

CARIBOU GENOMICS TECHNICIAN

The EcoGenomics (www.ecogenomicscanada.ca) research group under Principal Investigators Dr. Paul Wilson (Trent University) and Dr. Micheline Manseau (Environment & Climate Change Canada) is recruiting a 6-month limited-term, with potential for longer-term, Laboratory Technician in support of a nation-wide genomics research and monitoring project on caribou. The national network supporting this position include partnerships with Environment & Climate Change Canada (ECCC); Canadian Wildlife Service (CWS); the Ontario Ministry of Natural Resources & Forestry (OMNRF), and other provincial (e.g. Alberta, Manitoba, Saskatchewan) and territorial jurisdictions (Northwest Territories, Yukon, Nunavut); wildlife management boards and Indigenous communities (e.g. the Sahtu Wildlife Management Board); industry (e.g. MB Hydro); and funding agencies such as Genome Canada and NSERC.

The Technician position will be based out of Peterborough, Ontario at Trent University.

Key Activities: The Technician will be an integral part of a larger research team comprised of scientists, professionals, technicians, and administrative staff. As a collaborative member of this team, the Technician will participate in research that uses molecular genetic/genomic tools to improve our understanding of caribou population responses to a changing environment and landscape. Specific activities include:

1. Sample inventory and submission coordination with an established meta-database;
2. Sample preparation and DNA extraction for a range of tissue types;
3. PCR amplification to assess DNA quality/quantity and for genetic profiling; and
4. Attend and participate in Research Team meetings.

Education & Experience: The Technician position requires a minimum of a College Diploma in Biotechnology, with a BSc and former work experience being considered an asset. Candidates should demonstrate experience in understanding laboratory operations including protocols supporting DNA extraction and PCR amplification; solid note-taking skills; and good communication skills in coordinating laboratory work with database management.

Salary: \$40,000 pr year.

To apply send a cover letter and CV to Dr. Paul Wilson (pawilson@trentu.ca) no later than the September 30TH, 2023 at 5:00 p.m. Please note your full name and the job title in the subject line of your email (i.e. First and Last Name – Job Title).

