Positions Available:

Ecology Field Research Interns

B4WARMED (Boreal Forest Warming at an Ecotone in Danger) is a manipulative experiment that simultaneously warms plants and soil, and implements summer rainfall reduction. The main goal of the project is to examine broadly defined ecological processes under warming and rainfall reduction. In particular, our work focuses on: soil processes, tree seedlings physiology, phenology, growth, and survival and other. For more information: [http://forestecology.cfans.umn.edu/Research/B4WARMED/](http://forestecology.cfans.umn.edu/Research/B4WARMED/).

**Position overview:**
We seek independent and mature field assistants with a background in biology, ecology, environmental science, forestry, or a related field for a paid field research internship ($10/hr). First round of open positions will start in late March/April; second round will start in midsummer and go until end of November. Start dates are negotiable. Typically, an internship lasts about 4 months. Typical workdays are eight hours Monday through Friday; however, tasks may require early morning, evening, or weekend work. A valid driver’s license is required. The intern will mainly work and travel independently; occasionally in a pair or small group. Maturity to work autonomously and for long hours is required.

**Responsibilities:**
- Work independently to collect biotic and abiotic data in field and lab settings in accordance with established protocols
- Measure seedling growth, germination, physiology, and phenology
- Measure soil characteristics and microbe activity
- Routine maintenance of field sites and research equipment.
- Data entry using Excel and Google Drive
- Travel frequently between sites
- Employ experimental rainfall reduction treatment
- Aid principle investigators and graduate students as needed.

**Desired qualifications:**
1) Eagerness to work hard outdoors. 2) Capacity to collect data following established protocols. 3) Familiarity with plant and tree species of northern Minnesota. 4) Willingness to work and live alone and/or with others in a remote area. 5) Ability to work under changing weather conditions and with swarms of insects. 6) Ability to adapt to a changing schedule with frequent travel.

**Research sites:** Field work will be split between research sites at the Cloquet Forestry Center in Cloquet, MN ([http://cfc.cfans.umn.edu/](http://cfc.cfans.umn.edu/)) and the Hubachek Wilderness Research Center ([https://cfc.cfans.umn.edu/facilities/hubachek](https://cfc.cfans.umn.edu/facilities/hubachek)) near Ely, MN. Both research sites are in beautiful forested settings and provide access to the natural areas of northern Minnesota including the Boundary Waters Canoe Area Wilderness. An individual’s home base will be at either of these locations, though travel between sites will be required depending on project needs. University vehicles are used for such travel. On-site housing with furnishings and a kitchen are available.

**Contact:** Please send **cover letter** (including **available working dates**), one-page **resume**, and contact information for two **references** electronically to:

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1530 Cleveland Ave N. | St Paul, MN 55108 USA

Highest priority will be given to applicants able to start before April 1.