GRA Position #545 – Precision Agriculture

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 K-State Precision Agriculture program is seeking a graduate research assistant interested in investigating topics in Precision Agriculture. Ongoing projects include developing artificial intelligence algorithms to optimize crop inputs such as water and nitrogen as well as development and testing of biodegradable soil moisture and soil nitrate sensors.

Qualifications
M.S. degree in related disciplines and experience with GPS, GIS, and spatial statistics is required. Applicant should have a strong understanding of spatial statistics and data analytics, and interest in learning those subjects. Experience with R and Python is preferred. Remote pilot certificate or an interest in obtaining one is preferred.

Stipend
Annual PhD stipend is $30,435 including tuition and fees. Graduate Research Assistants are considered Kansas residents for tuition purposes and are responsible for paying tuition and fees.

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

Dr. Raj Khosla
Professor of Precision Agriculture & Department Head
Department of Agronomy
Kansas State University
2004 Throckmorton Plant Sciences Center
Manhattan, KS 66506, Ph: 785-532-6101; E-mail: rkhosla@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

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.