Faculty of Human & Social Development | School of Public Health & Social Policy
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PUBLIC HEALTH DATA ANALYST or EPIDEMIOLOGIST

Job Title: Public Health Data Analyst or Epidemiologist

Location: remote, anywhere in Canada; asset if able to work in-person at UVic campus, Victoria, BC

Hours: The position is full-time (30 to 37.5 hours/week). Generally, work hours are flexible, but you would be expected to be available for co-working time and a few meetings per week during regular business hours (9am-5pm PST) Monday to Friday.

Term: Flexible, but ideally you would start as soon as possible (October 1, 2022). Your initial contract will go until September 30, 2023 (12 months), with possibility of renewal.

Pay range: Your hourly rate would be $28-$33/hour depending on your level of training and years of work experience.

Description: Reporting to Dr. Nathan Lachowsky (me), you would provide population health research data management and analysis support for numerous quantitative projects under development and being implemented. You would be responsible for ongoing management and analysis of research data, obtained from participant surveys and biological specimen testing. You will enhance and implement analytic protocols as well as analyze these data from conceptualization through written presentation for academic, policy/government, and community audiences. You must be knowledgeable of quantitative study design, data analysis methodology, and statistics as well as proficient with analytical software (Stata/R/SAS/SPSS, Excel).

As an Associate Professor in the School of Public Health and Social Policy, I have a vibrant and dynamic program of research focused on community-based health equity research. Our team focuses on empowerment of and social justice for marginalized communities such as 2SLGBTQ+ people, Indigenous and ethnoracialized minorities, and those living with and affected by HIV, Hep C, and STIs. We're looking to support enthusiastic folks from the diverse communities that we work with. We believe that no research about these communities should be developed without the communities in question being involved every step of the way. "Nothing about us, without us". As a research environment, the University, our Faculty and our School espouse values for social justice, Indigenous knowledges, interdisciplinarity, health equity, social justice, and ethical professional conduct.

Job Description: Recognizing that no single person may possess all these skills and experience, you will provide support to Dr. Lachowsky, the Community-based Health Equity Research analyst team, and partners (e.g., collaborating faculty, community partner agencies, staff, postdoctoral fellows, students) with the following tasks:
- Provide analytical support for research by using quantitative data analysis (descriptive and analytic statistical methodologies). This includes synthesizing results into meaningful outputs for research collaborators, including dynamic data visualizations.
- Design, write, test, debug, document and maintain program code for data management, data cleaning, and statistical analysis

- Contribute to the writing of reports and research papers. This includes providing statistical results, writing methods and result sections, and preparing tables and figures as required.
- Collaborate on epidemiological and health research grant proposals (e.g., proofing proposals, conducting power and sample size calculations, drafting analysis plans)
- Uphold privacy and confidentiality standards in database organization, storage, and security of research data and associated files
- Perform data cleaning and linkage (e.g. follow-up surveys, biological measures)
- Assist the development of study protocols, questionnaires, and data collection tools
- Program and test survey data collection tools (e.g. Qualtrics, SurveyMonkey)
- Participate in Community-based Health Equity Research group meetings and co-working hours.
- Act as a resource on study design and statistical methodology

Training and support can be provided in whichever areas are necessary.

Qualifications:

A mix of education and work experience will be considered. The candidate should have a Bachelor's degree in any relevant field (e.g., public health, sociology, health sciences) and either professional experience applying relevant skills in practice or have recently completed a Masters degree in Public Health, Epidemiology, Population Health, Sociology, or any other relevant field.

Other preferred requirements:

- Knowledge of quantitative research designs and methods;
- Extensive experience with at least one statistical software (e.g. Stata, R, SAS, SPSS) is required;
- Experience conducting data cleaning and linkage as well as programming online surveys;
- Experience working with a variety of data files, including large and complex files, and being able to transform raw data into finished products;
- Experience writing statistical analysis plans and reports is essential;
- Ability to synthesize and present results effectively to both technical and lay audiences
- Ability to perform statistical analyses with an understanding of assumptions made, and the extent of inference possible based on the design of study
- Passionate for social change to address health inequities for the communities we work with;
- Understanding of and commitment to community-engaged research;
- Strong attention to detail and sense of ethics;
- Ability to exercise tact, discretion and safeguard confidentiality;
- Proficient with electronic technology (hardware, software), especially Microsoft Office software (i.e., Outlook, Word, Excel, PowerPoint);
- Ability to work independently and in a remote collaborative environment.
- Experience working in a research environment;

If you are interested in a position, please send a cover letter and your resume/curriculum vitae to Anya Slater at anyaslater@uvic.ca. References are not needed at this stage. If you have questions, feel free to write to me at nlachowsky@uvic.ca or call at +1(250)472-5739.

We will start reviewing applications Sept 19, 2022, but the posting will remain open until filled.