GRADUATE RESEARCH ASSISTANTSHIP

The University of Nebraska-Lincoln (UNL), Department of Agronomy and Horticulture, invites applications for an M.S. or Ph.D. graduate research assistantship. The research purpose is to measure the macro-scale spatial and temporal distribution of nutrient pulses in relation to grazing strategies, and assess the macro-scale effect of grazing strategies on soil nitrogen mineralization, P availability, and carbon storage. The research will integrate macro-scale pattern of nutrient pulses from dung and urine, and micro-scale decomposition processes to improve existing process-based carbon and nitrogen biogeochemical models. This research will build on a long-term grazing project conducted on UNL’s Barta Brothers Ranch and collaborating ranches in the eastern Sandhills. The student will lead in study design and implementation of research, assist in related research projects, and will need to live at the Barta Brothers Ranch part of the summer. Opportunities also will be provided to gain teaching experience in soil and rangeland ecology and management, participate in professional scientific societies, and travel to professional meetings. Desired candidates will have demonstrated interest in rangeland ecology or related fields, high scholastic achievement, excellent verbal and written communication skills, and ability to work independently but also effectively with a team.

Interested applicants should contact Dr. Martha Mamo, mmamo3@unl.edu, 402-472-8493, Dr. Walt Schacht, wschacht@unl.edu, 402-472-0205, or Dr. Jerry Volesky, jvolesky@unl.edu, 308-696-6710 for more information.

Qualifications: B.S. or M.S. degree with appropriate academic credentials. The qualifying degree must be completed before the GRA start date.

Current Stipend: Graduate Research Assistantship Stipend:
M.S. Student: Annual Basis - $23,400  Monthly Basis - $1,950
Ph.D. Student: Annual Basis - $25,200  Monthly Basis - $2,100

Tuition Waiver: A tuition waiver of up to 12 credit hours per semester and 12 credit hours during summer sessions is provided with the GRA.

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

GRA Availability: January 2016

Application: Formal application (including GRE) for graduate studies is required. Follow the admission instructions at: http://www.unl.edu/gradstudies/

Dr. Mark Lagrimini, Graduate Chair
Department of Agronomy & Horticulture
University of Nebraska-Lincoln
PO Box 830914
Lincoln, NE 68583-0914
Phone: 402-472-1560, FAX: 402-472-7904
E-Mail: AGRO_HORT_GradChair@unl.edu

UNL is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity. UNL does not discriminate in its employment, admissions or related service programs. Affirmative Action/Equal Opportunity/Diversity questions may be directed to the Office for Affirmative Action and Diversity Programs, 127 Administration Building, P. O. Box 80437, UNL, Lincoln, NE 68588-0437, or by telephoning 402472-3417 (or TDD, 402/472-9522). Employment eligibility verification is required for all new hires pursuant to the Immigration and Control Act of 1986. We assure reasonable accommodation under the Americans With Disabilities Act.