

NRC - Aquatic and Crop Resource Development Research Centre (ACRD)

Student Job Title	Summer Student/Co-op Position: Chemistry/Chemical Engineering Assistant for High-Pressure Reactor Commissioning and Testing
Location	ACRD (based in Halifax, with periodic work in Ketch Harbour)
Length of Term	Student work terms last for approximately sixteen weeks (four months) based on a schedule of 37.5 hours per week.
The NRC/ Aquatic and Crop Resource Development Research Centre	<p>The National Research Council (NRC) is the Government of Canada's largest research organization supporting industrial innovation, the advancement of knowledge and technology development. It represents a powerful partnering option for anyone looking to push the boundaries of science and industry.</p> <p>The NRC's Aquatic and Crop Resource Development Research Centre helps clients to sustainably convert Canada's natural resources into value-added and sustainable products that offer economic benefits and competitive advantages in global markets. We work directly with clients to realize technological advances with aquatic and crop resources destined for natural health products, foods and beverages, fibres, bioenergy, bioremediation, bio-based chemicals and other bio-product sectors. Whether the products are derived from oilseeds, seafood, fruits, algae, grains or biomass waste, our team contributes to their success.</p>
Your Challenge	As a student joining NRC ACRD, you will undertake career-related projects in an engaging and intellectually-stimulating environment working alongside leading scientists who are passionate about the betterment of the environment.
Job Responsibilities	<ul style="list-style-type: none"> - Assist with the commissioning and initial testing of a new high-pressure reactor. - Conduct sample preparation for Subcritical Water Extraction (SWE) of amino acids/fatty acids from salmon processing by-products. - Provide assistance with the operation of the high-pressure reactor for client-driven projects. - Collaborate with team members to ensure project deadlines and objectives are met. - Contribute time and assistance to research activities at the Marine Research Station in Ketch Harbour, as required.

Required Skills	<ul style="list-style-type: none"> - Currently enrolled in a Chemistry, Chemical Engineering, or related program at a recognized institution. - Experience working with high-pressure reactors is highly desirable. - Some analytical chemistry skills and strong attention to detail. - Ability to work both independently and as part of a team. - Excellent written and verbal communication skills.
Targeted Degrees and Disciplines	Chemistry/Chemical Engineering
Who is Eligible	<p>You are eligible for the NRC Co-op Program if you attend a Canadian university/college, are enrolled in a recognized co-op program, possess a minimum of a B average and are a Canadian citizen or a permanent resident of Canada.</p> <p>Alternatively, foreign national students who meet the eligibility requirements, are studying in a recognised and eligible Canadian educational institution and possess a valid Co-op Work Permit may also apply.</p>
Condition of Employment:	Security clearance at the reliability level
Salary Range	<p>Co-op Program Students: NRC offers competitive salaries to co-op students based on the number of work terms which have been completed. The weekly rate of pay ranges from \$801 to \$1064 for 37.5 hour work week.</p> <p>Students (non-co-op program): Salaries are determined based on the number of academic semesters a student has successfully completed. From \$600 to \$1299 for 37.5 hour work week.</p> <p>The NRC also reimburses students the cost of their travel expenses to and from their employment centre from their education institution.</p>
Application Requirements	<p>Please include the following documents with your application:</p> <ul style="list-style-type: none"> • Resume • Most recent university/college transcript (unofficial is sufficient)

	<p>Applications can be sent to: Laleh.Nazari@nrc-cnrc.gc.ca</p> <p>Closing date for applications is <u>7 April 2024</u>.</p>
Notes	<p>The NRC is committed to the principles of employment equity and to achieving a workforce that is representative of the Canadian population. We encourage candidates to self-identify if they are an aboriginal person, a member of a visible minority group, a person with a disability or a woman.</p> <p>We are committed to inclusive, barrier-free recruitment processes and work environments. If you require an accommodation in order to participate in the hiring process, please inform us in advance to make your needs known. Information received relating to accommodation measures will be addressed confidentially.</p> <p>Priority may be given to the following designated employment equity groups: Women, Indigenous peoples* (First Nations, Inuit and Métis), persons with disabilities and racialized persons.</p> <p>* The Employment Equity Act, which is under review, uses the terminology Aboriginal peoples and visible minorities.</p> <p>We thank all students for showing interest in working at NRC ACRD; however, only selected candidates will be contacted.</p>