

## **Postdoctoral Position – Transportation Systems**

University of Waterloo

Professor **Lisa Aultman-Hall** is seeking a **Postdoctoral Fellow** for a **2-year appointment** to advance research on:

- **Electric vehicle (EV) charging behavior**
- **Long-distance intercity travel in Canada**

Both projects involve **travel survey data analysis** and **choice modeling**. The EV-focused research uses **stated preference data** to explore **pricing strategies for away-from-home charging** to simulate **charging infrastructure scenarios with price signals** in the Greater Toronto–Hamilton Area. The **long-distance travel project** includes spatial analysis of trip records in Statistics Canada’s National Travel Survey using a nation-wide transportation network model.

### **Responsibilities include:**

- Statistical analysis of large survey datasets
- Developing and applying choice models
- Spatial analysis to measure intercity accessibility
- Contributing to scenario simulations and policy-relevant insights
- Preparing co-authored journal publications
- Mentoring undergraduate co-op and graduate students

### **Qualifications:**

- Ph.D. in transportation, civil engineering, planning, geography, or related
- Strong quantitative and modeling skills
- Experience with survey data, GIS and discrete choice analysis

**Start Date:** Winter 2026 for 24 months

For more information or to apply, please email [laultman@uwaterloo.ca](mailto:laultman@uwaterloo.ca) with your CV and a brief statement of interest.

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