NR410 – Live Fuels Monitoring Project *(Internship)* **April 2018 – Oct 2018**

Overview

This project has the objective of developing a baseline of live fuel moisture trends from early spring through fall. The data collected for this project are entered into the National Fuels Database and are used by land managers to predict fire risk and fire behavior. The intern supports this project by collecting field samples and calculating moisture content of live fuels

Internship Duties

- Collect samples from four field sites every two weeks April - October
- Calculate moisture content fuel and enter data into fuel worksheet
- Collect soil moisture data at field sites
- Write final report at conclusion of internship

Requirements

- Sign up for 1-4 credits of FOR 410 for spring, summer, or fall term (a grade of Incomplete will be maintained until completion of final report fall term)
- Commit to 1.5 days of work every two weeks April – October (typically around the 1st and 15th of each month)
- Complete OSU Laboratory safety training
- Valid driver's license (manual transmission capability is best)

Compensation

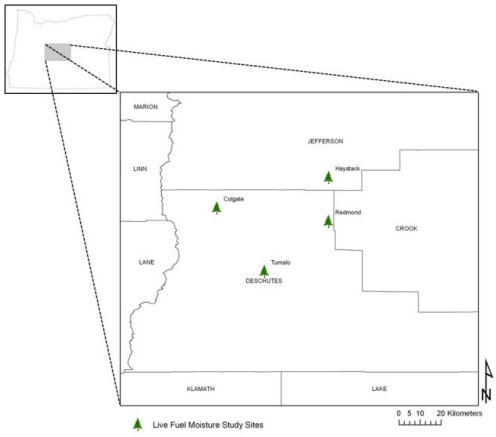
- Up to 110 work hours at $12/hr; gas if using personal vehicle

Skills Gained

- Knowledge of regional plants, soils, and fire and fuels management
- Analysis and calculations of water content and soil moisture
- Report writing skills and potentially a published article or conference presentation

Application (previous experience not required)

- Letter of interest and introduction stating why you are interested, why you are qualified
- Up-to-date resume and course list
- Due to ron.reuter@oregonstate.edu



Previous Live fuel interns: Sara Wyland (2008); Joseph Checketts (2009); Jeremy Thompson, Erika Porter, and Ryan Monzulla (2010); Candace Baker (2011); Jessica Ruthardt (2012); Viri Serna (2014); Stephen Badger (2016)