UCSC Forest Ecology Research Plot (FERP)
Study forest dynamics and species interactions in the mixed-evergreen forest.

- **FERP general internship**: 2 interns; *Schedule TBD*
  Assist with a variety of FERP-related tasks, including sonic tomography, census troubleshooting, and other projects. This is a great opportunity for flexible and motivated students.

- **FERP phenology litter traps**: 4 interns; *Schedule TBD*
  Conduct bi-weekly inventories of a network of 116 traps across the FERP’s 16 hectares. These traps capture fallen seeds, leaves, fruits, bark, etc. and allow us to track seasonal changes over time. You will also have the opportunity to participate in other Campus Natural Reserve stewardship and research projects as needed.

- **Herps on the FERP**: 4-6 students; *Schedule TBD***Best as a volunteer opportunity***
  Participate in ongoing reptile and amphibian coverboard and aquatic surveys. Surveys take place every 2 weeks. Possible additional projects, which could be done for internship credit, include: creating a herp field guide; data collection for microhabitat variables (downed woody debris, soil moisture, groundcover vegetation, etc.).

- **FERP camera trap mammal survey**: 1-2 interns; *Schedule TBD*
  Assist with a large-scale camera trapping study investigating mammalian use of the landscape in and around the FERP. Work will include camera deployment and retrieval, photo cataloguing and identification of photographed animals, and other related work. We will be following strict protocols designed by the Smithsonian Institute and carried out at similar research plots all over the world.

UCSC Continuous Forest Inventory 12-16 interns; *Schedule TBD*
Assist with the establishment of a new network of forest inventory and analysis plots across Upper Campus forested lands. Learn a variety of forestry and forest ecology skills while taking detailed measurements of trees, forest canopy, understory vegetation, downed woody debris, and fuel load on a series of circular plots.

- **Stewardship**: 4 interns; *Schedule TBD*
  Plan and implement restoration and trail maintenance projects including re-vegetation, invasive species removal, erosion control, trail maintenance, forest trash clean-ups, and installation/removal of fences and signs.

- **Acoustic Ecology**: 1-2 interns; *Schedule TBD*
  Assist with a soundscape ecology project by using software to analyze bird song and acoustic complexity on the FERP, record sounds to add to a UCSC sound library, and complete a sound transect. This internship is a combination of field work and computer work. Prior experience with bird song identification preferred.

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TO APPLY: send email describing your interest, list your top 3 choices, and attach your Spring Quarter schedule--
Alex Jones
asjones@ucsc.edu

“I really loved this internship as well as everyone that was involved. I never learned so much in so little time. It was a great mixture of self-discovery and helpful guidance.”
–CNR intern Spring Q 2015