

# Postdoctoral Scholar: Snow-Wildlife Interactions (UW Seattle, Prugh Lab)



A 3-year postdoctoral position is available in the Prugh lab at the University of Washington, Seattle to examine how changing snow conditions are affecting ungulates and their predators. Start date is negotiable (Fall 2020 preferred). The postdoc will join an interdisciplinary team of wildlife and snow scientists to investigate how snow conditions are changing in northwestern North America, and how these changes impact the movements, demography, and predation risk of Dall sheep, moose, elk, white-tailed deer, and mule deer. This project is funded through NASA's Arctic and Boreal Vulnerability Experiment and Interdisciplinary Science programs, and it builds from the NASA ABoVE Dall Sheep study (<https://dallsheep.weebly.com/>) and the WA Predator Prey Project (<https://predatorpreyproject.weebly.com/>). Salary range is \$55-60K per year, commensurate with experience.

The Prugh lab (<http://www.prughlab.com/>) consists of a dynamic group of students and postdocs in the School of Environmental and Forest Sciences at the University of Washington, Seattle (<http://www.cfr.washington.edu/>). Dr. Prugh has expertise in wildlife population and community ecology, and co-PIs on the project have expertise in remote sensing and snow modeling. The postdoc will have access to existing GPS location and demographic datasets of ungulates and carnivores in Alaska, Canada, and Washington, and some winter fieldwork in Denali and northern Washington may be possible if desired. The ABoVE Science Cloud will provide access to high-speed computing, a wealth of environmental datasets, and high resolution imagery.

The University of Washington (Seattle campus), a leader in undergraduate and graduate education and one of the world's premiere research universities, offers rigorous academic programs, outstanding faculty, and diverse cultural and social opportunities in a stimulating intellectual environment. The College of the Environment, including its six Schools and Departments and multiple programs, institutes, and centers, connects educators, researchers, students and citizens, cultivating communities who work with and learn from each other while tackling critical environmental challenges. The School of Environmental and Forest Sciences is dedicated to generating and disseminating knowledge for the stewardship of natural and managed environments and the sustainable use of their products and services through teaching, research and outreach. Our Seattle location is ideal, with access to a multitude of collaboration opportunities in a vibrant urban location with the allure of the mountains, forests and islands within 45 minutes of campus.

The University of Washington (UW) is located in the greater Seattle metropolitan area, with a dynamic, multicultural community of 3.7 million people and a range of ecosystems from mountains to ocean. The UW serves a diverse population of 80,000 students, faculty and staff, including 25% first-generation college students, over 25% Pell Grant students, and faculty from over 70 countries. The UW is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the advancement of women faculty in science, engineering, and math (see <http://advance.washington.edu/>).

The UW and School of Environmental and Forest Sciences promote diversity and inclusivity among our students, faculty, staff, and public. Thus, we are strongly seeking candidates whose experiences have prepared them to fulfill our commitment to inclusion and have given them the confidence to fully engage audiences from a wide spectrum of backgrounds.

Postdoctoral scholars at UW are represented by UAW 4121 and are subject to the collective bargaining agreement, unless agreed exclusion criteria apply. For more information, please visit the University of Washington [Labor Relations website](#).

**Desired Qualifications:** Candidates must hold a PhD and have no more than two years of total postdoctoral experience at the time of appointment. The successful candidate for this position will have expertise in spatial analyses of animal location data, demographic modeling (e.g., IPMs), and/or population viability analysis. A strong interest in global change biology and wildlife ecology is desired, and familiarity with northern ecosystems, ungulate ecology, and remote sensing would be beneficial. Experience working as part of a collaborative team and with agency biologists is preferred. Applicants must have a demonstrated record of publication in peer-reviewed journals, including at least one first-author publication in a major ecological journal. Strong analytical and writing skills are required.

**To apply:** To apply for this position, please submit an application by August 7, 2020 via Interfolio: <https://apply.interfolio.com/77358>. Applicants must submit:

- 1) a statement of research interests and relevant skill set
- 2) a CV
- 3) a representative example of your scholarly work
- 4) names, addresses, emails and telephone numbers of three references.

## **Equal Employment Opportunity Statement**

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

### **Commitment to Diversity**

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (<http://www.washington.edu/diversity/diversity-blueprint/>). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (<https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432>).