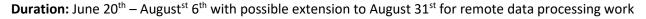


Undergraduate Field Assistant for Summer 2023 Working on Arctic Tundra Greenhouse Gas Fluxes

Location: remote research camp (Trail Valley Creek Research Station) near Inuvik, NT, Canada



Job description: The Atmosbios lab at the Université de Montréal (<u>https://atmosbios.com/research/</u>) is seeking a motivated undergraduate student or recent B.Sc. graduate to assist with biogeochemical sampling in the Canadian tundra on an ArcticNet and CINUK funded project. The goal of the project is to study the impact of permafrost thaw and increasing beaver activity on carbon and nitrogen cycling in Arctic lakes and the neighboring tundra landscape. The fieldwork will involve gas sampling on the land and from the surface of lakes, soil sampling, and water sampling both from the lake shore and from a small boat. Field days can be long (10+ hours) and the schedule is unpredictable due to weather. Research will conducted from the Trail Valley Creek Research Station located along the Inuvik-Tuktoyaktuk Highway 50km north of Inuvik, NT in the Inuvialuit Settlement Region. Candidates must be able to live at the research station for 6 weeks from June 22nd – August 6th with limited internet access. Availability until August 31st to assist with remote data management and processing is an asset but not required. The position will work closely with by Katie Bennett, a PhD student at the Université de Montréal supervised by Drs. Oliver Sonnentag and Carolina Voigt.

Qualifications:

- Proficient in English. Ability to work in Canada
- Ability to hike long distances (2 6km) on uneven terrain carrying ~30lbs of equipment
- Ability to work long field days in all weather conditions, on and around water, and sleep in a tent
- Comfortable flying in a helicopter, and working with needles
- Works well with others in a fast-paced team environment
- Wilderness First Aid certification and Canadian Firearm Safety training is required, but can be obtained after hiring
- Previous experience working in an outdoor setting or with environmental sampling techniques is a benefit

Pay: The pay for this position will be administered as a student stipend at the rate of \$1500 CAD/month. Travel to and from the field site in NT, room + board while travelling, and room + board at the field site will also be provided.

Please send a resume and paragraph explaining your interest to Katie Bennett at <u>kathryn.bennett@umontreal.ca</u> - Applications reviewed on a rolling basis





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