



College Prep Diatoms July 23 – August 4, 2017

Iowa Lakeside Lab and Regents Resource Center is pleased to offer this opportunity for advanced high school students who have completed high school level or AP Biology. Accepted students have the opportunity to earn 1 or 2 college credits (see Course Options, below) free of cost from the University of Iowa thanks to the Friends of Lakeside Lab Scholarship Fund and Iowa Lakeside Laboratory.

Diatoms are a special group of algae used as indicators of environmental change. Students will collect samples from various habitats, use advanced microscopy to identify and study diatoms, and may apply their knowledge to do a research project.

The only cost is a small registration fee (\$50) for accepted students. Room and board is provided at Lakeside. Students must provide travel to and from the campus.

The instructors will be Sylvia Lee, Ph.D, Kerry Howard, MA, MS., and Shelly Wu, M.S. Dr. Lee is a research scientist at an environmental agency. Ms. Howard is a credentialed science teacher in NV/CA and a Ph.D. candidate in Geological Sciences. Ms. Wu is a Ph.D. student in Science Education.

To apply, the following documents must be emailed by May 19 to Dr. Lee at sylvlee39@gmail.com:

1. Student transcript (unofficial is acceptable).
2. A 1-2 page essay about your interests and reasons for applying to this course.
3. A letter of recommendation from your science teacher emailed directly from the teacher to Dr. Lee at sylvlee39@gmail.com.

Acceptance is limited and will be based on academic merit.

The instructor will notify applicants of their acceptance by June 1.

Course Options:

- A. July 23-28 (1 week, 1 credit)—Introduction to Diatom Ecology & Taxonomy
- B. July 23-Aug 4 (2 weeks, 2 credits)—Introduction to Diatom E&T and Diatom Research Project. Includes an all-day field trip on Saturday, July 29th.

