

**From:** Mark Poesch  
**Subject:** Ph.D. & M.Sc. position – Freshwater fish species at risk of extinction in the Canadian Prairies

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## Ph.D. & M.Sc. – Freshwater fish species at risk of extinction in the Canadian Prairies

Enthusiastic, team oriented, and self-motivated students are encouraged to apply for a Ph.D. and MSc positions to conduct research on habitat offsetting for freshwater fishes in the Oil Sands Region of Alberta, Canada. This project will be conducted in the Fisheries and Aquatic Conservation Laboratory led by Dr. Mark Poesch at the University of Alberta, Canada. This project is a multi-disciplinary collaboration between the University of Alberta, and Fisheries Oceans Canada. Main project goals include: i) assessing swim performance of fish species at risk across hydrologic regimes, ii) developing field based studies to determine causative relationships between age and growth and other life history characteristics in relation to differing environments, and iii) using field data to develop models for the identification of critical habitat. These research projects are fully funded and will provide key insights into the management of freshwater fish species at risk. Candidates will be under the supervision of Dr. Mark Poesch but will interact regularly with scientists and team members in provincial and federal governments.

Candidates must have an appropriate level degree in Biology, Ecology, Zoology, Evolutionary Biology, or a related field. Candidate must also have with high overall GPA (especially in related courses). Experience with ecological modeling, freshwater fish ecology, database, and programming skills are considered an asset. Candidates should clearly articulate how this research will build on your existing experience, specific skills and date of availability. Candidates interested in this position should send an email to Dr. Mark Poesch (poesch(at)ualberta.ca) with cover letter identifying research interests, CV, transcripts (unofficial accepted), writing sample and a list of three references.

Please note review of applications will commence on July 2, 2018 and the competition will remain open until the position is filled. Ideal start date is September 2018, but other arrangements can be made.

The University of Alberta is rated as a top five university in Canada, and top 100 worldwide. Located in the province of Alberta's capital city, Edmonton (population of 1.2 million people), the University of Alberta provides a dynamic mixture of a large research intensive university, urban culture and recreation. More than 39,000 students from across Canada and 144 other countries participate in nearly 400 programs and 18 faculties.

### Contact Information:

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