PhD Assistantship
Fire, Plant and Small Mammal Community Dynamics
North Dakota State University | School of Natural Resource Sciences

NDSU

Salary: $22,000+ annually plus full tuition waiver

Location: Fargo, ND

Screening will begin immediately, position to start Spring 2018, completion Spring 2021.

Direct questions to:
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Range Science
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Position Description
A graduate research assistantship (PhD) investigating the influence of heterogeneity-based land management strategies on the conservation of Northern Great Plains ecosystems is available in the School of Natural Resource Sciences at North Dakota State University. To improve our understanding of ecosystem dynamics in working landscapes this student will have the opportunity to monitor small mammals and native and invasive vegetation managed with both livestock grazing and multiple seasons of prescribed fire. The student will join an inter-disciplinary team of researchers and will have the opportunity to collaborate with other graduate students and faculty.

The Central Grasslands Research Extension Center is situated in Missouri Coteau Ecoregion commonly referred to as the prairie pothole. The landscape is one of the largest intact mixed-grass prairie ecosystems with diverse vegetation, multiple wetland complexes and abundant migratory birds. The area has not been regularly burned for decades with potential fire exclusion since European settlement. Comfortable living and office accommodations are provided at the research center during field seasons.

Preferred Qualifications
Candidates must have a Master of Science degree from an accredited university and a valid driver's license. The most competitive applicant's will have multiple years of field experience including previous work with grassland plant species identification. Students will be expected to work well independently and with a team and should have experience using some or all of the following programs: ArcGIS, PC-ORD, and program R.

To Apply
Submit 1 document (.pdf) that includes a 1) cover letter discussing your qualification, ambitions, and future aspirations, 2) curriculum vitae, 3) transcripts (unofficial), and 4) three professional references to ryan.limb@ndsu.edu.

Faculty Website
https://www.ndsu.edu/range/faculty_and_staff/ryan_limb_phd/