



# 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.

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# Job Board Posting



Careers.Indigenous.Link

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## POSTDOCTORAL FELLOW POSITION IN III-V EPITAXY

<b>Job ID</b>	<b>55135-3799</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=55135-3799">https://careers.indigenous.link/viewjob?jobname=55135-3799</a>	
<b>Company</b>	McMaster University	
<b>Location</b>	Hamilton, ON	
<b>Date Posted</b>	From: 2023-05-17	To: 2050-01-01
<b>Job</b>	Type: Full-time	Category: Education

### Description

Postdoctoral fellow position in III-V epitaxy. Prof. Ray LaPierre's research group in the Department of Engineering Physics at McMaster University is seeking to hire a postdoctoral fellow (PDF) to investigate molecular beam epitaxy (MBE) and metalorganic chemical vapor deposition (MOCVD) of III-V materials and nanostructures for optoelectronic applications. The PDF will be responsible for the operation of an SVT Associates gas source MBE system and/or a Structured Materials Industries (SMI) MOCVD reactor. Current III-V growth activities being pursued in Dr. LaPierre's research lab include semiconductor nanowire growth and device fabrication for betavoltaics, multispectral photodetectors, and thermoelectrics. The PDF will be expected to carry out research relating to one or more of these topics and will collaborate with and support graduate students. The MOCVD and MBE facilities are in the Centre for Emerging Device Technologies (CEDT) at McMaster University. The PDF will also use the world-class electron microscopy facilities of the Canadian Centre for Electron Microscopy (CCEM), the McMaster Analytical X-ray Diffraction Facility (MAX) and the Brockhouse Institute for Materials Research (BIMR). McMaster University is Canada's most research-intensive university and is located in the vibrant city of Hamilton. The city is located on the shores of Lake Ontario and is part of the Greater Toronto and Hamilton Area, a multicultural metropolitan area with a combined population of over seven million—the largest in Canada. The applicant is expected to have a PhD in Engineering, Physics, Materials Science or a related discipline, and to have experience in epitaxial growth of III-V semiconductors and device fabrication. Additional experience in optical/structural characterization would be valued. The appointment will initially be for one year, with the possibility of renewal. The preferred start date is September 2023. Applicants should submit a cover letter, CV, list of publications and the names and contact information of three references. Applications will be reviewed as they are received. Salary will be commensurate with qualifications and experience.

For more information, visit McMaster University for POSTDOCTORAL FELLOW POSITION IN III-V EPITAXY