

**DALHOUSIE UNIVERSITY
FACULTY OF AGRICULTURE**

Ph.D. Graduate Student Assistantship

Project: Characterization of Potato Late Blight pathogen (*Phytophthora infestans*) in Canada and its implication in management of the disease

Supervisor: Dr. Balakrishnan Prithiviraj, Department of Environmental Sciences, Faculty of Agriculture, Dalhousie University / Dr. Khalil I. Al-Mughrabi, Ph.D., P.Ag., Pathologist, Potato Development Centre, New Brunswick Department of Agriculture, Aquaculture and Fisheries.

Location: Truro, Nova Scotia, Canada

Project: The overall object of this project is biochemical and genetic characterization of strains of the potato late blight pathogen *Phytophthora infestans* in Canada. The sensitivity of different strains of *P. infestans* to fungicides will be studied with emphasis on the mechanism(s) of fungicide resistance. This is a collaborative project that will involve scientists from University, Agriculture AgriFood Canada and Provincial government across Canada.

Qualifications: Applicants must have a M.Sc. in Plant Pathology, Microbiology, biochemistry or related discipline and meet all the admission requirements to the Ph.D. program.

Starting Date: Successful candidate will register for Fall 2019 term (However, he/she can start work during summer 2019)

Stipend: \$28,000/year.

To Apply: For admissions information and application, refer to the following website:

<http://www.dal.ca/faculty/agriculture/programs/graduate-studies.html>

Send supplementary application materials, e.g. CV, letter of intent and transcripts (**also application and references if not applying online**) directly to: Graduate Secretary, Dalhousie University, Faculty of Agriculture, 62 Cumming Drive, Truro, NS B2N 5E3, CANADA.
e-mail: gradadmissions.agr@dal.ca

For further information about the research project, contact Dr. Balakrishnan Prithiviraj (bprithiviraj@dal.ca)