Position: Graduate Research Assistant (Ph.D.), 0.5 time

Location: Department of Agronomy
Throckmorton Plant Sciences Center
Kansas State University
Manhattan, KS 66506-5501

Position Description: The successful applicant will join the K-State Soil Microbial Agroecology Laboratory. The research will focus on soil health and nitrogen use efficiency of different rainfed cropping systems. The focus of the research will be on N mineralization, in-season N dynamics and N availability for crop uptake. Fluxes of N₂O may be included in the study. The selected candidate will be responsible for conducting the research and draft publications for technical reports and, ultimately, scientific journals. The successful applicant will work in an interdisciplinary team involving crop scientists, soil scientists, and modelers working together to improve water use and nutrient use efficiency in rainfed agricultural systems.

Qualifications: (B.S. or M.S. Preferred) in Soil Science, Agronomy, Ecological sciences, or closely related discipline. Experience with soil chemical and microbiological procedures, statistical analyses, and instrumentation. Demonstrated excellence in course work, good written and oral communication skills, and the ability to work as a team member.

Stipend: Annual Ph.D. stipend is $24,000 and $20,500 for M.S. student Tuition and fees ($8,200) are paid by the grant.

How to Apply: Applicants should send a statement of educational and career objectives, resume, transcripts (TOFEL scores for international applicants), and three references to:

Dr. Chuck Rice
University Distinguished Professor
Mary L. Vanier Professorship
Department of Agronomy
Kansas State University
1111 Throckmorton Plant Sciences Center
Manhattan, KS 66506, Ph: 785-587-7215; E-mail: cwrice@ksu.edu

Further information about graduate studies at KSU Department of Agronomy can be found at: http://www.agronomy.ksu.edu or by contacting Robert Berry at rwb7@ksu.edu

Date Available: Spring 2022 (preferred) or Summer 2022

Screening of applicants begins immediately and will continue until position is filled.

Kansas State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.