Graduate Position in Selective Fish Passage

A graduate research position (MSc or PhD) is available with a collaborative project involving laboratories in the Department of Integrative Biology, University of Guelph (http://www.uoguelph.ca/ib/) and Fisheries and Oceans Canada, Sault Ste. Marie, ON. Students interested in the ecology, behaviour, and management of fishes are encouraged to apply.

The research project is part of Great Lakes effort to evaluate ways of passing native and desirable non-native fishes at in-river barriers (e.g. dams), while blocking and removing invasive species. Developing these technologies for selective fish passage is becoming one of the most important fishery management challenges of our time and solutions will have global implications for managing fragmented watersheds. The student will be directly involved with the analysis of historical data for trap-and-sort fishways, field testing methods of improving passive sorting of fishes, and modeling the outcomes of different passage options. Skills in fish identification, data analysis, and population modeling would be valuable, but training in these areas will be provided. The student will have opportunities to participate in a basin-wide, selective passage initiative involving management agencies from across the Great Lakes basin.

To apply, send a brief description of your research experience and interests, your CV and transcripts (unofficial is fine), an example of your best writing, and contact information for two references. Your application and any questions about the position can be emailed to Rob McLaughlin, U. Guelph (rlmclaug@uoguelph.ca). We hope to find a candidate willing to start for the 2018 field season.