

Postdoctoral Fellow in Transportation Planning

The University of New Brunswick's [Department of Civil Engineering](#), located in Fredericton, New Brunswick, Canada, is seeking a Postdoctoral Research Fellow with a focus on public sector transportation system planning. The successful candidate will lead a project funded by the Government of Canada to enhance transportation master planning within Canada's small to mid-sized municipalities.

In addition to working with the principal investigator, the successful candidate will work alongside a postdoctoral fellow who is conducting similar research in water and wastewater system planning. This integrated team will provide comprehensive insights into infrastructure master planning practices across the country.

Responsibilities

1. Design and execute a nationwide maturity assessment of transportation planning practices among small to mid-sized municipalities.
2. Conduct a comprehensive literature review to identify industry best practices, standards, and legislation related to infrastructure master planning in Canada.
3. Develop an infrastructure master planning primer document for small to mid-sized municipalities. The primer will introduce the basic concepts, methodologies, and skills related to transportation system master planning.
4. Create a standardized Request for Proposal (RFP) template for small to mid-sized municipalities to retain engineering consultants to develop transportation master plans.
5. Design and deliver national webinars and training programs to municipal staff and stakeholders across Canada.

Qualifications

Required

- PhD in Civil Engineering, Transportation Engineering, or related field within the last 5 years.
- Demonstrated experience in municipal transportation planning.
- Strong analytical and research skills with a focus on practical applications.
- Excellent communication skills, both written and oral, for stakeholder engagement and training delivery.

- Ability to work independently and collaboratively within a team environment.

Preferred

- Proficiency in both English and French languages.
- Strong publication record in peer-reviewed journals.
- Experience developing and delivering educational and training materials.

Salary and Duration

- **Salary Range:** \$50,000 to \$62,500 CAD per year, plus benefits.
- **Start Date:** January 1, 2025, or as soon as possible.
- **Duration:** Unionized contract term until March 2026, with the potential to renew for up to 3 years depending on funding availability.

Application Process

Interested candidates should submit the following documents to mike.benson@unb.ca.

- A cover letter outlining your research interests, experience, and fit for the position (max 2 pages).
- A detailed CV (max 5 pages).
- Contact information (name, email, phone #, relationship) for three professional references.

Applications will be accepted until the position is filled.

About the Principal Investigator

Trevor Hanson, PhD, P.Eng is a Professor of Civil Engineering at the University of New Brunswick and has been researching and teaching there since 2011. He is the Coordinator of the UNB Transportation Group and Community Transportation Research Lab. He has authored numerous reports, papers and articles on transportation planning topics including older driver safety and mobility, age-friendly community transportation, volunteer driver programs, and active transportation. He currently serves as the Canadian Transportation Research Forum (CTRF) President and is a member of the AME50 Accessible Transportation and Mobility Committee at TRB as well as a number of other professional organizations.

Acknowledgements and Commitment to Diversity

UNB recognizes and respectfully acknowledges that all UNB interactions in Fredericton take place on traditional lands of Wolastoqiyik.

The University of New Brunswick is committed to employment equity, fostering diversity within our community, and developing an inclusive workplace that reflects the richness of the broader community that we serve. We welcome and encourage applications from all qualified individuals, including women, visible minorities, Indigenous persons, persons with disabilities, and persons of any sexual orientation, gender identity, or gender expression. Preference will be given to Canadian citizens and permanent residents of Canada.