



Summer Student Employment Posting

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| Department | School of Engineering, Technology |
| Job Title | Let's Talk Science coordinator / Sustainability Research Assistant |
| Vacancies | 3 |
| Pay Rate | \$17.20 per hour |
| Job Start Date | May 5, 2025 |
| Job End Date | August 29, 2025 |
| Program Related | |
| Deadline | March 2, 2025 |
| Hours | 35 |

- Qualifications:**
- Must be a full-time post-secondary student at Confederation College in the 2024-2025 academic year (minimum – attending entire winter 2025 semester). Full-time is defined as having a minimum 60% course load, or 40% if you have a permanent disability.
 - Must be returning to Confederation College as a full-time post-secondary student in September 2025
 - Must be a Canadian citizen, permanent resident protected person, or an international student who is legally eligible to work in Canada.
 - If domestic, must be approved for OSAP, or complete the [needs score spreadsheet](#) to demonstrate a financial need
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Let's Talk Science qualifications:

Knowledge/experience working with Let's Talk Science, excellent communication skills and a passion for working/engaging kids in STEM (Science Technology Engineering Math) activities; valid Ontario Driver's license; must have a Police Vulnerable Record check completed for working with children; ability to organize and manage all planned activities and perform coordinating duties as per Let's Talk Science requirements; attend the Let's Talk Science national conference in June (paid entirely by Let's Talk Science) for specialized training and collaboration with coordinators from across Canada.

Research Assistant additional qualifications:

Environmental Technician student preferred as the position involves: sampling, organizing and analyzing environmental data (water quality samples); using, calibrating, and retrieving data from water quality sampling equipment; working in the Environmental Technician Chemistry laboratory (must have experience/knowledge of the lab equipment and recent WHMIS training); working in

compliance with Quality Control/Quality Assurance protocols and Health and Safety as it pertains to the environmental field (ie. have PPE and field work training); Forestry Technician student, or other students with relevant experience will also be considered.

Duties:

Let's Talk Science Site Coordinator duties:

Let's Talk Science is a national charitable organization that works collaboratively through colleges and universities across Canada. It involves community and school educational outreach. The program's main objective is to engage children and youth in quality learning experiences involving that develop their interest in science, engineering, technology and Math (STEM). A large focus of the program is to deliver activities to Indigenous youth in rural/remote regions of Northern Ontario.

Let's Talk Science at Confederation College reached out to more than 3000 youth in 2024 with a majority of those contacts occurring from May – August (with a particular focus on community and regional partnerships and engagement). This project, in agreement with Let's Talk Science and the college, requires that the college support the program through the hiring of student coordinators. Let's Talk Science has committed funding to the college's site as part of the agreement – these funds (not for coordinator stipends) support the supplies, project development costs, and any outreach costs (travel, insurance, etc.) incurred to meet the project goals. As a result, the college benefits greatly from this continued relationship (has now been 15 years with more than 30,000 outreach contacts during that time with more than \$60,000 provided by Let's Talk Science).

These positions will continue the commitments in place with existing partnerships for educational programming throughout the summer and planning for the next school year with community partners (including School College Work Initiatives). Other community partners include local district school boards, City of Thunder Bay community programming, Lakehead Region Conservation Authority, EcoSuperior day camps (outdoors), Science North, Camp Quality, science outreach to communities in NW Ontario as requested/possible and other rural/remote outreach to indigenous communities in the region. These positions will support the development of educational outreach (development of kits, outreach engagement, etc.) These positions will organize and deliver engaging activities for the college's "Career Sampler" summer camp for natural resources and technology in July, 2025 as they did for 2022 and 2023.

Research Assistant duties:

this position will work with Sandra Stiles, the college's project lead for the work being done to advance the college's Sustainability Plan objectives. Work is ongoing for the riparian zone rehabilitation project on campus which encompasses approximately 10 hectares of space previously mowed- including continued plantings in the diversity/pollinator and indigenous plants gardens. The summer work also involves continuing with the established guidelines of the long-term project goals in terms of field sampling and will include

- Collecting water quality samples from the McIntyre River
- Planting and maintaining the existing Low Impact Development sites and rain gardens on campus and assisting with stormwater management facility maintenance

- Collecting and planting cuttings for shrub propagation, dividing/cultivating perennial plants for use in rain gardens and the restoration zone on campus
- Supporting other ongoing applied research projects collaborative with StudioCity and other stakeholders including the Heat Island assessment project with the City of Thunder Bay

Health & Safety Considerations: Current WHMIS certificate, ability to work in the college's Environmental Technician Chemistry laboratory following standard protocols and safe work practices, physically able to assist in the construction/maintenance of the LID sites on campus and the riparian zone restoration (digging, planting, etc..) and have fundamental knowledge in field sampling techniques to take water samples from sample locations on the McIntyre River;