

Washington Cascades Field Ecology Internships (2019)

The HilleRisLambers lab at University of Washington is looking for 4-5 undergraduates for full-time summer paid internship positions. 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) How do species traits and local composition combine to influence productivity? We are collecting branch samples from trees (using slingshots) to understand how functional traits vary across species and climate.

Requirements: Enthusiasm, attention to detail, reliability, hard work and the desire to work outdoors are required for all positions. Interest in ecology, research experience, leadership ability, and plant identification skills are desirable, but not required. To be eligible, you must be a US Citizen, permanent resident or have a visa that allows you to work at UW.

Position Timing / Description: Internships are full-time, 40 hour per week positions that run from June 17 – September 20 (10-13 weeks, with up to 3 weeks' time off possible). We may offer a few shorter term positions (e.g. 6-8 weeks), depending on summer scheduling.

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 wishing to pursue a graduate degree in the life sciences.

Compensation / logistics: Full-time paid positions are compensated at \$16 / hour (\$640 / week; before taxes). Travel and lodging (camping and field housing) will be covered for all interns (while in the field). Camping gear (tents, stoves) will be provided, with the exception of a field pack, good hiking boots, field clothing, a sleeping bag and a mat. All interns must attend an orientation and training week early in the summer (between 17-28 June). Interns will spend 80% - 90% of their time in the field collecting data, and the rest in the lab processing samples and/or entering data. This job requires being outdoors (in hot or cold or rainy or buggy conditions), camping, and hiking with backpacks, please be sure this is of interest before applying.

Applying for positions: Please fill out this [survey](#) (also listed 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, and upload a resume and transcripts (unofficial is fine). We will start reviewing applications on March 20th, will conduct interviews in early to mid-April, and select interns by late April. Questions? Email Janneke HilleRisLambers (jhrl@uw.edu).



2018 Field Crew identifies plants in the North Cascades.

