From: Tedy Ozersky
Subject: Graduate student opportunity in large lake limnology/ oceanography/ biogeochemistry

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Large Lakes Observatory, University of Minnesota Duluth

We are looking for a motivated MSc or PhD student to join a NSF-funded research project on the role of benthic communities in coupled C-N-P dynamics in the Great Lakes. The successful applicant will work with a group of ecologists, biogeochemists and modelers to investigate how recent large-scale changes in the profundal benthic communities of the Laurentian Great Lakes have affected sediment characteristics, benthic-pelagic coupling and whole-system elemental dynamics. A primary topic of interest is linking functional characteristics of benthic species to bioturbation processes and sediment biogeochemistry. Work will combine extensive offshore fieldwork in Lakes Superior, Michigan and Erie with laboratory studies. The student will be supported through a combination of research and teaching assistantships.

Preference will be given to candidates who have:

- Excellent written communication skills

- Research experience in limnological or oceanographical setting

- Interest in large lake field research

- Peer-reviewed publication record (for PhD applicants)

Students will work with Drs. Ted Ozersky and Sergei Katsev at the Large Lakes Observatory (LLO), University of Minnesota, Duluth (https://scse.d.umn.edu/large-lakes-observatory). The LLO is the only institute in the country dedicated to the study of large lakes throughout the world. The LLO's staff is made up of an interdisciplinary group of scientists committed to using oceanographic research approaches to unlock the mysteries of large lakes. Combining this oceanographic approach with a global focus makes the LLO unique among lake research institutes in the world. In addition to well-equipped laboratories, the LLO operates the only UNOLS research vessel on the Great Lakes, the R/V Blue Heron (https://scse.d.umn.edu/blue-heron).

To apply to the position or to request more information contact Dr. Ted Ozersky (tozersky@d.umn.edu) or Dr. Sergei Katsev (skatsev@d.umn.edu).

More information about the Ozersky lab can be found at http://biolimno.weebly.com ; Katsev lab: http://www.d.umn.edu/~skatsev/