PhD in Fish Movement Ecology

We are seeking a motivated PhD student to investigate fish movement ecology at the IISD-Experimental Lakes Area. This position is funded through a combination of Graduate Assistantships through Lakehead University and research funding through NSERC and the Ontario Government.

Using a combination of hydroacoustic technology and acoustic telemetry, there are broad opportunities for investigating the role of food web complexity on fish movement and behavioural ecology by implementing cross-lake comparisons as well as detailed characterizations on lakes currently undergoing experimental food web manipulations. Training opportunities for these technologies are available, and will provide the student with a unique and high-demand skill set.

The IISD-Experimental Lakes Area is a world-renowned outdoor laboratory that has been conducting whole-lake experiments for the past 50 years, and has influenced global environmental policy from nutrient control measures to atmospheric contaminant regulation. The student will be enrolled in a PhD program in either Biotechnology or Natural Resource Management at Lakehead University. Thunder Bay is situated on the spectacular North Shore of Lake Superior with a vibrant arts and culture community.

Start date is negotiable but would ideally begin between September 2018 and May of 2019. Interested students should submit a one-page cover letter indicating their research interests and how those interests align with the position, a current CV, and a copy of unofficial transcripts.

The position is open until filled, but we will begin review of applications March 9, 2018.

For more information, please contact Dr. Michael Rennie at mrennie@lakeheadu.ca

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