Limnology Lab Job Announcement – Biology Laboratory Technician

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 water quality and the impact of human activity. Our laboratory performs standard testing procedures for analysis of biological, microbiological, nutrient, and metal constituents in lake, stream, river, and wetland ecosystems.

Students are needed for the summer to assist with current research projects for the Limnology Laboratory. These projects include a state-wide study of water quality in Iowa lakes and a NSF-funded project investigating the influence of Cyanobacteria on carbon sequestration in lakes.

Job Title: Lab Assistant, Biology
Category: Lab / Research
Job Location: On Campus
Job Description:
- Prepare water samples for microscope work
- Identify, measure, and count freshwater plankton
- Identify, measure, and count benthic macro-invertebrates
- Enter data associated with the counts
- Work may involve a few day 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: $8.45
Schedule Type: Summer, Fixed Hours
Application Method: Applications are available online at http://limnology.eeob.iastate.edu/
or outside 150 Bessey Hall

# of Hrs / Wk: 30-40 Hrs / Wk
Job Begin Date: May 2011
Job End Date: November 2011

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 253 Bessey Hall

Who do I contact with additional questions?
- Email Dan Kendall at dlk@iastate.edu