

## Summer Internship Opportunities at Lake Tahoe

The UC Davis Tahoe Environmental Research Center (TERC) is dedicated to research, education and public outreach on lakes and their surrounding watersheds and airsheds. Lake ecosystems include the physical, biogeochemical and human environments, and the interactions among them. The Center is committed to providing objective scientific information for restoration and sustainable use of the Lake Tahoe Basin.

TERC has two facilities in Lake Tahoe. The main office and lab space is located in Incline Village, NV, while a recently renovated field station is used by researchers and staff in Tahoe City, CA. Prospective interns would work primarily out of the Incline Village facility and conduct field work (depending on availability) in the Tahoe basin.

Potential Internship Opportunities could include:

- **Aquatic Invasive Species**
  - Assist researchers in discovering effective ways to mitigate the Asian clam problem in Lake Tahoe
- **Stream Monitoring**
  - Sample streams flowing into Lake Tahoe
  - Gain lab experience while measuring chlorophyll from lake samples, using a fluorometer.
- **Chemistry Lab**
  - Analyze lake and stream water samples for nitrogen and phosphorus
  - Measure fatty acid content of algae using the Gas Chromatography machine
- **Forest Ecology**
  - Assist in assessing how forest management influences carbon dynamics and forest health in the Lake Tahoe Basin.
  - Field studies will include: bark beetle monitoring, soil moisture measurements, sap flow yield collections, basic forest mensuration, carbon (above and belowground) and forest health.
- **Education and Outreach**
  - Educate the public and special tour groups about the research conducted at
  - Lake Tahoe at TERC's education centers
  - Assist the education team in developing curriculum for environmental science programs for special events and field trips

**How to Apply for an Internship:** Send the following documents to [antoy@ucdavis.edu](mailto:antoy@ucdavis.edu).

1. Cover letter
  - a. Specify area(s) of interest
  - b. Specify availability to commence and finish work
2. Resume
3. Unofficial College Transcripts
4. Contact information for 3 references

ALL APPLICATIONS ARE DUE ON MARCH 31. Visit <http://terc.ucdavis.edu/people/index.html> for more information.