

David L Nieland

Subject: Summer Field Opportunities in Forest Ecology in Oregon and Washington - The DEMO Study

Summer field crew positions are available for the Demonstration of Ecosystem Management Options (DEMO) Study, a large-scale, long-term experiment in structural-retention harvests in the Pacific Northwest.

Overview: Crews will take measurements in permanent plots to characterize overstory structure and understory regeneration 17-18 years after experimental treatments. Replicated at five sites in Oregon and Washington, the treatments comprise varying levels and spatial patterns of overstory retention through timber harvest. Study sites represent diverse physical settings and mature forest communities in the Umpqua and Gifford Pinchot National Forests. For more information about the study, see: <http://www.fs.fed.us/pnw/research/demo/>

Duties: Field tasks include relocating or reestablishing permanent plot markers, tagging or retagging trees, remeasuring trees for diameter and height, and taking detailed information on newly dead trees and existing snags.

These positions are best suited to mature, upper-level undergraduates or recent graduates who are considering advanced study or professional work in forest ecology or silviculture.

Logistics: Housing is provided for most of the summer (USFS facilities), but some camping is necessary (USFS campgrounds). Transportation is provided during the work week, but personal vehicles are recommended during time off. We will work extended periods in the field (8 consecutive 10-hour days, followed by 6 days off), but may need to adjust work schedules based on weather.

Our base locations provide easy access to a wide range of recreational opportunities (hiking, climbing, backpacking, rafting, and fishing) in the mountains of central Oregon and southern Washington (e.g., High Cascade peaks, Crater Lake) and the Columbia River Gorge.

Qualifications: Previous field experience, familiarity with basic vegetation measurement tools and methods, and previous coursework or strong interest in silviculture or forest ecology. Candidates must be in excellent physical condition; able to work long hours in the heat (and occasional rain or presence of mosquitos); and able to climb steep, sometimes brushy or log-covered slopes with personal gear and field equipment.

We seek individuals who are detail-oriented, able to follow complex data-collection procedures, have legible handwriting, enjoy working as part of team, and can live cooperatively with others. CPR/wilderness first aid training is a plus.

Salary: \$13.50/hour or more, depending on experience/qualifications.

Duration: mid-June through mid-September (possibly end of September)

Closing date: March 4, 2016

To apply, send the following materials by e-mail to chalpern@uw.edu:

- Scan of a HANDWRITTEN letter describing: (1) interests, (2) qualifications as they apply to the selection criteria noted above, (3) specific dates of availability (and non-availability), and (4) names and contact information (phone, e-mail) of two persons providing letters of reference.
- Resume or CV
- Two letters of reference sent directly by those providing the letters

For more information contact:

Charlie Halpern, Research Professor, e-mail: chalpern@uw.edu, or Allison Rossman, MS student and Crew Leader, e-mail: akrossman@gmail.com

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