

FISH ECOLOGY RESEARCH ASSISTANTS

Memorial University Grenfell Campus has partnered with Qalipu First Nation to provide a summer employment opportunity for two to three Indigenous women in science, technology, engineering, or math (STEM) programs to assist with fish ecology research.

The research:

Food availability in streams influences growth and survival of young salmon. We are currently investigating environmental factors that impact the abundance and distribution of salmon food (larval aquatic insects) within and across river systems in the Bay of Islands region. The summer research assistants will assist with the collection of stream physical data as well as collection and processing of stream insect samples. The positions will require both field and lab work, so applicants should be comfortable both working outdoors around water and with using a microscope while sitting at a lab bench. No knowledge of stream habitat measurement, insect collection, or laboratory techniques is necessary since training will be provided.

Duties:

- Assist with collection of stream physical habitat variables – stream depth, current, water chemistry, substrate composition Assist with collection of biological variables – setting drift nets, assessing bank vegetation, on-site processing of insect samples
- Assist with sample processing – sorting larval insects under dissecting microscope, sample preservation, sample cataloging
- Data entry – entering physical and biological data into Excel

Details:

Eligibility: must be enrolled in (during previous semester and planning to return in the fall) a post-secondary degree/diploma program. Preference will be given to Indigenous women in STEM programs.

Duration:

32.5 hrs/week for 11-13 weeks
beginning in early to mid-June

Rate of pay: \$15.85/hr

Contact:

DR. ROBERT SCOTT

(rscott@grenfell.mun.ca)

if you have any questions about the positions.

Application:

Send a letter of interest and a current resume to:

DR. ROBERT SCOTT (rscott@grenfell.mun.ca) and

MS. ALYSSA HUNTER (ahunter@qalipu.ca)

Application deadline:

May 15th, 2022