

Mt. Rainier Field Internship Opportunities (2015)

HilleRisLambers Lab, University of Washington (Seattle)

The HilleRisLambers lab at University of Washington is looking for 3-6 undergraduate research assistants to help us conduct research at Mt. Rainier National Park this summer (2015). 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 three projects:

- 1) Tree demography observations: We collect climate and demographic data (i.e. growth, survival, reproduction) for six conifers occurring in 18 permanent stands located at Mt. Rainier National Park.
- 2) Plant community reassembly: We are revisiting 'Legacy' plots censused in Mt. Rainier NP and North Cascades NP in the mid 1970's to assess whether recent warming has led to community change.
- 3) Wildflower phenology: We are quantifying wildflower phenology (flowering, seedset) and pollinator visitation at permanent sites relative to microclimate variability.

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 (with some trips to North Cascades National Park and Wind River Research Station in southern Washington). Although interns will primarily work on one of these three projects, all interns will get the chance to assist with multiple projects (including projects led by graduate students that are not mentioned above) and interact with all members of the lab during down time in the field house and lab. Positions are 12-14 weeks in length, and you will be paid \$440/week. Positions start mid-June, and you must be able to attend one of two training weeks (15-19 June OR 22-36 June). You will spend ~ 80% of your time in the field collecting



Interns James Lucas, Hannah Besso, and Hannah Wiesner scouting potential field sites along the Glacier Basin Trail (Mt. Rainier).

data, and the rest in the lab processing samples and/or entering data. Food, travel and lodging while in the field 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/49331/>. You will be asked to fill out a survey (including the names and contact information of two references) and upload a resume and transcripts (and indicate a preference for project, if you have one). We will start reviewing applications on April 3rd, 2015. We will conduct interviews in mid-April, and interns will be selected by late April. Questions? Email Janneke HilleRisLambers (jhrl@uw.edu).



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