Data Analyst Intern

**Purpose:** The Northwest Forest Plan requires surveys of sensitive species, particularly in areas that will be logged or otherwise impacted (new bike trails, power lines, etc). Terrestrial Mollusks (slugs and snails) are included in this plan, but very little is known about their habitat preferences. This project will take the results of several surveys, enter them into ArcGIS, and then examine correlation of this data with hydrological models and lidar topography and canopy data. In addition publication, our results will be used by public land agencies to refine surveys and land management concerning terrestrial mollusks.

**Essential duties:**
- Taking data from paper form and making it electronic
- Using ArcGIS to analyze occurrence data in relation to several variables
- Creating models of ideal habitat
- Conducting mollusk surveys to verify the accuracy of models

**Required knowledge, skills, and abilities:**
- Basic computer skills (Excel, Windows OS)
- Attention to detail in data entry
- Able to meet time commitment
- Interest in the use of technology to refine land management practices

**Time Commitment**
- 2+ hours a week. Workload can be distributed around the needs of an intern’s schedule, but weekdays are preferred. Data entry should take about 100 hours; the analysis and synthesis of data will take 20+ hours. Ideally, an intern should be willing to commit to 4 or more credits over the course of Winter and/or Spring term.

**Training Provided**
- Use of ArcGIS for data entry and manipulation, and map and model creation
- Basic field surveying skills
- Terrestrial Mollusk identification skills
- Vascular plant identification skills
- Possible authorship on resulting paper

**Contact:**
Please send a letter detailing your availability and interest to:

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*Not necessarily part of this internship, and optional (but very fun)