

CARIBOU GENOMICS COORDINATOR

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 full-time Caribou Genomics Coordinator for Project Management 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 Coordinator position will be based out of Peterborough, Ontario at Trent University.

Key Activities: The Coordinator 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 Coordinator will oversee a monitoring program and support 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. Oversee genomic profiling associated with caribou monitoring objectives developed with partners;
2. Communicate regularly with partners on objectives, timelines, survey design, and sample preparation;
3. Coordinate metadata and genomic profile management through an established web-based database;
4. Supervising technicians in the laboratory workflow and milestones of sample batches;
5. Reporting and presenting on genomic profiling outputs and downstream analyses;
6. Track funding, develop proposals and research agreements with ongoing and new partners;
7. Communicate internally with Trent and ECCC regarding administrative and budgeting matters;
8. Actively contribute to peer-review publication and conference presentations; and
9. Attend and participate in Research Team meetings and directly report to Drs. Wilson and Manseau.

Education & Experience: The Coordinator position requires a minimum of an MSc, with a PhD and former work experience being considered an asset. Candidates should demonstrate experience in understanding both basic and applied conservation genetic and genomic research including 1) laboratory protocols supporting DNA extraction, PCR amplification, genetic profiling and Illumina based library preparation and next generation sequencing; and 2) Project management, communication, accounting, collaborative research with a range of stakeholders; and 3) strong writing and presentation skills as evident by proposal writing, reporting, peer-reviewed publications and conference attendance.

Salary: \$60,000 - \$65,000 per year depending on qualifications.

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).

