Physiological Genomics Faculty Position

The University of Tennessee, Department of Animal Science in Knoxville, TN invites applications for a full-time, 12 month, tenure-track position at the rank of Assistant Professor. Salary and rank are commensurate with education, experience and qualifications.

Position Responsibilities: 60% AgResearch and 40% Teaching

Qualifications: Earned doctoral degree in Animal Science, Nutrition, Physiology or a closely related field and significant experience with genomics. The successful candidate will be expected to develop a nationally/internationally recognized research program in an area with relevance to production agriculture. Record of scholarly activity, documented by publications in peer-reviewed journals is essential. Post-doctoral experience is desirable but not required. All applicants must be authorized to work in the U.S. on a long-term basis.

Responsibilities and Expectations:
- Establish an independent translational or basic research program that utilizes current -omics techniques
- Develop an extramurally-funded AgResearch program (e.g., grants & contracts)
- Author and publish scholarly, peer-reviewed original research articles
- Mentor MS and PhD students; mentoring/advising of undergraduate students
- Teach core undergraduate courses in Animal Anatomy and Physiology including ANSC 220
- Communicate using effective oral and written communication skills
- Participate in other activities of the Department of Animal Science and Institute of Agriculture, such as committee service and student recruitment

About the University and Department
The flagship campus of The University of Tennessee system has an enrollment of more than 27,000 students and is located in Knoxville. The City of Knoxville is a hidden gem with a beautiful and walkable downtown, varied nightlife, active neighborhoods, and eclectic shopping and restaurants. UT is located within easy driving distance to Asheville, Nashville, Atlanta, and the Great Smoky Mountains. The Department of Animal Science focuses on a diverse blend of applied and basic life sciences ultimately aimed at enhancing the efficiency and sustainability of animal agriculture. The department's activities are accomplished by its 29 faculty members and numerous professionals and support staff on the Knoxville campus and at locations across Tennessee. Approximately 600 undergraduate students are enrolled in the department's Bachelor of Science degree program with academic concentrations in animal industries, biosciences and preveterinary medicine. Undergraduates participate in research and creative achievement alongside the department’s MS and PhD students. Research programs in the Department focus in the areas of animal health and well-being, nutrition, physiological genomics and reproduction. Extension leads adult and 4-H youth programs in beef and dairy cattle, goats, equine, poultry, sheep, swine and environmental management. The Department of Animal
Science has strong collaborations with the College of Veterinary Medicine. Ample opportunities are available for establishing collaborative and interdisciplinary activities with faculty members in other departments, the College of Veterinary Medicine, the Genome Science & Technology program as well as personnel at the nearby Oak Ridge National Laboratory.

Research Resources
The Department of Animal Science is housed in the Brehm Animal Science Building and has recently undergone a complete renovation. The Department has access to ample resources for –omics research within UTIA and the UT system, including the anticipated UTIA Genomics Center for Advancement of Agriculture. The UTIA Genomics Hub located on the agriculture campus is a multi-use facility that provides support for genomics, proteomics, transcriptomics, and imaging. Multiple resources are also available across campus as core facilities such as the Advanced Microscopy and Imaging Center, Biological and Small Molecule Mass Spectrometry Core (BSMMSC), Center for Environmental Biotechnology (CEB) Bioimaging Center, and UT Genomics Core. Additional research resources exist at 10 UT AgResearch and Education Centers across the state with support staff, including an inventory of ~1000 mature beef cows, 92 drylot pens, 120 three-acre and 18 five-acre grazing paddocks. Two dairy research herds are also available with associated production trait data. The ETREC-JARTU Unit, located within walking-distance of the Department, is a state of the art facility with over 31,465 square feet of assignable space that includes environmentally controlled animal rooms and surgical suites with the capability to house poultry, swine, cattle, sheep, and other animals.

Salary: Commensurate with qualifications and experience. A competitive start-up package is available.

Application: Review of applications will commence December 15, 2018 and continue until a suitable candidate is identified. Applicants should submit in a single pdf a letter of application, statements describing their AgResearch and Teaching interests, official transcripts, names and addresses of at least three individuals that are willing to serve as references, and a detailed curriculum vitae highlighting education, relevant experience, qualifications, grant and contract activities and publications to Shelley Johnson at sjohn130@utk.edu. Please direct questions to Dr. Brynn Voy at bhvoy@utk.edu or (865) 974-4729 or Dr. Phillip Myer at pmyer@utk.edu or (865) 974-3184.

Drs. Brynn Voy and Phillip Myer, Search Committee Co-Chairs
Attention: Shelley Johnson, Administrative Specialist
The University of Tennessee
Department of Animal Science
2506 River Drive
Knoxville, TN 37996-4574

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