Under the direction and supervision of Professor John A. Downing, the Iowa State University Limnology Laboratory samples a wide range of Iowa’s surface waters for the purpose of evaluating the impact of human activity on water quality. Our laboratory performs standard testing procedures for analyses of physical, chemical, and biological constituents in lake, stream, river, and wetland ecosystems.

Students are needed for the summer to assist with current research projects for the Limnology Laboratory. The primary research project is a state-wide study of water quality in Iowa lakes funded by the Iowa DNR.

**Job Title:** Lab Assistant, Biology  
**Category:** Lab / Research  
**Job Location:** On Campus  
**Job Description:**  
- Prepare water samples for microscopic examination  
- Identify, measure, and count freshwater phytoplankton and zooplankton  
- Enter data generated from analyses  
- Work may involve a few field sampling trips and general lab maintenance duties  
**Job Skills / Requirements:**  
- Background in biology or related field  
- Interest in water quality issues  
- Laboratory and/or field experience (coursework included)  
- Ability to work with minimal supervision  
- Good communication skills  
**Hourly Rate:** $9.00  
**Schedule Type:** Summer, Fixed Hours  
**Application Method:** Applications are available online at [http://limnology.eeob.iastate.edu/](http://limnology.eeob.iastate.edu/) or outside 150 Bessey Hall  
**Hours per week:** 30-40 hours per week  
**Job Begin Date:** May 2014 with job training beginning in April  
**Job End Date:** November 2014  
**What do you gain?**  
- Learn methods and techniques related to lake and stream sampling  
- Experience in laboratory techniques used to characterize water quality  
- Learn about how various water quality parameters relate to the condition of Iowa’s lakes and streams  
**How do you apply?**  
- Complete the job application  
- Attach a list of three references  
- Return completed application and reference list to the mailbox of: Dr. Christopher T. Filstrup in 251 Bessey Hall  
**Who do I contact with additional questions?**  
- Email Dan Kendall at dlk@iastate.edu