Description: The Department of Animal Sciences in the College of Food, Agriculture, 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 Intestinal Microbiology to begin in Autumn 2015. This position is being pursued as part of a cluster-hire in the Department of Animal Sciences to enhance the Department’s activities in research, teaching, and outreach programs in the area of economically-sustainable and environmentally-friendly production of food animals and their resulting products. This position will have a research emphasis. Candidates with research interests in understanding the complex microbial ecosystems present in the digestive tract of animals and humans, with an emphasis on understanding the microbial ecosystem that underpins nutrient utilization and host health in both ruminant and non-ruminant species are encouraged to apply. Potential research topics may include, but are not limited to: the microbial ecology of the digestive tract; the interaction of microorganisms with their hosts and feed; the role of microbial diversity and community structure in health and disease; the relationship between microbial community structure and microbial activity/functionality; the microbial metabolism of dietary components and functional foods/feed additives; molecular mechanisms of interactions between complex microbial populations and their host on intestinal mucosal surface; and the detection of potentially pathogenic microbial invasion.

Expectations: The successful candidate will be expected to establish a nationally and internationally recognized research program supported by extramural funding and have an immediate impact on the efficiency and profitability of food animal production. The successful candidate will be expected to collaborate with current faculty to continue pursuing common themes within the Department such as enhancing milk and meat quality and nutritional value, pre-harvest food safety, animal welfare, environmental compatibility of livestock operations, and the economic profitability of food animal production systems. The new faculty member will also be expected to work closely with faculty colleagues, 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 among animal health, human health, and our environment.

Qualifications: Requirements include a Ph.D. in Animal Science, Nutrition, Microbiology or a closely related field. Demonstrated excellence in innovative research and a strong commitment to teaching are essential. Postdoctoral research experience is preferred. Priority will be given to those candidates whose research interests complement those of the other positions in this cluster hire, which include Nutrient Management, Ruminant Nutrition, and Non-ruminant Nutrition, and those of existing faculty members. 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.
**Location:** The College Food, Agricultural, and Environmental Sciences (cfaes.osu.edu) is home to internationally known scientist that positively impact individuals and communities every day. The opportunities to make an impact in a chosen field are endless 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 all levels of government, nonprofit organizations, and industry partners provide enormous opportunities for scientist to build strong, sustainable programs of excellence.

Wooster is located in northeastern Ohio, within close proximity to Cleveland and Akron. The College of Food, Agricultural, and Environmental Sciences (cfaes.osu.edu) Wooster campus offers an abundance of opportunity to faculty and staff through the Ohio Agricultural Research and Development Center (OARDC) and Ohio State ATI, the colleges associate degree granting academic unit. In 2013, Wooster was ranked among North America’s Top 10 Micro Cities by the Foreign Direct Investment magazine. Located in Wayne County, the Wooster community offers residents a variety of outdoor, entertainment and educational opportunities. Learn more: [www.woosteroh.com](http://www.woosteroh.com)

**Rank:** Assistant or Associate Professor

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

**Application deadline:** Application review will begin October 15, 2014.

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

Dr. Zhongtang Yu  
Department of Animal Sciences, The Ohio State University  
122D Animal Sciences Bldg.  
2029 Fyffe Ct.  
Columbus, OH 43210

All application materials, including the reference letters must be received before an application will be considered. Application review will begin October 15, 2014. Candidates may contact Dr. Yu (yu.226@osu.edu) for additional information.

To build a diverse workforce Ohio State encourages applications from minorities, veterans, women and individuals with disabilities. Flexible work options available. EEO/AA Employer. Ohio State University is an NSF ADVANCE Institution.