



Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/07/18

POST-DOCTORAL FELLOWSHIP, DEPARTMENT OF BIOLOGY

Job ID	62880-6266	
Web Address	https://careers.indigenous.link/viewjob?jobname=62880-6266	
Company	McMaster University	
Location	Hamilton, ON	
Date Posted	From: 2024-06-04	To: 2050-01-01
Job	Type: Full-time	Category: Education

Description

The SyM3 Lab in the Biology Department at McMaster University is looking for a highly motivated postdoctoral researcher to isolate, characterize, and select for plant-growth promoting microbes from soils across Ontario. The chosen candidate will work alongside graduate and undergraduate students in the lab, as well as be part of a larger collaborative network of academic and industry partners with a shared goal to develop beneficial inoculants that improve Canadian crop growth and resiliency (<https://live.wp3.its.queensu.ca/tbpwww/>). For this project, the candidate will initially assist with microbial strain characterization (genomic and phenotypic). They will then design and implement an evolution experiment in which synthetic microbial populations will be constructed and passaged with the same or rotating host crop species (peas, wheat, canola, barley). They will use a combination of metagenomic and whole-genome sequencing approaches to identify generalist strains (and the underlying genomic variants) that benefit a wider range of host species. The candidate will be required to meet specific project milestones within the timeframe allotted, but also be given the opportunity to design additional experiments and gain professional development skills that align with their future career goals. Qualifications:

- PhD in a field relevant to microbial ecology and evolution, microbiology, or plant-microbe interactions.
- Experience with one or more of the following: aseptic technique, bacterial cultivation, plant cultivation, genomic analyses
- Publications in peer-reviewed journals
- Works well as part of a team, as well as individually
- Leadership qualities: willingness to work with and train grad and undergraduate researchers

Application Procedure: Please forward: 1) a cover letter that addresses fit to the position and how the position could help the candidate achieve their short and long term career goals; 2) a complete CV, and 3) contact information for three professional references. Please submit your application by the deadline: August 1, 2024.

For more information, visit McMaster University for POST-DOCTORAL FELLOWSHIP, DEPARTMENT OF BIOLOGY