

Employment Opportunity

Research Technician

Supervisor: Research Coordinator or designate

Date revised: October 2023

Classification: Contract (1 year, with possibility of renewal)

Applications can be submitted via email to research@churchillscience.ca. Please quote job title in cover letter or subject line.



churchillnorthernstudiescentre

The Churchill Northern Studies Centre (CNSC) is an independent, non-profit research & education facility, located 23 km outside of Churchill, MB. The CNSC facilitates scientific research and provides educational programming on the natural sciences and the environment. Successful candidates will benefit from the wide range of skills and experiences gained by working at an active research facility.

Job Title: Research Technician

Job Description

This position is field and laboratory oriented. The **Research Technician** assists with CNSC in-house research, provides logistic or field support to visiting researchers, maintains equipment inventories and biological collections, and collects data under contract to Centre clients. This position also assists the **Program Coordinator** with the delivery of general education and science programming.

Job Responsibilities

1. Field Work
 - a. Provides assistance in the field to both CNSC in-house research projects as well as visiting researchers, where required
 - b. Conducts field work for a variety of ecological and environmental research projects in the tundra, boreal forest, and Hudson Bay
2. Contract Research
 - a. Maintains remote data collection instruments that record natural phenomena such as geomagnetic flux, auroral radio emissions, air composition, or physio-optical parameters. Collects, processes, and ships biological specimens and research equipment for off-site researchers
 - b. Responds to requests for information of a scientific nature, CNSC library materials, or specimen information
3. Collections Maintenance
 - a. Inventories, safeguards, and enhances specimen collections (herbarium, bird and mammal study skins, book, journal, and reprint libraries)
 - b. Periodically updates research database (written record of researchers and summaries of their research activities)
 - c. Maintains inventory of scientific equipment and supplies
4. Outreach and Education
 - a. Assists the **Program Coordinator** with logistics, development, and delivery of CNSC education programs
 - b. Leads tidal walks, ecology tours, and tundra hikes for visitors and school groups
 - c. Other duties assigned by the **Research Coordinator** and/or designate
5. Sustainability
 - a. Assist in designated sustainability tasks such as seed planting, harvesting, and maintenance of the hydroponic 'Rocket Greens' project, when necessary

Job Requirements

The Seasonal Research Technician must be:

- a) a team player willing to work periodic long hours, on flexible schedules, for the betterment of the CNSC

- b) in excellent physical condition and prepared to work in demanding physical environments characterized by wide temperature swings, short duration of sunlight during the days, periods of intense cold and the ever-present threat of polar bears
- c) meticulous in the keeping of field notes and records
- d) comfortable communicating to, and working with, large groups
- e) capable of absorbing large amounts of natural history information in a short period of time

Minimum Qualifications

1. At least one year in a university or college program focusing on natural history (i.e., Biology, wildlife management, geography, environmental studies)
2. Superior written and verbal communication skills
3. Outdoor experience and the ability to work effectively with large groups
4. Experience with computers and common software packages (word processors, spreadsheets, graphics packages)

Additional Qualifications

1. Experience in specimen identification (plants, vertebrates, or invertebrates), snow machine operation, environmental education or naturalist experience, and a valid Firearms Possession and Acquisition License would be a definite asset.



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