

WATER CHEMISTRY POSITION STATE HYGIENIC LABORATORY - IOWA LAKESIDE LABORATORY

DESCRIPTION

The State Hygienic Laboratory (SHL) located at Iowa Lakeside Laboratory is a state and nationally certified drinking water, wastewater, and surface water testing site. Much of the testing relates to preserving the water quality of the Iowa Great Lakes Region. The paid position is for college level students or recent graduates with majors in chemistry, biology, environmental science, or related course of study. Meals and lodging on the Lakeside campus are included. The position runs from May through August, with flexibility for start/end dates. The opportunity to live on the 140-acre Lakeside campus and nature preserve and to interact with Lakeside students, faculty, researchers, and artists in residents are added bonuses to this position.

DUTIES

- Assist in the water chemistry lab performing various tasks: receive water samples, enter sample information into lab database, inventory and prioritize in-house water samples for testing, and conduct various water quality tests.
- Work with lab manager to insure quality control procedures are performed, maintain lab and field equipment, and compile volunteer water quality data.
- Help with the collection of water samples from local lakes and/or beaches. Prepare sampling equipment and sample containers for weekly/monthly water collections.
- Assist in public programs involving water quality topics and training of volunteers.

QUALIFICATIONS

- Background and field/lab experience in biology and/or chemistry.
- Basic training in computer skills: Microsoft Word, Excel, Database queries.
- Good communication skills and ability to work with people of all ages.
- Knowledge of water chemistry methods.
- Valid driver's license.

DATES AND COMPENSATION

This paid position (\$10/hour) runs mid-May through mid to late August. Start and end dates are negotiable. Room and meals at Iowa Lakeside Laboratory are provided for the duration of the internship.

APPLICATION PROCESS

Applicant should e-mail the following to the Water Lab Manager at dennis-heimdal@uiowa.edu

1. A cover letter
2. Resume or CV
3. Statement of career interest and goals
4. Letter of recommendation

Deadline for application is **May 1**.