



Job Opportunity

Post-Doctoral Researcher in Transportation Engineering

Position Description and Qualifications

The position is for a **post-doctoral researcher in transportation engineering**, with expertise in traffic monitoring and information systems, traffic engineering, trucking, and road safety engineering. The position is for **two (2) years**, with an anticipated start date of **01 April 2026**. The successful candidate will report to Drs. Jonathan Regehr, P.Eng., and Babak Mehran, P.Eng., Co-directors of the Urban Mobility and Transportation Informatics Group ([UMTIG](#)) at the University of Manitoba, and will work collaboratively with student researchers and industry professionals.

This position is open to Canadian citizens, permanent residents, and individuals currently residing in Canada who hold a valid open work permit. The annual salary will be set commensurate with qualifications, starting at \$55,000.

Operating within the Department of Civil Engineering, UMTIG regularly collaborates with government agencies, industry professionals, academic researchers, and other partners to provide solutions to our stakeholders' toughest issues.

UMTIG manages and operates the Manitoba Highway Traffic Information System ([MHTIS](#)), a research partnership with Manitoba Transportation and Infrastructure. The purpose of the MHTIS is to analyze and disseminate traffic data for provincial highways in Manitoba and to conduct research involving traffic information systems. Prospective research projects may include:

- evaluating traffic data collection technologies, including third-party probe data products;
- deploying traffic and road-weather monitoring technologies;
- designing and testing traffic data management protocols and data visualization tools;
- designing and implementing truck traffic volume and truck weight monitoring programs; and
- developing and applying statistical and/or spatial analysis methods to enhance short-duration samples of traffic and truck traffic data.

The successful candidate possesses the following qualifications:

- A Ph.D. degree in transportation engineering, ideally focused on traffic engineering and data analytics.
- Strong skills in database management, programming, statistics, and Geographic Information Systems.
- Strong English technical writing skills, as evidenced by lead authorship of peer-reviewed publications in reputable journals.
- An inquisitive mind with applied knowledge of transportation research methods.
- Strong interpersonal, leadership, and self-motivation skills.

How to Apply

Please direct applications or enquiries related to this position to Dr. Jonathan Regehr (jonathan.regehr@umanitoba.ca) or Dr. Babak Mehran (babak.mehran@umanitoba.ca). Applications should include a detailed *curriculum vitae*, three sample publications, and a list of references. Review of applications will begin **January 31, 2026**.

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Application materials and letters of reference will be handled in accordance with the protection of privacy provisions of "*The Freedom of Information and Protection of Privacy*" (Manitoba). Please note that *curriculum vitae* will be provided to participating members of the search process.