

JOB POSTING – GREENHOUSE & HORTICULTURE RESEARCH ASSISTANT

JOB TITLE:	Greenhouse & Horticulture Research Assistant
STATUS:	PART-TIME (UP TO 15 HOURS PER WEEK)
DEPARTMENT:	Research & Innovation – Horticultural & Environmental Sciences Innovation Centre
Campus:	Daniel J. Patterson, Niagara-on-the-Lake
PAY:	\$16.74 per hour
CONTRACT TERM:	OCTOBER 2023 – DEC 31 2023
# OF POSITIONS:	1

The role of Niagara College Research & Innovation is to provide real-world solutions for business, industry and the community through applied research and knowledge transfer activities. Niagara College's [Horticultural & Environmental Sciences Innovation Centre](#) specializes in performing growth trials with horticultural crops that evaluate innovations and improvements. Our team works with subject matter experts and students from several programs, including Greenhouse Technician (Co-op), Horticultural Technician (Co-op), Commercial Cannabis Production, Commercial Beekeeping, Landscape Technician and Environmental Technician, to provide a wealth of knowledge to industry partners, giving them a competitive advance in researching solutions.

Job Description

Reporting to the Manager, Research Program, the Research Assistant will work with Research and Faculty leads, as well as the Research Laboratory Technologist, to assist with overseeing and establishing research experiments, to maintain plant growth, apply fertilizers/irrigation, etc., and to assess and measure plants both pre and postharvest. The successful candidate will collect data from the growing trials and will help to prepare update reports on project progress, as well as a final report and presentation summarizing the project results.

Education

Current student of the Niagara College Greenhouse Technician, Horticulture Technician, Landscape Technician or Environmental Technician program.

Competency Areas

- Growing plants in a greenhouse environment (herbs/vegetables/floral, etc. – project dependent)
- Data collection (shoot length, lighting, wet and dry mass, etc.)
- Report writing
- Troubleshooting growth issues
- Initiative in completing assigned tasks and proactive with issues that arise
- Ability to work with directions and minimal direct supervision
- Research experience is an asset

Duties & Responsibilities

- Carefully observe plant growth progress
- Take regular measurements and careful notes on plant growth progress
- Review and provide input on watering, lighting, and nutrient needs
- Utilize sensors to understand plant growth and lighting
- Collaboratively work with a Research Lead, Research Laboratory Technologist and Research Program Manager
- Regularly meet with the project team
- Assist with data analysis and report writing
- Access to a vehicle and the ability to travel to off-campus greenhouses is required

Email your resume, cover letter, transcript and class schedule to researchjobs@niagaracollege.ca by 12:00 pm on **Friday, September 29, 2023** and reference posting "Greenhouse & Horticulture Research Assistant".

We appreciate all applications received, however only those candidates selected for an interview will be contacted.