MUSCLE BIOLOGIST
Faculty Position in the Department of Animal Sciences

Position:
Tenure-track Faculty Position in Muscle Biology with emphasis in research (primary) and teaching (secondary).

Position Description:
The Department of Animal Sciences at Purdue University is seeking a highly qualified individual to fill a tenure track Assistant Professor position in muscle biology to complete the spectrum of researchers across our basic cell biologists and applied meat science group. The successful candidate will develop an internationally recognized research program in muscle biology that applies cutting-edge cell and molecular biology approaches to address issues central to animal agriculture and human health. Individuals with research programs focused on molecular aspects of muscle cell energy utilization and metabolism; muscle protein production and turnover; or extra-/intra- cellular mechanisms regulating fetal and/or postnatal muscle growth using one or more mammalian or avian model systems are of particular interest. In addition to establishing and maintaining a productive and well-funded research program, successful candidates are expected to develop and teach undergraduate and graduate level courses; and advise undergraduate and graduate students.

Opportunities for collaboration exist on many levels within the department and across the university. State-of-the-art research infrastructure and classroom space are available in the new Creighton Hall of Animal Sciences and Land O' Lakes Center for Experiential Learning. Excellent core facilities exist on campus including imaging, high throughput screening, proteomics, metabolite profiling, bioinformatics, high-performance computing, and transgenic animal facilities.

The College:
The Department of Animal Sciences is an integral part of the College of Agriculture, one of the world's leading colleges of agricultural, food, life, and natural resource sciences and ranked sixth in the US in the 2019 QS World University Rankings. The College is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions, and to excellence in all we do. The College has 11 academic departments and includes 300 faculty, 2841 undergraduate students, and 740 graduate students. The College's strategic plan can be accessed at https://ag.purdue.edu/plan/Pages/default.aspx.

Rank and Salary:
Assistant Professor, Academic Year (9-month) appointment. Opportunities for summer salary exist. Salary will be commensurate with qualifications.

Qualifications:
Ph.D. or equivalent degree in Animal Sciences or related life-science field, with an emphasis in muscle biology, is required. Postdoctoral training is strongly preferred.

Applications:
Electronic application submission is required via this site:
https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=8293&company=purdueuniv&username=

To apply, candidates must submit the following materials in a single PDF file: a cover letter (including a statement on diversity); a detailed curriculum vitae; a one-page statement outlining research focus and goals; a one-page statement on teaching philosophy; and the names and contact information for three individuals from which we may solicit letters of reference. The Department of Animal Sciences and College of Agriculture are committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement, and so candidates are requested to address at least one of these areas in their cover letter**,** indicating their past experiences, current interests or activities, and future goals to promote a climate that values diversity and inclusion.

Review of applications will begin January 15, 2020 and continue until the position is filled. For additional information, please contact Dr. Shihuan Kuang at skuang@purdue.edu. A background check is required for employment in this position.