



Graduate Student Position

Dairy Cattle Nutrition and Physiology

Institution:

Kansas State University is located in Manhattan, KS, with a current population of 55,000 residents. For more than 100 years, the University dairy program has served the Kansas dairy industry, which has grown significantly during the past 25 years. Kansas State University has the leading dairy program in the High Plains region, one of the largest milk sheds in the nation. The Kansas State University Teaching and Research Center has one of the highest producing university herds in the nation, which has allowed multiple researchers to conduct experiments in the past decades.

Position:

Two graduate research assistantships (MSc or PhD) are available in the Fall 2021 or Spring 2022 in the Dairy Cattle Nutrition and Physiology Lab in the Department of Animal Sciences and Industry at Kansas State University.

Project description:

The successful candidates will conduct research related to nutrition and its impacts on mineral and energy metabolism during the transition period in dairy cows. In addition, students will collaborate with physiological experiments exploring how nutrition may impact the parathyroid hormone and vitamin D endocrine axis and consequently alter calcium homeostasis. As part of a vibrant and active research program the selected candidates will be involved with applied and basic biology research and consequently be exposed to on-farm experiences and to benchtop molecular biology assays.

Qualifications:

- MSc degree in Animal Sciences or closely related field (if considering a PhD position)
- Strong academic performance in undergraduate and/or graduate program
- Experience and interest in dairy nutrition and physiology
- Strong written and communication skills

Contact information:

Interested applicants should contact Dr. Achilles Vieira Neto at vieiraneto@ksu.edu with a brief cover letter describing their background and interest in the project, a curriculum vitae, and a list of two referees with their contact information. Review of applications will continue until the positions are filled.