

## **Postdoctoral Research Fellowship in Wildlife Habitat Selection and Landscape Genetics**

We are recruiting a high-quality postdoctoral research fellow to join our lab at the University of Waterloo. The research will focus on the development of habitat selection models and landscape genetics. The research will focus primarily on greater sage-grouse, but there will be opportunities to engage with the multiple other on-going wildlife projects in our research group ([fedylab.uwaterloo.ca](http://fedylab.uwaterloo.ca)). Applicants must have strong quantitative skills and a capacity and willingness to work independently and lead research efforts. This research fellowship represents an extraordinary opportunity for the right candidate.

Applicants must demonstrate expertise in landscape ecology and thorough knowledge of population and landscape genetics through prior training, publications, or work experience. The successful candidate will work as part of an interdisciplinary team of researchers that includes landscape and wildlife ecologists and population geneticists. In addition, the candidate will work closely with state and federal wildlife managers to communicate research findings.

### Position Requirements:

1. Develop habitat selection models for greater sage-grouse.
2. Examine landscape and environmental features affecting the spatial genetic structure of greater sage-grouse in Wyoming.
3. Perform landscape genetic and spatial analyses.
4. Produce reports and peer-reviewed publications of key results.

### Qualifications:

1. PhD in the field of population or conservation genetics, or other relevant area of study
2. In-depth knowledge of current population and landscape genetic analyses
3. Working knowledge of GIS and R software
4. Proven ability to publish research in high quality peer-reviewed publications
5. Excellent written and oral communication skills
6. Ability to work independently and as part of a team

Salary: \$50K/year plus benefits. Term: 2 years, with possibility of extension depending on available funding; Start date of spring/summer 2018.

### Contact Information:

Submit a letter of interest, Curriculum vitae, and names and telephone numbers of three references to Dr. Brad Fedy, [bfedy@uwaterloo.ca](mailto:bfedy@uwaterloo.ca). Include "Landscape Genetics Postdoc" in the subject line. We will begin review of applications on April 13<sup>th</sup>, 2018; however, the position will remain open until filled.

The work will be conducted in the School of Environment, Resources and Sustainability at the University of Waterloo, working closely with the US Geological Survey, US Bureau of Land Management, and the Wyoming Game and Fish Department.

