

## Research Experience for Undergraduates

### Application call for Summer 2014

#### Two possible REU positions with the Southern Sierra Critical Zone Observatory

**Position Description** Students will conduct field work, perform laboratory analyses, analyze data using statistical software (e.g., R), and write a research report. We are looking for one student for two projects (one focused on Water, and one focused on Soil-Nutrient Interactions) but ultimately we wish to find the best overall fit. Students will be strongly encouraged to take part in a summer professional development series at UC Merced, as well as laboratory and SSCZO group meetings. Depending on summer schedules, the students will attend and present at the annual SSCZO team meeting, held in August. The student may reside in Sierra National Forest or Sequoia National Park.

**Qualifications** The REU student must be able to work with minimal supervision and as part of a research team. Students must be comfortable hiking several miles over uneven terrain while carrying a backpack weighing 35 lbs, working long hours at elevations above 6000', on steep slopes, and under adverse conditions. Students must have relevant course experience (i.e., one or more courses in environmental science, hydrology, ecology, plant science, soil science or microbiology) and be undergraduates (preferably starting their junior or senior year Fall 2014). Note that positions are ultimately contingent on funding.

For dates, extended project descriptions, and instructions on how to apply, go to

[criticalzone.org/sierra/REU-2014](http://criticalzone.org/sierra/REU-2014)

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