

Position Announcement – Fall 2015

Aquatic Ecology Lab

Illinois Natural History Survey

Dr. David H. Wahl

EARN CREDIT WHILE OBTAINING RESEARCH EXPERIENCE!

Undergraduate assistants are desired, for approx. 4 hours / week (IB 390)

Contact:

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Current Lab Projects:

Our lab group conducts research on conservation issues in aquatic ecology and fisheries management using a variety of approaches. Current work covers a range of topics, including trophic interactions in aquatic food webs, physiological responses to changing temperature regimes, landscape influences on stream and river ecosystems, population biology of largemouth bass and crappie (*Pomoxis* species), and invasive carp biology. Projects are conducted in the field throughout Illinois as well as at four field stations; Kaskaskia Biological Station, Ridge Lake Biological Station, Sam Parr Biological Station, and Lake Michigan Biological Station. Daily activities will be carried out in a campus laboratory (Forbes Natural History Building, University of Illinois Research Park).

Description of responsibilities:

The student will assist in processing whole fish, fish tissue, benthic invertebrate, and zooplankton samples in the laboratory. Additional laboratory tasks may include preparing samples for water chemistry and stable isotope analyses and quantification of behavioral experiments. Necessary training will be provided. As opportunities arise, the student may assist with fieldwork on any of the above-mentioned projects. Prospective candidates should have an interest in aquatic ecology, fisheries, and/or environmental sciences. Students should expect to receive practical experience in standard laboratory and field techniques in aquatic ecology.