

Position Announcement

Graduate Research Assistantship

Precision Agriculture

Description

A Graduate Research Assistantship is available in the area of Precision Agriculture to pursue Ph.D. degree in Agricultural and Biological Systems Engineering. This assistantship includes tuition remission and health insurance. Research activities will be related to the development of an on-the-go soil sensing system and relevant data analysis process. The graduate research assistant will be responsible for independent technology analysis, system design, experimental method development, data collection and processing, and timely preparation of a dissertation. Excellent facilities are available for experimentation including, sensors and controls laboratory, machinery laboratory and shop, and a research farm. The graduate research assistant will develop strong communication, time management and team-working skills, will prepare publications, and deliver oral presentations based on his/her research results.

Qualifications

The applicant must possess an M.S. degree in agricultural, mechanical, electrical, computer, or related engineering fields, and should have an interest in precision agriculture. He or she should be familiar with recent technology innovations, have a strong background in mathematics, basic sciences, machine design, computer programming, and be willing to learn modern data mining methods.

Application

The position is available starting in January 2009. Applications will be accepted immediately and until the candidate is selected. For more information about our graduate program, visit <http://bse.unl.edu/Grad/index.shtml>. For assistance with additional questions on research projects and/or the application process, please contact:

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