



Lake Winnipeg Basin Program – Student Work Experience

Environment and Climate Change Canada (ECCC) regularly hires students through Government of Canada student employment programs such as the **Federal Student Work Experience Program (FSWEP)** and the **Post-secondary Co-operative Education/Internship Program (Co-op/Internship)**. Through the Lake Winnipeg Basin Program, ECCC will hire students to support a variety of freshwater related activities in support of ECCC's mandate.

Who can apply:	Canadian citizens. Candidates must also be enrolled (or willing to enrol) in an approved student-work experience program.
Application Deadline:	November 3rd, 2023
Location:	Winnipeg, Manitoba, anticipation of two days in the office. Full-time remote work may be considered for some positions.
Position Start Date:	January 2, 2024
Duration of Employment:	Four-month term
Hours of Work:	Full time, 37.5 hours per week (flexible hours may be considered)
Salary:	Determined by Treasury Board Secretariat – Student Rates of Pay: https://www.canada.ca/en/treasury-board-secretariat/services/pay/rates-pay/student-rates-pay.html

Available Positions: ECCC is looking to hire motivated students in a broad area of water-related disciplines for the following positions.

Policy, Planning and Support

This position will support ECCC's Lake Winnipeg Basin Program

Duties and Responsibilities:

- The candidate will provide policy, planning and program administration support for the delivery of the Lake Winnipeg Basin Program as well as related freshwater activities.
- Duties may include, but are not limited to:
 - Analyzing, reviewing, summarizing and reporting on regional water issues
 - Gathering, analyzing and synthesizing information from multiple sources to inform program implementation
 - Supporting engagement with Indigenous partners in the work of the Lake Winnipeg Basin Program
 - Creating infographics and/or story maps to showcase program accomplishments

Student Research Analyst

This position will support ECCC's Lake Winnipeg Basin Program

Duties and Responsibilities:

- The candidate will provide analytical support for the delivery of the Lake Winnipeg Basin Program as well as related freshwater activities.
- Duties may include, but are not limited to:
 - Analyzing, reviewing, summarizing and reporting on regional water issues
 - Conducting research and analysis related to water, Indigenous knowledge and/or socioeconomic factors using quantitative and qualitative methods
 - Preparing reports or other written material on analytical findings or issues related to water.
- Asset Qualifications: Experience with ESRI programs and applications, ArcMap, Dashboards and Story Maps, R and R-Studio running existing scripts and routines (no programming required), and knowledge of hydrology, water quality and the impact of human activities on aquatic ecosystems.

Aquatic Science Student Analyst

This position will support ECCC's Hudson Bay – Water Quality Monitoring & Surveillance Division

Duties and Responsibilities:

- The candidate will provide operational support for monitoring water quality and reporting on aquatic science studies in the Lake Winnipeg Basin.
- Duties may include, but are not limited to:
 - Processing water quality samples in the lab for chemical analysis
 - Using and maintaining electronic water quality meters & other technical equipment
 - Analyzing water data and biological datasets, performing calculations and summarizing findings
 - Preparing reports or other written material on analytical findings.
- Required Qualifications: Laboratory skills; experience working with environmental data.
- Asset Qualifications: Experience with R or other statistical software; knowledge of freshwater invertebrates, plankton, or algae.

Essential Qualifications and Requirements for All Positions:

The successful candidates will demonstrate aptitude in the following areas:

- Knowledge of the role of Environment and Climate Change Canada related to freshwater water issues.
- Strong technical communication skills, ability to analyze and synthesize data.
- Experience with Microsoft-based programs (Word, Excel, Outlook and PowerPoint).
- Knowledge of water quality science and environmental issues.
- Communicate effectively (orally and in writing).

Personal Suitability

- Initiative, judgement, reliability and effective interpersonal skills.

Conditions of Employment

- Candidates will be required to pass all relevant security clearances for the position to be staffed.
- Required for fieldwork: Valid driver's license and pre-employment medical.

Language Proficiency: English essential.

To Apply: Email your resume, cover letter (indicating which position you are applying for) and 2-3 references to: Michelle.Duval@ec.gc.ca

You must also confirm that you are enrolled in an approved student work experience program, and that you will be returning to school the following term. We would also appreciate a copy of your most recent transcript, or alternatively, in your cover letter, please include a list of courses that you feel are of greatest relevance to the position you are applying for.

Only qualified candidates will be invited for an interview.