

**Ph.D. Assistantship, Environmental Stewardship**

Organization: North Dakota State University

Location: Fargo, ND

Job Category: Ph.D. Research Assistantship

Salary: \$18,000-20,000/yr + tuition waiver

Start Date: Summer 2016 (exact date is flexible)

Expected Completion: May 2019

Description: A graduate research assistantship (Ph.D.) evaluating riparian complex ecological sites is available in the Animal Sciences Department at North Dakota State University. The objective of this research is to improve our understanding of riparian ecology of streams across North Dakota and to improve and strengthen the ability of resource managers and landowners to restore and/or properly manage riparian ecosystems. This research would lead to the development of riparian complex ecological site descriptions through the identification of potential states and phases associated with a stream and drivers of transitions between states and phases. The knowledge gained from this research will allow land managers to 1) identify, 2) assess, 3) predict change, 4) manage, 5) restore, 6) and monitor riparian ecosystems under their management. Student will be part of an interdisciplinary team and will have the opportunity to collaborate with other graduate students and faculty.

Preferred qualifications include enthusiasm, a strong academic record, and a desire to work at the interface of ecology and the livestock industry. Candidates must have a master's of science degree from an accredited university and a valid driver's license. Evidence of excellent written and analytical skills, as well as an interest in field research will be a plus. Prospective students with a background in range science, ecology, animal sciences, or biology are encouraged to apply. The most competitive applicant's will have multiple years of field experience including previous work with riparian and rangeland assessment methodologies.

To express interest, please email Miranda Meehan at [miranda.meehan@ndsu.edu](mailto:miranda.meehan@ndsu.edu) with the following:

- 1) A cover letter describing your background, qualifications, research interests, and available start date
- 2) A CV
- 3) Academic transcripts (unofficial are fine)
- 4) Contact information for 3 professional references.

North Dakota State University is a student focused, land grant, research university with over 14,000 students. NDSU is located in Fargo, ND, which has a community area population of over 200,000. Fargo is nationally recognized as one of the best places to live because of its safety, health care, recreation, and job opportunities. More information about NDSU and the surrounding area are available at [www.ndsu.edu](http://www.ndsu.edu).

**DEPARTMENT OF ANIMAL SCIENCES**

College of, Food Systems, and Natural Resources

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