

College Prep Diatoms July 22 – August 3, 2018

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 Kerry Howard, MA, MS., and Shelly Wu, M.S., with Dr. Sylvia Lee as a visiting researcher. Mrs. 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. Dr. Lee is a research scientist at an environmental agency.

To apply, the following documents must be emailed by May 18 to Ms. Wu at shelly.wu@tcu.edu:

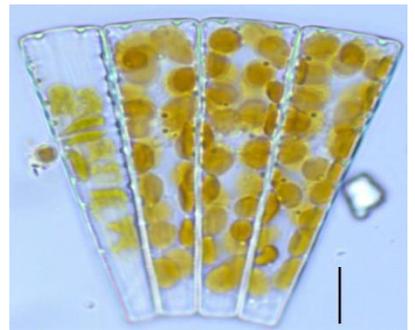
1. Student transcript (unofficial is acceptable).
2. A 1-2 page essay about your interests and reasons for applying to this course.
3. A letter of recommendation from your science teacher emailed directly from the teacher to Ms. Wu at shelly.wu@tcu.edu.

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 22-27 (1 week, 1 credit)—Introduction to Diatom Ecology & Taxonomy.
- B. July 22-Aug 3 (2 weeks, 2 credits)—Introduction to Diatom E&T and Diatom Research Project. Includes an all-day field trip on Saturday, July 28th.



FOR MORE INFORMATION CONTACT JANE SHUTTLEWORTH—Phone: 712-337-3669 ext. 7, jane-shuttleworth@uiowa.edu