

Graduate Student

Vineland Research and Innovation Centre (Vineland) is recruiting for a M.Sc. or Ph.D. student position that is available immediately for three years at the Vineland Research and Innovation Centre. You will be joining a highly-skilled research team, with oversight from an independent Board of Directors, engagement from an international Science Advisory Committee and collaboration with more than 160 global partners. Vineland's goal is to enhance Canadian growers' commercial success through results-oriented innovation. We are an independent, not-for-profit horticulture research organization funded in part by Growing Forward 2.

The candidate will be involved in a project titled "Development of wireless sensing and decision support systems". This project is intended to develop sensor (e.g., soil moisture sensor, imaging system) –based feedback control systems to automate greenhouse plant irrigation, fertilization and some other crop management practices. The successful candidate will work under the supervision of Dr. Youbin Zheng (<http://www.uoguelph.ca/ses/users/yzheng>) and Dr. Gideon Avigad on the Vineland campus, and at the same time will be registered as a graduate student in the School of Environmental Sciences, University of Guelph.

KEY DUTIES AND RESPONSIBILITIES:

Conduct experiments (both on the Vineland campus and at commercial greenhouses), collect and analyze data, write reports, manuscripts and thesis. The student will be responsible for daily management of the plants involved in this research project; working with engineers/researchers in Vineland and from other academic and industry-partner organisations in the field of imaging system, mechanic and computer engineering. Driving from Vineland to different commercial greenhouses to conduct research and to the University of Guelph for course work is needed; therefore a clean Ontario driver's license is essential.

QUALIFICATIONS AND COMPETENCIES:

- Candidates should have completed her/his BSc. or a M.Sc. in plant biology, soil science, horticulture, or a related discipline, and have some training or working experience in plant physiology/biochemistry.
- The candidate also needs to be accepted by the graduate program of the School of Environmental Sciences, University of Guelph. For information related to graduate study at the University of Guelph, please contact the graduate secretary, School of Environmental Sciences. Phone: [519-824-4120](tel:519-824-4120), Ext. 53937; email, ses.gradsec@uoguelph.ca.
- Preference will be given to Canadian citizens or permanent residents.

Location:

Vineland Research and Innovation Centre
4890 Victoria Avenue North, Vineland Station, Ontario, Canada, L0R 2E0

Start Date: Oct 15, 2015

Term of Appointment: Oct 15, 2015 – Dec 30, 2018

Include:

- A cover letter stating your qualifications and research interests
- Résumé and contact information of three references.
- Copies of transcripts

Please submit your application in confidence to the attention of:

Recruitment Office
E-mail: careers@vinelandresearch.com
Vineland Research and Innovation Centre
4890 Victoria Avenue North, Box 4000
Vineland Station, Ontario, Canada, L0R 2E0

Please note that this location is not accessible by public transportation

You will receive confirmation that your application has been received. Only those chosen for an interview will be contacted.

For more information on Vineland Research and Innovation Centre please visit us at www.vinelandresearch.com