

JOB POSTING

JOB TITLE:	Greenhouse Research Assistant
STATUS:	SUMMER, PART-TIME (UP TO 24 HOURS PER WEEK)
DEPARTMENT:	Research & Innovation – Agriculture & Environmental Technologies Innovation Centre
Campus:	Daniel J. Patterson, Niagara-on-the-Lake
PAY:	\$14.42 per hour
CONTRACT TERM:	APRIL 19 TH , 2021 – SEPTEMBER 23 RD , 2021
# 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 Agriculture & Environmental Technologies Innovation Centre team works with private and public sector partners to develop innovative solutions to address today's challenges in greenhouse operations, horticultural practices, precision agriculture, sustainable food production, plant growth, aquaponics, environmental management and renewable energies.

Job Description

Reporting to the Research Project Manager for the Agriculture & Environmental Technologies Innovation Centre, the Research Assistant will work with Research and Faculty leads, as well as the Greenhouse 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 or Horticulture 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

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 Project 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 **Thursday, April 1, 2021** and reference posting Greenhouse Research Assistant. We appreciate all applications received, however only those candidates selected for an interview will be contacted.