

Environmental Physiology Laboratory Technician
Aquatic Physiology Laboratory
PI: Dr. Cory Suski (<http://fishlab.nres.illinois.edu/>)
Department of Natural Resources and Environmental Sciences
University of Illinois at Urbana-Champaign
Champaign, IL

Job Description:

We are seeking a motivated individual to participate in a study to quantify the molecular response of fishes to anthropogenic and environmental stressors. The full-time, temporary position will run from Summer 2012 through Summer 2013, with the possibility of extension. This individual will be expected to assist graduate students and technicians in determining chemical tolerances of invasive Asian carp species. The focus of this position will be on laboratory work performing gene expression analyses on native and non-native fresh-water fishes. Opportunity will exist for field work in Illinois and Wisconsin, development of skills quantifying animal movements using remote telemetry, attending meetings/conferences and writing/data analysis. Pay will be competitive, hourly and commensurate with experience.

Qualifications:

The successful candidate will possess B.S. degree in molecular biology, integrative biology, or a related field (though candidates in the final year of undergraduate study may be considered). Experience in a molecular biology laboratory, particularly with skills related to extracting/quantifying RNA in tissues, creating degenerate primers, creating cDNA, or with real-time gene expression are preferred. Individuals must also possess strong organizational and communication skills, along with the ability to work independently. The following additional skills would be beneficial, but are not required:

- Operating boats, outboard motors, trailers, four wheel drive vehicles,
- Experience with fisheries (handling, collection), water quality, related field equipment, and hauling live fish.
- Experience with acoustic telemetry
- Analyzing and graphing data with packages such as JMP, SAS, Sigma Plot, or similar programs.-

If interested, send CV/resume and the contact information for 2-3 references to Dr. Cory Suski (suski@illinois.edu). Review of applications will begin immediately and will continue until April 30, 2012.