

ILLINOIS

College of Agricultural, Consumer & Environmental Sciences

ASSISTANT PROFESSOR
Department of Animal Sciences



WE TRANSFORM LIVES.

Everything we do is designed to improve the quality of life of the people in the state of Illinois, across the nation, and around the world. We discover, develop, translate, and disseminate knowledge to address societal concerns and train the next generation of experts and leaders.

This position is part of an initiative at the College of Agricultural, Consumer and Environmental Sciences to contribute to the improvement of global human and environmental health via the food system. We intend to dramatically strengthen and expand our capacity in this arena through a seven-position cluster hire focused on Food and Agricultural Systems for Global Health. Faculty hired into these positions will lead college wide efforts in food security and global health, and participate in related campus priorities, including the Nutrition and Food Security theme of the campus strategic plan (blogs.illinois.edu/view/7831/601847), the Interdisciplinary Health Sciences Institute, Carl R. Woese Institute for Genomic Biology, and Carle-Illinois College of Medicine, among others.

CLOSE DATE

November 2, 2018

PROPOSED START DATE

The anticipated starting date for the position is August 16, 2019.

SALARY/APPOINTMENT

Competitive, based on qualifications and rank, 9-month academic year, tenure track, research/teaching. The traditional teaching load is two courses per year.

MORE INFORMATION

For further information, please contact search chair Dr. Ryan Dilger (rdilger2@illinois.edu; 217-333-2006) or department head Dr. Rodney Johnson (rwjohn@illinois.edu; 217-244-1681). For technical assistance with the online application process, call 217-333-6747 or email jobs@illinois.edu.

The Department of Animal Sciences seeks to fill a position for an Assistant Professor in Precision Animal Management.

The Department of Animal Sciences makes discoveries contributing to a safe, nutritious, sustainable, and affordable food supply that enhances the well-being of humans and animals. Through internationally-recognized programs involving research, teaching, and outreach, our faculty are helping solve some of our world's greatest challenges. We invite candidates interested in conducting research on the relations and interactions between livestock species and their environment in collaboration with top-notch engineering and computer science expertise. Applicants should have a strong scholarly record of using applied data science techniques to ultimately improve welfare and production efficiency of livestock species and maximize environmental stewardship of agricultural operations. In addition, the successful candidate must be able to work collaboratively with faculty and students of the department, the college, and the university in areas relevant to this position.

RESPONSIBILITIES

- Integrate applied livestock management themes (e.g., housing, animal behavior, animal health, stress physiology) with cutting-edge techniques in data science (e.g., high-throughput phenotyping, data visualization, predictive analytics) to enable informed management decisions based on real-time data.
- Advance the field of animal sciences through timely collection of accurate data at either the individual or population levels for developing regular monitoring and targeted management interventions for animal welfare, nutrition, and health as part of cost-effective production of high-quality animal products.
- Engage in teaching appropriate courses in areas not limited to applied animal behavior/welfare/health and data science, and mentor undergraduate and graduate students as well as postdoctoral fellows.

REQUIRED QUALIFICATIONS

Ph.D. degree in Animal Sciences, Agricultural and Biological Engineering, or a closely related technical field, a commitment to teaching, and an ability to establish an externally funded, internationally-recognized program of research.

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Be a part of our story. Join our team of more than 180 tenure-system faculty members; nearly 1,400 academic professionals, civil service staff, and assistants; 2,700 undergraduates; and 650 graduate students each year. The College of Agricultural, Consumer and Environmental Sciences (ACES) plays a key role in national and international research initiatives in bioenergy, biotechnology, integrated landscapes, environmental sustainability, food and agricultural systems, global climate change, family resiliency, public policy, and more.

ABOUT THE UNIVERSITY, COLLEGE, AND DEPARTMENT

The University of Illinois at Urbana-Champaign has a student enrollment of more than 40,000, and nearly 2,000 faculty. It's located approximately 120 miles south of Chicago in a vibrant and diverse community of 110,000, and is easy driving distance from St. Louis and Indianapolis. Our community offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life.

The College of ACES is recognized worldwide for its commitment to excellence in undergraduate and graduate programs, teaching, research, outreach, and international programs. We offer tremendous opportunities for students to achieve their goals and prepare for excellent careers. Our hands-on academic programs prepare our graduates for local, national, and global careers. ACES research programs are making a difference in people's lives. Our research and education centers, located throughout the state, provide vital testing grounds where research can generate practical applications that benefit consumers, farmers, commodity groups, agricultural organizations, environmentalists, conservationists, government agencies, industry, and business. University of Illinois Extension connects the university to people, businesses, and communities statewide to help solve problems, develop skills, and build a better future. ACES faculty and staff are leaders in international engagement, addressing global challenges and impacting lives around the world.

The College of ACES (aces.illinois.edu) is widely recognized for excellence in undergraduate and graduate education, research, outreach, and international programs. In addition to its mission as a land-grant university, the campus offers exceptional programs in the arts, humanities, sciences, engineering, and computer science. Within the College of ACES, the Department of Animal Sciences (ansc.illinois.edu) manages livestock farming operations and research facilities for swine, beef, dairy, and poultry species on approximately 1,100 acres of land known as the ACES South Farms, all conveniently located within 5 minutes of campus. The campus is home to internationally recognized facilities and interdisciplinary programs including the Institute for Genomic Biology (www.igb.illinois.edu), Beckman Institute (beckman.illinois.edu), W.M. Keck Center for Comparative and Functional Genomics (www.biotech.illinois.edu), and National Center for Supercomputing Applications (www.ncsa.illinois.edu).

APPLICATION PROCESS

To ensure full consideration, candidates should apply by November 2, 2018. The search will remain open until suitable candidates are identified. Candidates may be interviewed before the closing date; however no hiring decision will be made until after that date. To apply, please create a candidate profile at go.aces.illinois.edu/101744 and upload a cover letter, curriculum vitae, a research statement (including future plans), a statement of teaching philosophy, and names and contact information of three references. References will be requested for all submitted applications; references will be contacted within 2-3 days of submission to provide this information. All requested information must be submitted for your application to be given full consideration.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. All tenured appointments require Board of Trustees approval.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply. For more information, visit go.illinois.edu/EEO. To learn more about the university's commitment to diversity, please visit inclusiveillinois.illinois.edu.