

**Internship Opportunity at the  
US Environmental Protection Agency Region 8 Laboratory Field/Biology Team**  
16194 West 45<sup>th</sup> Drive, Golden, CO 80403



**Number of intern positions available:** At least one per semester, multiple in the summer

**Contact:** Jeff McPherson

**Email:** [mcphee.jeffery@epa.gov](mailto:mcphee.jeffery@epa.gov)

**Phone:** 303.312.7752

**Why you should be interested in this opportunity:**

If you want to gain experience with hands on environmental field work, the chance to learn more about EPA and the federal government, a flexible internship schedule, and have fun in the outdoors conducting meaningful work.

**Nature of project(s) and skills required:**

The intern will assist aquatic biologists conducting environmental field investigations of aquatic ecosystems. Investigations may involve work in different environments to include lakes, mountains, streams, wetlands, industrial facilities, as well as in a laboratory. Typical field work may include lake profiles, stream flow measurement, water chemistry measurement, water quality sample collection, physical habitat assessments, field training, stream fish surveys, and benthic macroinvertebrate collection.

Laboratory opportunities may include chlorophyll and algal toxin analysis, benthic macroinvertebrate analysis, and if the intern is interested, molecular and microbiology analyses. Fall and spring internships will have less field work during winter months, but may also include some winter sampling opportunities that include skiing or snowshoeing.

**Desired intern skills:**

- Enjoys working in variable outdoor conditions to include inclement weather and high altitudes
- Comfortable working in mountainous areas, in streams, and on boats
- Physical ability to hike in high elevations with equipment and carrying/loading equipment up to 50 pounds
- Ability to learn how to calibrate and use scientific field equipment
- Limnology, stream ecology, or hydrology coursework or experience a plus
- Proficiency in the use of databases, spreadsheets, and PowerPoint
- Interest in potential overnight camping trips
- A flexible work schedule will give the intern more opportunities to assist with field work on longer field days and possibly some overnight sampling events.

**Typical intern duties:**

-Assist with field preparation and supply/equipment management	-Creating or revising: field forms, sampling plans, and standard operating procedures
-Environmental field sampling	-Chlorophyll and algal toxin analysis
-Assist with field sampler training	-Assistance with microbiological and molecular analyses
-Field data entry	-Literature research