

## Washington Cascades Field Ecology Internships (2018)

The HilleRisLambers lab at University of Washington is looking for:

**4-5 full-time undergraduate interns (paid), and  
3 short-term undergraduate volunteer interns (unpaid)**

Interns will help us conduct research in the Cascades (Mt. Rainier and North Cascades NP and nearby) this summer. We study how climate change (warming and declining snow) will affect the forests and wildflower meadows of Washington, and are looking for enthusiastic and hard-working interns to assist us with 3 main projects:

- 1) How will forests be altered by climate change? To address this question, we have been collecting demographic data (since 1978) for tree populations in 18 stands within Mt. Rainier National Park.
- 2) How will climate change influence plant communities? In collaboration with Dr. Amy Angert (UBC), we are resurveying communities at locations first surveyed in the late 70's / early 80's, and additionally monitoring seed addition experiments in and around Mt. Rainier and North Cascades National Park.
- 3) What is the relationship between climate and wildflower phenology? We have established a citizen science program (MeadoWatch) which engages citizen scientists in collecting wildflower phenology data.

**Full-time positions:** We have **3-4** paid full-time positions available (10-12 weeks June 11 – September 21) for projects 1- & 2. We have **one** full-time position available for project 3; this intern will work within our citizen science program (including data collecting and working with volunteers).

**Short-term volunteer positions:** We have **3** short-term (1 week), unpaid volunteer positions available between July 16 and August 31 (timing flexible). Volunteer Interns will work on a variety of projects (including some of the above and others described on our website), under the mentorship of graduate students in the lab. These positions are intended to give early-career undergraduates (freshman and sophomores) the opportunity to gain field ecological experience.



Intern hiking to field sites in the North Cascades.

**Requirements:** A combination of research experience, leadership ability, and plant identification skills is required for full-time positions. Potential and a desire to gain field experience are critical for volunteer positions, where early-career undergraduates will be prioritized. Enthusiasm, hard work and the desire to work outdoors are required for all positions. To be eligible, you must be a US Citizen, permanent resident or have a visa that allows you to work at UW.

**Benefits:** Interns will learn A) how scientific research is conducted; B) field ecology skills; C) how climate change will affect plant communities in the Pacific Northwest and D) what graduate school might be like. These are valuable skills for those wanting a career in natural resources or conservation as well as those of you wishing to pursue a graduate degree in the life sciences.

**Compensation / logistics:** Full-time paid positions are compensated at \$15.45 / hour (\$618 / week; before taxes). Food, travel and lodging (camping and field housing) will be covered for all interns (while in the field). All full-time interns must attend an orientation and training week early in the summer (11-15 June); volunteer interns will be oriented while in the field. Full-time interns will spend 60% - 90% of their time in the field collecting data, and the rest in the lab processing samples and/or entering data. Volunteer interns will spend the entire week in the field. This job requires being outdoors (in hot or cold or rainy or buggy conditions), camping, and hiking with backpacks - so please be sure this is of interest to you before applying.

**Applying for positions:** Please fill out this [survey](#) (information also on the HilleRisLambers website under positions). You will be asked to describe your interest in the position, your experience and skills, to provide the names and contact information of two references, upload a resume and transcripts (unofficial is fine). We will start reviewing applications on March 19<sup>th</sup>, will conduct interviews in early to mid-April, and select interns by late April. Questions? Email Janneke HilleRisLambers ([jhrl@uw.edu](mailto:jhrl@uw.edu)).

