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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Toll Free Fax: (877) 825-7564
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DATA ANALYST - DR. MURACA (TEMPORARY/CASUAL)

Job ID	**52310-4971**		
Web Address	https://careers.indigenous.link/viewjob?jobname=52310-4971		
Company	McMaster University		
Location	Hamilton, ON		
Date Posted	From: 2023-01-25	To: 2050-01-01	
Job	Type: Full-time	Category: Education	

Description

Job Title   Data AnalystInterim Job Code   INT017 Pay Grid
TemporaryPay Grade   Level 3Dates   March 2023 - March
2024Hours   Approximately 10 weekly (casual)About the Faculty:McMaster
University's Faculty of Health Sciences trains physicians, nurses, physiotherapists,
occupational therapists, health care researchers, physician assistants and midwives to work
together in teams, providing the finest patient care. Our pioneering education advances and our
excellence in world-class research has consistently placed McMaster among the top 50 universities
in the world for health and medicine.About the Department:The McMaster University Department of
Obstetrics and Gynecology is a large multi-site department with over 100 Geographic full-time,
part-time clinical and adjunct faculty located at two fully-affiliated teaching hospitals, community
teaching hospitals and other distributed education sites. We are committed to providing excellent
educational programs, leading edge basic science and health-care research and the highest quality
in patient care. Our mission is education, research and effective care for women. We believe
operating in a service-oriented and support modelAbout the Role:The Data Analyst is responsible for
the analysis and reporting of quantitative data for research projects using statistics, programming,
and visualization techniques under the direction of a Principal Investigator. Job Summary:Perform
data linkages and statistical/epidemiologic analyses using population-based datasets and
preparation/presentation of those analyses in different formats (tables, graphs, reports,
slides).Accountabilities:1.   Create analytical study cohorts using statistical software to link,
clean, analyze and interpret large administrative health datasets (CIHI Datasets: e.g., DAD, NACRS;
Provincial perinatal registries: e.g., BORN Ontario, BC Perinatal Database; Statistics Canada data
holdings: e.g., Census data, T1FF).2.   Extract, reformat and perform quantitative analysis using
data from open-source repositories (e.g., US NCHS Birth Cohort Linked Birth – Infant Death
Data Files).3.   Summarize descriptive statistics of study cohorts in manuscript-quality tables.4.
     Identify, analyze, and interpret trends and patterns in complex data sets. Visualize and present
findings to the research team.5.   Build statistical/epidemiologic models under the direction of the
Principal Investigator with the application of a variety of methods, for e.g., regression (linear, logistic,
log-binomial, modified Poisson, etc.), ecologic models survival analysis, matching methods,
time-series analysis, propensity score methods, additive and multiplicative interaction (e.g. RERI),
quantitative bias analysis, mediation analysis, etc.6.   Report/tabulate results from epidemiologic

models (absolute and relative measures of association) required for the preparation of scientific papers and abstracts. 7.　　Familiarity with statistical programming resources to support the application of novel methods.8.　　Collaborate with research team members to support grant applications, research project proposals and data requests with sample size/power calculations, preliminary data analyses, and clarifying data elements needed for research projects.9.　　Ensure all processes for storing and sharing research material are handled in accordance with established protocols, policies and procedures. 10.　　Ensure accurate and detailed documentation concerning how and why analysis decisions are made throughout the course of a research project and maintaining/organizing analysis outputs.11.　　Perform other related duties as assigned by supervisor.Qualifications:Education: Completed a graduate degree in epidemiology, biostatistics, data science, or a relevant graduate degree. Experience: Minimum of 2 years’ experience. Assets:State the skills and/or knowledge that a successful candidate would possess. • Experience with CIHI Datasets: e.g. DAD, NACRS; Provincial datasets: e.g., BORN Ontario, BC Perinatal Database.•　　Experience working with Statistics Canada data at a Research Data Centre.•　　Experience with US NCHS Birth Cohort Linked Birth – Infant Death Data Files.•　　Familiarity/previous application of a variety of statistical methods such as regression (linear, logistic, log-binomial, modified Poisson), survival analysis, time-series analysis, propensity score methods, ecological models, quantitative bias analysis, additive and multiplicative interaction (RERI), mediation analysis, spline functions. Additional Information:The successful candidate will be joining a vibrant and highly productive research team and contributing to projects with direct impact on improving the health and well-being of pregnant individuals and babies. The successful candidate will be working within a fast-paced, multi-tasking, busy office environment. The ability to make quick decisions, exercise tact, diplomacy and exceptional judgement skills are a necessity for success in this role.Please note that we will only communicate with candidates who are chosen for a preselection test or for an interview. We will ONLY be considering applications who upload their Cover Letter and Resume through the McMaster Careers website.Additional supporting documentation is welcomed. Please note this is the only channel we will be accepting applications through; your application will not beconsidered if you apply through external job boards.

For more information, visit McMaster University for DATA ANALYST - DR. MURACA (TEMPORARY/CASUAL)