XII sporting events, and numerous other amenities. Further information concerning the Department, Center for Veterinary Health Sciences and the city of Stillwater is available at http://www.cvhs.okstate.edu or from Michael Davis DVM PhD Dipl ACVIM ACVSRM (Search Committee Chair) at Michael.davis@okstate.edu. Applicants should upload 1) a letter of interest, 2) a statement of research interests and plans, 3) a statement of teaching philosophy, 4) a curriculum vitae, and 5) the names and contact information of three references to the position posting located at http://jobs.okstate.edu. To ensure full consideration, applications should be received by April 15, 2018. Review of applications will continue until a suitable candidate is identified.

"Oklahoma State University is an Affirmative Action/Equal Opportunity/E-verify employer committed to diversity and all qualified applicants will receive consideration for employment and will not be discriminated against based on age, race, color, religion, sex, sexual orientation, genetic information, gender identity, national origin, disability, protected veteran status, or other protected category. OSU is a VEVRAA Federal Contractor and desires priority referrals of protected veterans for its openings. OSU will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor’s legal duty to furnish information. 41 CFR 60-1.35(c)"