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:
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Keewatin, ON P0X 1C0

Bioinformatician II

Job ID	**05-17-0F-30-23-53**		
Web Address	https://careers.indigenous.link/viewjob?jobname=05-17-0F-30-23-53		
Company	Ontario Institute For Cancer Research		
Location	Toronto, Ontario		
Date Posted	From: 2024-02-13	To:	2024-08-11
Job	Type: Full-time	Category:	Miscellaneous
Languages	English		

Description

The Ontario Institute for Cancer Research (OICR) Genomics Program is seeking a Bioinformatician for the Cancer Genome Interpretation group, part of Genome Sequence Informatics (GSI) and OICR-PM Joint Genomics Program (https://genomics.oicr.on.ca/).

The Cancer Genome Interpretation (CGI) group is a team of bioinformaticians developing analytic approaches for reporting clinical genomic data. The ideal candidate will have proven skills in both genome biology and bioinformatic analysis. The Bioinformatician will collate sequencing results from clinical cases, identify and provide details on clinically actionable variation, and draft clinical reports for review by a board-certified Geneticist. In addition, the Bioinformatician will develop and validate new cancer genome analysis approaches to incorporate into our suite of CAP- and IQMH-clinically accredited assays.

OICR is Ontario's cancer research institute. We bring together people from across the province and around the world to improve the lives of everyone affected by cancer. We take on the biggest challenges in cancer research and deliver real-world solutions to find cancer earlier and treat it more effectively. We are committed to helping people living with cancer, as well as future generations, live longer and healthier lives.

Launched in December 2005, OICR is an independent institute funded by the Government of Ontario through the Ministry of Colleges and Universities.

Position responsibilities include:

Interrogating tumour genomes for clinically reportable and actionable variation that can be used in clinical trials.

Preparing clinical reports for sign-off by Canadian College of Medical Geneticist (CCMG) board-certified Geneticists.

Researching and developing cutting-edge techniques and software for future incorporation into the clinical bioinformatics pipeline.

Developing tools/software to evaluate performance and statistical validation of clinical sequencing data.

Investigating clinical applications of newer laboratory and computational techniques (fragmentomics, mutational signatures, immune inference).

Writing detailed documents describing results of investigations, assay validations, proficiency testing, analysis and laboratory protocols, and standard operating procedures for clinical assays and accreditation.

Qualifications:

Master's (MSc) in related discipline, with demonstrated experience in a scientific discipline, preferably in bioinformatics, oncology, genetics, molecular biology or equivalent education or work experience.

Demonstrated experience interpreting data generated from best-practice pipelines for analyzing NGS data, such as variant calling pipelines for genome and transcriptome sequencing.

Knowledge of NGS data processing tools (samtools, GATK, IGV, etc).

Proficiency working with large-scale datasets in a Unix environment.

Proficiency with a scripting and/or statistical analysis language is preferred (Python, R).

Must have excellent written communication and interpersonal skills.

For more information about OICR, please visit the website at www.oicr.on.ca.

To learn more about working at OICR, visit our career page.

CLOSING DATE: Until Filled

How to Apply

Click "Apply Now" If you are interested in being considered for this position,

OICR is committed to fostering a climate of equity, diversity, inclusion, and accessibility. This commitment is central to, and mutually supportive of, our research excellence mandate. We welcome and respect the diversity of all members of our community and we support an inclusive culture for all. We welcome all applicants, and encourage applications from racialized persons, Indigenous Peoples, women, persons with disabilities, LGBTQ2S persons, and others who may contribute to furthering a diversity of ideas within our community. OICR is committed to fair assessment of a candidate's abilities, and consideration for diversity of thought, method, and experience. Providing an accessible workplace and recruitment process is important to us, as described in our Accessibility Plan (https://oicr.on.ca/accessibility/). Should you require accommodation during any stage in the recruitment process, please complete the form at the bottom of page https://oicr.on.ca/careers/. Information received related to accommodation will be handled confidentially.

The Ontario Institute for Cancer Research thanks all applicants. However, only those under consideration will be contacted.

Resume Format: If you elect to apply, you will need a text or HTML version of your resume so that you can cut and paste it into the application box provided. Before you submit the completed application, you will be asked to attach one or two files to your application. Please attach your resume as a .pdf or .doc file.