

Graduate Research Assistantship

Description: The Carl and Melinda Helwig Department of Biological and Agricultural Engineering at Kansas State University is inviting applications for a Graduate Research Assistantship position at the MS or PhD level. There is secured funding for a multi-year grant from the USDA NIFA focused on Smart Agriculture systems. The selected student will be responsible for conducting research on the development of optical instrumentation systems for field measurement of the plant-soil system, focusing on the interactions of nitrogen and water and effect on crop yield.

The student will collaborate with researchers and students from various departments at Kansas State University, including Biological and Agricultural Engineering, Computer Science, and Agronomy. Additionally, they will have the opportunity to work with the USDA Agricultural Research Service's Stored Product Insects and Engineering Research Unit in Manhattan, KS.

If you are interested in this exciting opportunity, please submit your application to the Carl and Melinda Helwig Department of Biological and Agricultural Engineering at Kansas State University.

Qualifications: Candidates should have a degree in Biological and Agricultural or Electrical Engineering. Preference will be given to applicants with skills and experience in areas of instrumentation, electronics, embedded systems, and optics.

Application: Candidates who are interested in this position are encouraged to contact Dr Armstrong by email with questions and also provide a single PDF attachment containing 1) A cover letter describing your interest in the position, and 2) a Resume/CV.

Dr Paul Armstrong
USDA, Agricultural Research Service
1515 College Ave
Manhattan, KS, 66502
Email Paul.Armstrong@usda.gov