Field Assistant

We seek undergraduate students for summer paid positions assisting with field-based research that focuses on understanding the impacts of wildfire on soil properties, soil erosion and forest health. The successful applicants will gain experience making measurements of soil properties in the field (e.g. to quantify infiltration rates), collecting soil samples, and making field observations and measurements to assess soil erosion. Work will also include recording information about vegetation density and health and measuring fuels. Prior experience making ecological measurements of any kind in a field setting is helpful, but not required. This opportunity would be great for a student wanting to learn about field-based data collection methods commonly used in hydrology, geology, forestry, and fire ecology.

Work will take place in different locations throughout the Santa Catalina Mountains, the Rincon Mountains, the Pinaleno Mountains, and the Gila National Forest from April 2022 through July 2022. During the semester, work will be limited and take place on weekends to minimize potential conflicts with classes. Students will work as part of a crew to hike to field sites and make measurements. During the summer, data collection efforts will span several nights and the team will camp near the study sites. Successful applicants must be able to work long days in the field with strenuous hiking and be out of Tucson and in the field for several days at a time (Monday-Thursday).

CPR or Wilderness First Aid certification is preferred. Prior experience with camping is helpful but not required, and personal equipment such as backpacks, tents, etc. can be obtained freely through the UA Campus Rec Center. We encourage anyone with an enthusiasm for hard work and the outdoors to apply, regardless of previous experience. Pay is 15$/hr.

If interested, send a resume and 1 page cover letter to Emily Fule at efule@email.arizona.edu by March 8th, 2022. Please include any previous work and academic experience, as well as the contact information (phone and email) for two professional references. Questions about the position can be directed to the above email.