

## Graduate Student Opportunities in Fish Physiology

# University of Regina

Department of Biology

The Manzon Lab at the University of Regina, Department of Biology is seeking two highly motivated and enthusiastic students to pursue M.Sc. or Ph.D. research on the physiology of stress and adaptation in freshwater fishes important to the commercial and sport fishing industries. Potential research areas include: 1) Physiology of stress and adaptation in Lake Whitefish (*Coregonus clupeaformis*) living in impacted and pristine lakes throughout Saskatchewan, 2) The long-term impacts of industrial thermal effluents on Lake Whitefish physiology, 3) Catch and release stress physiology and barotrauma in Walleye (*Sander vitreus*). Research in the Manzon Lab is integrative in nature involving field sampling and experimentation, controlled lab-based experiments as well as extensive molecular and biochemical analyses. Students will be afforded opportunities to interact with government and university researchers and to present their research findings at conferences annually.



<http://www.uregina.ca/science/biology/people/faculty-research/manzon-richard/index.html>

Candidates should have an undergraduate degree in biology or related science and excellent academic qualifications. Preference will be given to students with experience in molecular biology, physiology or fish biology. Interested students should submit a cover letter, CV, unofficial transcripts and the names of two referees to Dr. Richard Manzon ([Richard.Manzon@uregina.ca](mailto:Richard.Manzon@uregina.ca)). The positions will remain open until filled. Start dates are flexible, but to accommodate field seasons it would be ideal for students to begin between November 2016 and April 2017.