Job Title: Field Assistant

Location: Cape Race, Newfoundland, Canada

Duration: June 10 – August 31, 2020
(possible extension to September)

Description:

We are seeking a motivated summer field research assistant to support fish sampling in Cape Race, Newfoundland. The objective of this research is to quantify the adaptive potential of brook trout populations in a warming climate, with an emphasis on long-term monitoring and field-based experiments. The fieldwork will consist of brook trout surveys via backpack electrofishing, as well as fish stocking, ecosystem sampling and routine monitoring in small experimental ponds. Long days are common (10+ hours) and the schedule can be unpredictable. Accommodations and food are provided for the duration of the fieldwork. Salary is determined by the experience of the applicant.

Qualifications:

Applicants are expected to be comfortable working outside in a remote setting and in all weather for extended periods of time. Ability to hike over rugged terrain while carrying 30lbs is essential. A background in ecology or environmental science with fieldwork experience is preferred. Previous experience with fish surveys, water quality monitoring or invertebrate sampling are assets, but not required. Electrofishing certification (Class I or II) is also an asset, but not required.

How to Apply:

Please send a cover letter, resume and contact information for two references to Brian Gallagher (brian.kenneth.gallagher@gmail.com). Applications will be accepted until March 15th or until the position is filled. Undergraduates interested in research should send an e-mail by February 1st to discuss opportunities to apply for research funding. Brian is a PhD student supervised by Dr. Dylan Fraser at Concordia University.
We are hiring a motivated undergraduate-level student or recent BSc graduate as a summer research and field assistant in northern fisheries, in our laboratory within the Department of Biology, Concordia U., Montreal, QC, Canada. The position is associated with a largescale, applied project entitled FISHES: Fostering Indigenous Small-scale fisheries for Health, Economy and food Security and involves close collaboration with Cree communities in northern Quebec.

**Application deadline:** March 15, 2020 or until the position is filled. **Duration:** May 1, 2020 – August 31, 2020. **Salary** is commensurate with experience. **Work schedule:** Research in Montreal is interspersed with fieldwork stints to the research areas in the map above. Long days (10+ hrs) are common in the field and the field schedule can be unpredictable in relation to weather conditions. Meals and accommodation are provided while in the field.

**Experience required:** Some field experience is required, preferably working with fishes (netting, handling, tagging, measuring) and/or in remote locations. Applicants should be comfortable working in remote field settings for extended periods of time. Applicants should have a keen interest in fisheries management and scientific communication and be team-oriented. Angling experience is not required for field work but is a definite asset.

**Position responsibilities:** The position is a mix of research and field work. Research: the successful candidate will review the primary and secondary literature on strategies associated with the management and conservation of harvested Brook Trout or Walleye populations by government agencies throughout North America. These strategies will be summarized in a report for the Cree Nation of Mistassini and Nibisichi Corporation to formulate recommendations for management plans for the species in Mistassini, Albanel and Waconichi Lakes, in relation to local population and harvest characteristics. Field work: assist with the sampling (gillnetting, seining, angling, processing) of Brook trout, Lake trout, and Walleye in Mistassini, Albanel and Waconichi Lakes; liaise with the Cree Nation of Mistassini.

**Application process.** All documents must be submitted to Dylan Fraser (dylan.fraser@concordia.ca):
- A cover letter demonstrating fit with the position
- Current CV demonstrating relevant experience and background
- Names/contact information for two references

You can learn more about our lab’s research at: [www.dylanfraser.com](http://www.dylanfraser.com).
**Job Title:** Field Assistant/Technician

**Location:** Banff, Kootenay, and Yoho National Parks, AB and BC, Canada

**Duration:** May 25th, 2020 – August 31st, 2020 (with possible extension to September 30th)

**Job Description:**

We are seeking a motivated undergraduate student or recent B.Sc. graduate to aid in fisheries sampling in the Canadian Rocky Mountains on an NSERC-funded research project. The objective of this project is to study the effects of fisheries-induced evolution on alpine brook trout populations. The fieldwork will involve fish sampling using fyke and gill nets from a canoe, along with backpack electrofishing. Field days can be long (10+ hours), and the schedule is unpredictable. Candidates should be available to work until August 31st, but availability until the end of September is an asset. Housing will be provided for the duration of the position; however, some camping will be involved for short periods. Transportation to and from the field site along with a weekly food stipend will also be provided. Salary will be determined based on the candidate’s experience.

**Qualifications:**

- Ability to hike long distances (5 – 15km) carrying ~50lbs of equipment
- Ability to work long field days in all weather conditions, on and around water
- Valid driver’s licence (Class 5 in most provinces)
- Previous experience working in a field setting is highly recommended
- Previous experience in fish handling, electrofishing, and fish sampling techniques are an asset, but not required

Interested applicants should send a cover letter, resume, and contact information for two references to Shannon Clarke ([Shannon.clarke@mail.concordia.ca](mailto:Shannon.clarke@mail.concordia.ca)) by March 15th, 2020. Shannon is an MSc student supervised by Dr. Dylan Fraser at Concordia University ([http://www.dylanfraser.com/](http://www.dylanfraser.com/)).