Department: Animal Sciences  
Position: Dairy Cattle Health and Physiology  
Rank: Assistant or Associate Professor  
Location: Wooster, Ohio

Description: The Department of Animal Sciences in the College of Food, Agriculture, and Environmental Sciences at The Ohio State University seeks to employ a 9-month, tenure-track faculty position at the Assistant or Associate Professor rank in Dairy Cattle Health and Physiology to begin in spring 2018 or when a suitable candidate is found. This position will have a research emphasis, and Candidates with research expertise in optimizing dairy cow health, especially mammary gland health, and productivity are encouraged to apply. Potential research topics include, but are not limited to:

1. Dairy cow immunological defense systems
2. Development and application of new technologies that improve immune responses
3. Characterization of mastitis-causing and other economically important microbial pathogens of dairy cows and their virulence factors
4. Response of mammary gland and milk components during mastitis
5. Assessment and application of new technologies that advance disease (including mastitis) control and milk quality

Two dairy herds (n = ~150 each) are available for intensive research and teaching (Columbus, Jersey herd; Wooster, Holstein herd). A large laboratory equipped for mastitis research (modifiable) will be available for the successful candidate.

Expectations: The successful candidate is expected to establish a nationally and internationally recognized research program supported by extramural funding and have an impact on the quality and safety of dairy products and the health and welfare of dairy cows. The successful candidate will be expected to collaborate with current faculty to continue pursuing common themes within the Department such as enhancing milk 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 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 (OARDC) missions and exploring the National One Health Initiative, which focuses on associations among animal health, human health, and the environment. The successful candidate will be expected to mentor and supervise graduate students and contribute to our department’s teaching mission.

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 collaborate with others in a collegial team environment. Leadership and academic excellence should be evident in the application. Industry experience is desirable. Preferred Qualifications: Experience developing or working in interdisciplinary research teams, experience in mentoring members of underrepresented groups.

Location: The College Food, Agricultural, and Environmental Sciences (cfaes.osu.edu) is home to internationally known scientists 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

Rank: Assistant or Associate Professor

Salary: Competitive and commensurate with education and experience.

Application deadline: Application review will begin November 30, 2017.

Application Instructions: Candidates should submit a letter of intent stating professional goals and interests, official academic transcripts, and a comprehensive Curriculum Vitae that includes:

- publications and funding,
- a statement of research, teaching and outreach interests, and
- a statement of ability and/or interest to work with underserved populations.

Three letters of recommendation should be submitted to the Chair of the search committee:

Dr. Kimberly Cole
Department of Animal Sciences, The Ohio State University
222 Animal Sciences Building
Columbus, OH 43210

All application materials, including the reference letters must be received before an application will be considered. Application review will begin November 30, 2017. Candidates may also contact Dr. Cole (cole.436@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.