

## Mt. Rainier & North Cascades Field Internship Opportunities (2016)

HilleRisLambers Lab, University of Washington (Seattle)

The HilleRisLambers lab at University of Washington is looking for 4-5 undergraduate research assistants to help us conduct research at Mt. Rainier and North Cascades National Park this summer (2016). We study how rising temperatures and declining snow accumulation (i.e. climate change) will affect the forests and wildflower meadows of Washington, and are looking for enthusiastic and hard-working interns to assist us with 3 projects:

- 1) How will population dynamics 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) To what extent does seed limitation constrain range expansions? In collaboration with Dr. Amy Angert's lab at University of British Columbia, we are collecting seed and preliminary site data to establish seed addition experiments at Mt. Rainier and North Cascades National Park.
- 3) Will local adaptation constrain performance at range edges? We are monitoring reproductive success of two Monkeyflower species in common garden experiments established in 2013.

Previous research experience and the ability to identify NW plants is desirable, but not required (we will train you on the job). Interns in this position 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.

Interns will work in groups of 2-4 with a field crew leader or a graduate student, with the majority of field work at Mt. Rainier National Park and North Cascades National Park. Although interns



Interns hike to high elevations to census plant populations

will primarily work on one of the three projects mentioned above, all interns will get the chance to assist with multiple projects (including projects led by graduate students), participate in our citizen science program MeadoWatch, and interact with lab members and collaborators during down time in the field house and lab.

Positions are 12-14 weeks in length (full-time), and you will be paid \$520/week. Positions start mid-June, and you must be able to attend an orientation and training week (13-17 June). You will spend 80%- 90% of your time in the field collecting data, and the rest in the lab processing samples and/or entering data. Food, travel and lodging while in the field (camping and field housing) will be covered. 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.

For information on how to apply, please visit:

<https://catalyst.uw.edu/workspace/jhrl/53107/>. You will be asked to fill out a

survey (including the names and contact information of two references) and upload a resume and transcripts (unofficial fine). We will start reviewing applications on March 20<sup>th</sup>, 2016, 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)).



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See <http://faculty.washington.edu/jhrl/Index.html> and <http://www.meadowatch.org/> for more information