

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.