

Postdoctoral Fellowship - Canola Pathology/Physiology

Location: Truro-Bible Hill

Competition #: 11-042CH-CB

Nova Scotia Agricultural College (NSAC; <http://nsac.ca>) is a small research-intensive university located in the centre of beautiful Nova Scotia at Truro-Bible Hill. Offering technical, undergraduate and graduate programs in agriculture and its related life and social science disciplines, NSAC educates future leaders and generates knowledge and solutions for healthy, sustainable societies. NSAC seeks candidates to fill the position of Postdoctoral Fellowship - Canola Pathology/Physiology. This is part of a large collaborative effort between NSAC, McGill University, University of Guelph, University of Manitoba, Agriculture and Agri-Food Canada and industry partners.

Duties:

The Postdoctoral Fellow will take a leadership role for an animal science section of the Marine Bioproducts Research Laboratory. A number of marine bio-products including those from seaweeds and marine invertebrates are used in agriculture. These products promote plant growth and impart biotic and abiotic stress tolerance in plants. These beneficial effects are a result of a coordinated biochemical and molecular changes in the plant elicited by these marine bio-products. The successful candidate will investigate the effect of marine bio-products on (i.) eliciting inducing resistance in canola against stem rot caused by *Sclerotinia sclerotiorum* and (ii.) quantity and quality of canola oil. Research responsibilities will include data collection and analysis, writing reports, proposals and manuscripts, and performing experiments and supervising technical staff and students at the undergraduate and graduate levels. The successful candidate will be expected to demonstrate research productivity through publication in relevant refereed journals and through dissemination of results at scientific and industry meetings.

The Postdoctoral Fellow will collaborate with industry partners and researchers from other provincial and federal government institutions. The successful candidate is expected to assume a role in research, technology transfer, and undergraduate and graduate student training. The applicant will be expected to maintain an open and active relationship with the contributing partners of this initiative.

This is an opportunity for an independent graduate of a Ph.D. program to develop research, teaching, and management skills important to an academic career.

Qualifications:

Applicants must have a Ph.D. degree in Plant Science, Molecular biology, Biochemistry or Microbiology. Demonstrated skills in scientific methodologies, standard molecular techniques and publications in peer-reviewed scientific journals are also required. Proven ability in interpersonal, written and verbal communication skills is necessary. The selected candidate must be able to work independently and as part of a multi-disciplinary team. He/she will be expected to be innovative, creative, and solutions-oriented with a high level of integrity.

Salary Range: Commensurate with education and experience

Closing Date: August 18, 2011

Please Note: This position is for approximately two years with possibility of renewal based on performance and funding.

Please quote competition #11-042CH-CB in your cover letter and, if sending via e-mail, in the subject line when applying, and forward to

Nova Scotia Agricultural College

Human Resources Consultant

PO Box 550, Truro, NS, Canada

B2N 5E3

Fax: 902-896-7078

E-mail: NSAC-JobApps@gov.ns.ca

Submissions must be received by midnight on August 18, 2011.

For more information about the position, please contact: Dr. B. Prithiviraj -- Department of Environmental Sciences, NSAC, Truro, NS B2N 5E3, (902)893-6643, or via e-mail:

bprithiviraj@nsac.ca.

All qualified candidates are encouraged to apply; however, Canadian Citizens and Permanent Residents will be given priority. NSAC is committed to the principle of employment equity. All applicants who are members of an Employment Equity group are encouraged to self-identify.

We thank all applicants for their interest, however, only those selected for an interview will be contacted.