



## THE OHIO STATE UNIVERSITY

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COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

**Department:** Animal Sciences  
**Position:** Dairy Systems Management  
**Rank:** Assistant or Associate Professor  
**Location:** Columbus, Ohio

**Description:** The Department of Animal Sciences in the College of Food, Agricultural, and Environmental Sciences at The Ohio State University seeks to fill a 9-month, tenure-track faculty position at the Assistant or Associate Professor rank in **Dairy Systems Management** to begin Autumn 2016. This position will have a teaching and research emphasis. Teaching responsibilities could include courses in dairy cattle production, lactation physiology, or other discipline areas (i.e. physiology, nutrition, reproduction, genetics, microbiology, bioinformatics, optimization of economic modeling in animal-based food production systems) consistent with the successful applicant's areas of expertise at the graduate and undergraduate levels. Applicants should possess a sound basis in fundamental science, but preference will be given to applicants with interests in translational research, biometrics, or bioinformatics in dairy and livestock production systems. Resources to support the teaching and research program of this position include a 120-cow herd of Jersey cows (on the Columbus campus) and a 120-cow herd of Holstein cows (on the Wooster campus). Also, there are beef cattle, sheep, swine, and poultry facilities for potential experiments and research in multiple species management systems on both campuses. Additionally, collaborative opportunities with leading industry research scientists are encouraged with Columbus' centralized location and proximity to Select Sires Inc.

**Expectations:** The successful candidate is expected to establish a nationally and internationally recognized research program supported by extramural funding. His or her research discoveries should have an immediate impact on translational research that will enhance milk quality, pre-harvest food safety, animal health and welfare, the environmental compatibility of dairy operations, and economic profitability of dairy herds. The successful candidate is also expected to collaborate with current faculty to augment the common themes within the Department, which include improving animal welfare, animal health, and the quality of the resulting products; enhancing environmental compatibility of livestock operations; and increasing the economic profitability of food animal production systems. The new faculty member also is expected to work closely with Extension educators, and partners in allied animal industries towards a common goal of fulfilling The Ohio State University's and the Ohio Agricultural Research and Development Center's (OARDC) missions and supporting the National One Health Initiative, which focuses on links between animal health, human health, and our environment. In addition to teaching related courses, the faculty member is expected to advise graduate and undergraduate students and be involved with co-curricular programs or student clubs and organizations within the Department.

**Qualifications:** Requirements include a Ph.D. in Animal Science, Dairy Science, or a closely related field. Demonstrated excellence in innovative research and a strong commitment to teaching are essential. Applicants must possess strong interpersonal and communication skills in addition to the ability and desire to work with others in a collegial team environment. Leadership and academic excellence should be evident in the application. Industry experience is desirable. Preferred Qualifications:

Experience with mathematical modeling and simulation, statistics, or bioinformatics is desired. Experience in developing or working in interdisciplinary research teams and mentoring members of underrepresented groups is also expected.

**About Columbus:** The OSU main campus is located in Columbus, the capital city of Ohio. Columbus is the center of a rapidly growing and diverse metropolitan area with a population of over 1.5 million. The area offers a wide range of affordable housing, many cultural and recreational opportunities, excellent schools, and a strong economy based on government as well as service, transportation and technology industries (see <http://liveworkplaycolumbus.com/>). Columbus has consistently been rated as one of the Top U.S. cities for quality of life, additional information about the Columbus area is available at <http://www.columbus.org>

The College of Food, Agricultural, and Environmental Sciences ([cfaes.osu.edu](http://cfaes.osu.edu)) is home to internationally known scientists who positively impact individuals and communities every day. The opportunities to make an impact in a chosen field are unparalleled as a result of the university's commitment to transformational initiatives through our Discovery Themes: Food Production and Security, Health and Wellness, and Energy and Environment. The college offers tremendous opportunities for collaborative programs through its teaching, research, and outreach programs located on two campuses (Columbus and Wooster), through offices in each county, and through its network of research/laboratory facilities across the state. The college's strong and sustained partnerships with government at all levels, nonprofit organizations, and industry partners provide enormous opportunities for scientists to build strong, sustainable programs of excellence recognized locally, nationally, and internationally.

**Rank:** Assistant or Associate Professor

**Salary:** Competitive and commensurate with education and experience.

**Application deadline:** Application review will begin on April 1, 2016.

**Application Instructions:** Candidates should submit a letter of application, official academic transcripts, a comprehensive Curriculum Vitae that includes publications, a statement of research, and a statement of teaching and outreach interests. Candidates should arrange to have three letters of recommendation submitted to the search committee:

Dr. Zhongtang Yu  
Department of Animal Sciences, The Ohio State University  
110 Animal Sciences Building  
Columbus, OH 43210

All the application materials can be sent to Dr. Zhongtang Yu at [yu.226@osu.edu](mailto:yu.226@osu.edu).

All application materials, including the reference letters, must be received before an application will be considered. Application review will begin on April 1, 2016. Candidates may also contact Dr. Henry Zerby ([zerby.8@osu.edu](mailto:zerby.8@osu.edu)) or Dr. Zhongtang Yu ([yu.226@osu.edu](mailto:yu.226@osu.edu)) for additional information.

*The Ohio State University is committed to establishing a culturally and intellectually diverse environment, and encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. To build a diverse workforce Ohio State encourages applications from minorities, veterans, women and individuals with disabilities. Flexible work options available. EEO/AA Employer. We are a NSF Advance Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium*