Animal Genomics & Applied Statistics Faculty Position

The University of Tennessee, Department of Animal Science in Knoxville, TN invites applications for a full-time, 12 month, tenure-track faculty position at the rank of Assistant Professor.

Qualifications: Earned doctoral degree in Animal Science or a closely related field with substantial statistical training (e.g., Statistics minor while pursuing graduate studies). Alternatively, earned doctoral degree in Statistics or a closely related field with substantial animal science training (e.g., Animal Science degree or minor while pursuing graduate studies). Individual must demonstrate effective oral and written communication skills, have a passion for animal science related research and statistical applications in agriculture, have a record of scholarly publications in peer-reviewed journals, and demonstrated potential for success in obtaining extramural grant and contract funding to support research efforts.

Responsibilities and Expectations: This position is 65% AgResearch and 35% Teaching. Related to AgResearch efforts, approximately 40% of the individual’s time will be devoted to developing an independent research program under the general title of Animal Genomics. Individuals having research expertise and interests in an area including but not limited to Animal Genetics, Reproduction, Nutrition, Health-Epidemiology, Statistics, Bioinformatics are encouraged to apply as these areas fit well within an existing group of Animal Science faculty. The remaining 25% of the AgResearch appointment will be devoted to conducting collaborative research through statistical consulting with Animal Science and other AgResearch faculty. Teaching responsibilities include a graduate level statistical methods course (ANSC 571), mentoring M.S. and Ph.D. students, as well as assisting graduate students pursuing a minor in statistics by interacting with the Intercollegiate Graduate Statistics Program (IGSP), the cross-college statistics degree granting program. Individual also will serve as an instructor for an undergraduate course in animal breeding and genetics (ANSC 340).

About the University, Animal Science Department, AgResearch & Institute of Agriculture: The University of Tennessee at Knoxville has an enrollment of more than 27,000 students and is located near the Smoky Mountains with abundant opportunities for outdoor recreation. The Institute of Agriculture houses the Land Grant component of the university and consists of AgResearch, Teaching, Extension and College of Veterinary Medicine. Academic departments for the majority of individuals engaged in AgResearch include Animal Science, Agricultural & Resource Economics, Biosystems Engineering & Soil Science, Entomology and Plant Pathology, Food Science & Technology, Forestry, Wildlife and Fisheries, and Plant Sciences. Translational research addressing problems in production of food, fiber, energy and environmental/agricultural sustainability is prioritized. The Department of Animal Science is a diverse blend of applied and basic life sciences, ultimately focused on enhancing the efficiency, profitability and sustainability of the domestic animal industries. The department's activities are accomplished by its 28 faculty members and 15 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 Pre-Veterinary Medicine. Encouraging undergraduate participation in research, creative achievement and real-world experience is a departmental goal. There are approximately 25 graduate students enrolled in the department's M.S. and Ph.D. programs. Departmental research programs focus in the areas of animal health and well-being, nutritional physiology, and reproductive physiology.
Additional information about the Department can be found at https://ag.tennessee.edu/animalscience. Ample opportunities are available for establishing collaborative and interdisciplinary activities with faculty members in other AgResearch departments, the College of Veterinary Medicine, the Genome Science & Technology program as well as personnel at the nearby Oak Ridge National Laboratory.

Salary: Commensurate with education, experience and qualifications.

Application: Review of applications may begin on September 3, 2015 and continue until a suitable candidate is identified. Applicants should submit as a single PDF document a letter of application, a statement describing their research and teaching interests, official transcripts, names and addresses of at least five individuals that are willing to serve as references, and a detailed curriculum vitae highlighting education, relevant experiences, publications, and grants and contract activities to:

Dr. Lannett Edwards,
Search Committee Chair
Professor & Graduate Director
Department of Animal Science
The University of Tennessee
2506 River Dr.
Knoxville, TN 37996-4574
Phone: 865-946-1011
Email: jedwards@utk.edu

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