Assistant Professor – Gut health, microbiome, and nutrition

The Department of Animal Science at North Carolina State University is pleased to announce recruitment for a nine-month tenure-track faculty position in the College of Agriculture and Life Sciences at the rank of Assistant Professor with formal appointments in research (50%) and academic programs (50%). With this appointment, up to three additional summer months can be dedicated to research.

The Department of Animal Science conducts internationally recognized research in nutrition, genetics, reproduction, health, and well-being of domesticated animals. The Department is the largest academic program in the College of Agriculture and Life Sciences (CALS) and provides instruction to over 850 undergraduate and 90 graduate students. The Department also is a leader in extension and engagement programs to farmers, allied industry and the public.

The successful candidate will develop a research program investigating the integrated roles of the intestinal microbiota, epithelium, and immune cells as influenced by nutrition relevant to food animals. Opportunities to collaborate with nutritionists in CALS, gut physiologist in the College of Veterinary Medicine, and immunologists and microbiologists in the College of Sciences make NCSU an attractive research environment for this position. Further opportunities to collaborate with professors in the Chancellor’s Faculty Excellence program in Microbiomes and Complex Microbial Communities and other scientists within the Research Triangle Park are exceptional.

The appointee is expected to guide and mentor graduate students, teach an undergraduate animal nutrition course and develop an upper level course in the area of her/his expertise. They will also be actively involved in undergraduate advising and curricular development.

The successful candidate will take advantage of wide array of resources available through swine, beef, dairy, and small ruminant research facilities located on campus and at eight outlying research stations. They should have a record of excellence in scholarly research and demonstrable potential to establish an extramurally funded research program.

Qualifications

Applicants must have a Ph.D. or equivalent and a strong interest in improving animal production at the nexus of gut health, the microbiome and nutrition.

Aptitude and desire to teach, train and interact with students, faculty, and agribusiness colleagues is important. Preference will be given to candidates with documented success in research activities as
demonstrated by publications and a record of extramural funding, documented teaching and advising experiences, and experience in and willingness to develop collaborative research projects.

**Additional Responsibilities**

The appointee is expected to be involved in service activities supporting the department, college, university, and professional societies. The individual will be part of a team of animal scientists that is expected to enhance the Department and College’s overall research, teaching, and extension programs. Collaboration with other scientists across the department, university, and at other institutions as well as interactions with animal industry professionals is expected.

**Applications should be submitted at:** [jobs.ncsu.edu/postings/116990](http://jobs.ncsu.edu/postings/116990)

Inquires may be directed to Dr. Sung Woo Kim, Search Committee Chair, at 919-513-1494 or sungwoo_kim@ncsu.edu or to Dr. Todd See, Department Head, at 919-515-2755 or tsee@ncsu.edu.

**For More Information, Visit:**

- [ncsu.edu](http://ncsu.edu) | NC State University
- [cals.ncsu.edu](http://cals.ncsu.edu) | College of Agriculture and Life Sciences
- [ans.cals.ncsu.edu](http://ans.cals.ncsu.edu) | Department of Animal Science

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.