

Fully-funded PhD position

Fair Transport Lab, Technion

The Technion's [Fair Transport Lab](#), in cooperation with the [School of Public Health](#) and the [Haifa Center on the Politics of Inequality](#) at the University of Haifa, is offering a fully-funded PhD position.



The Project

This PhD position is part of a project funded by the [Israeli Smart Transportation Research Center](#).

The purpose of the project is to obtain reliable estimates of the incidence and severity of mobility problems across a population. By doing so, the project aims to deliver answers to basic questions, such as: What share of the population is affected by severe mobility problems? Does the share of the population experiencing severe mobility problems differ significantly across and between regions? What types of mobility problems have a particularly strong effect on people? While very basic questions, transport research has so far failed to develop tools that can deliver population-wide answers to these questions. This project aims to address this gap by developing, testing and employing novel survey tools to systematically estimate the incidence and severity of mobility problems across a population.

The project will be led by [Karel Martens](#), head of the Fair Transport Lab, in conjunction with co-investigator dr. [Matan Singer](#) from the School of Public Health and the Haifa Center on the Politics of Inequality at the University of Haifa. They will jointly act as your PhD advisors.

If accepted to the position, you will be stationed at the Technion and, if successful, obtain your PhD degree from the Technion. You will be offered a workspace in the [Faculty of Architecture and Town Planning](#), Technion - Israel Institute of Technology, located in Haifa, Israel. You will be joining the Fair Transport Lab, a thriving [multi-national team](#) of early career researchers led by Karel Martens. Foreign candidates are expected to move to Israel upon acceptance to the PhD program.

What we Offer

We offer a fully funded PhD position for a conditional period of 42 months, consisting of 12 months proposal stage and, if successful, another 28 months to conduct the research and deliver the PhD thesis. During the entire period, the candidate is entitled to a monthly stipend of NIS 5,800, with the possibility to receive an excellence stipend for proven research performance. In addition, you will have a modest travel budget to present your research outputs at international venues. You will be entitled to housing at the Technion's campus, which is home to a diverse student population.

Selection criteria

We are looking for candidates who fulfill all or most of the following criteria:

- A master's degree (with thesis) in transport, urban planning, geography or an adjacent field
- A proven track record in applying (advanced) quantitative research methods, such as choice modeling or comparable statistical methods
- Experience with statistical software (SPSS, Stata) and/or programming language (Python, R)
- A passion for transport and social justice
- Strong academic writing skills in English
- First experiences with academic presentations and publications as evidenced through e.g., conference participation or co-authorship of papers

Application

Please prepare a motivation letter, a CV, and the name and contact details of two people who can reflect on your skills, expertise, and past performance. Please send your application to matansinger@gmail.com as an attachment (in one single pdf-file) with "PhD Travel Problems Survey Tools" as subject of your email.

Deadline for application: 14 August 2023.

