

Post-doctoral fellows in illicit drug epidemiology

[Professor Julie Bruneau](#) and [Dr. Sarah Larney](#) are seeking two full-time post-doctoral fellows to contribute to a growing program of research on the epidemiology of illicit drug use and related health issues, including hepatitis C, injecting-related harms, aging and older people who use drugs, and access to harm reduction, primary care and other essential services for people who inject drugs.

Each Fellow will take a lead role in analysing data, writing publications, and presenting findings at conferences, and will also be expected to engage in grant writing and supervision. Data sources will include a longitudinal cohort of people who inject drugs and administrative health data (e.g. linked mortality data; hospitalisations; use of supervised consumption sites). The program is flexible and accommodating of individual research interests within the field of drug use and drug-related harms, encouraging growth as an independent researcher. Examples of specific areas (but by no means limited to) in which a Fellow may choose to focus their efforts are:

- Trends in mortality rates and causes of death in people who inject drugs
- Longitudinal analyses of contextual factors influencing health outcomes
- Mathematical modelling to inform responses to the overdose crisis
- Design and analysis of emulated trials for key health outcomes in people who inject drugs
- Research to understand the needs of older people who use drugs.

You will also have the opportunity to actively participate in implementation science projects around the design and scale-up of innovative harm reduction and treatment programs for people who use drugs, working with multidisciplinary teams including people with lived experience.

The position is for two years (extension possible, contingent on funding) and will be based at the Research Centre of the Centre Hospitalier de l'Université de Montréal (CRCHUM). The Fellow will have access to all CRCHUM research facilities and resources. There will be opportunities to collaborate with colleagues within Québec, across Canada, and internationally.

Criteria:

- PhD or equivalent in public health, epidemiology, biostatistics, implementation science or other relevant field
- Peer-reviewed publications on the health and wellbeing of people who use drugs
- Experience in analysing epidemiological data (e.g. longitudinal data analysis, analysis of linked administrative health data)
- Strong writing and communication skills in English are essential; communication skills in French are desirable

Interested candidates should contact Dr Sarah Larney (sarah.larney@umontreal.ca) and/or Professor Julie Bruneau (julie.bruneau@umontreal.ca), attaching a CV, a motivation letter and responding to the above criteria. People from traditionally underrepresented populations are particularly encouraged to apply.