



Postdoctoral position: Molecular physiology of adaptation to thermal stress in fish

A two-year, MITACS and NSERC CRD-funded, postdoctoral position to study transcriptomic responses to embryonic and early life history thermal stress in fish is available in Dr. R. Manzon's Lab at the University of Regina. The ideal candidate will have a strong background in bioinformatics and transcriptomics and/or fish physiology and developing an understanding of how cellular responses lead to changes at the whole organism or population levels.

The successful applicant will help develop an independent research program examining the short- and long-term effects of thermal pollution on embryonic and early life history stages of Lake Whitefish using modern transcriptomic and genomics tools. Within this framework there will be ample opportunity to develop novel and independent research avenues. This position is part of a large project involving four Principal Investigators at three different institutions (Dr. C. Somers, U. Regina; Dr. J. Wilson, McMaster; Dr. D. Boreham, NSOM), several postdoctoral fellows and many graduate and undergraduate students who meet annually and work very closely with each other and our industrial partner, Bruce Power.

The Manzon research group is a dynamic, productive and very close knit group that works as a team on a variety of different research projects and are generous with their time to help others in the group. Maintaining this environment is a key priority, thus the successful candidate will be a hard-working team player who appreciates the value of helping others in the group and is willing to accept help when required. There will be opportunities for both formal and informal mentorship opportunities of graduate and undergraduate students and as such it is expected that the successful candidate will take on a leadership role in the group. Information on the Manzon group can be found at: <https://www.uregina.ca/science/biology/people/faculty-research/manzon-richard/index.html> or <https://www.facebook.com/SaskFishPhysResearch/>

Applications including a cover letter, CV, names and contact details of 3 academic references and unofficial transcripts should be sent to Dr. Richard Manzon at richard.manzon@uregina.ca. The ideal start date will be late fall of 2018, but is negotiable. Review of applications will begin August 1st, 2018 and continue until the position is filled.