

## Health effects of the built and social environment

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Half of all Canadian adults will experience a major chronic illness such as cardiovascular disease or cancer. Throughout the life course those of lower socioeconomic position are disproportionately affected by these major illnesses. Differences in the built environment features (such as green space, safety, walkability, etc), are hypothesized to contribute to the underlying mechanisms linking neighbourhood socioeconomic position and health.

This project is aimed at investigating the environmental influence on physical and mental health over time. The PhD student will use a combination of Geographic Information Systems (GIS) data and linked administrative datasets within the Concordia Longitudinal Risk Project (CLRP) – an ongoing, multi-generational longitudinal study (over 10,000 persons across 3 generations since 1976).

This project is opened to a PhD applicant with prior experience and interest in population health and/or the built environment. Other requirements include a Master's degree in a related discipline (e.g., Epidemiology, Statistics, Psychology, Medicine), with demonstrated experience conducting research in at least one of the following areas: the built environment, cardiovascular or other chronic diseases, longitudinal study analyses, or multigenerational study designs. Applicants are also expected to have excellent organizational and communication skills and teamwork capabilities. Preference will be given to candidates with experience with statistical methods and ability to work with analytic software (such as R, SAS, SPSS, Mplus), and an openness to learning new methods and techniques

Further information can be found here: <https://mbmc-cmcm.ca/phd-offer-health-effects-built-social-envir/>