INSTITUTE OF AGRICULTURE AND NATURAL RESOURCES
DEPARTMENT OF AGRONOMY AND HORTICULTURE

GRADUATE RESEARCH ASSISTANTSHIP: COVER CROP MANAGEMENT AND OUTREACH

The University of Nebraska-Lincoln (UNL) invites applications for a graduate research assistantship to support a new statewide initiative funded by the USDA-NRCS to advance knowledge and utilization of cover crops. We are looking for a student who will work in our team to support the implementation, data collection, statistical analysis, outreach and reporting for cover crop variety trials in Nebraska. This will include field work at multiple locations as well as writing for peer-reviewed journals and publications aimed at farmers. The student will help synthesize the collected data and utilize it to develop new models for growth and performance of cover crops using the APSIM cropping systems platform. Additional responsibilities will include outreach to diverse farming and stakeholder audiences as well as assistance with extension efforts.

Interested applicants should contact Dr. Andrea Basche (abasche2@unl.edu) for more information. Applicants should be prepared to share a CV, statement of interest, and contact information for two references. Review of applicants will begin December 15 with a selected student planned to apply for Summer or Fall 2022 University/Department deadlines.

Qualifications: The successful candidate should be highly motivated and passionate about scientific inquiry that can be applied to land management decision-making. The student should have some field and/or computer-based experience with related topics and be willing to conduct field research to meet the goals of this project. The successful candidate possesses strong skills or a willingness to learn data analysis, management and statistics, excellent project and time management, as well as demonstrated writing, interpersonal and communication skills. We encourage all students with an interest in improving sustainability of farming, cover crops, crop modelling, agroecology, soil health, and outreach work to apply.

Graduate Research Assistantship Stipend:
Ph.D. Student: Annual Basis - $27,540
M.S. Student: Annual Basis - $25,500

Tuition Waiver: A tuition waiver of up to 12 credit hours per semester and up to 6-12 credit hours during summer sessions (depending on previous enrollment) is provided with the GRA.

Health Insurance: Students on assistantships are provided health insurance at a reduced rate.

GRA Availability: Summer or Fall 2022

Application: Formal application for graduate studies is required. Follow the admission instructions at: https://go.unl.edu/gradapp

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