PHD SCHOLARSHIP

The School of Civil Engineering at The University of Queensland (Brisbane, Australia) is offering a PhD scholarship for a motivated student to contribute to research being undertaken within the Transport Research Group. The successful student will work on the project “Vehicle ownership modelling: focusing on environmentally friendly vehicles”. Potential students with an interest in travel behaviour modelling and discrete choice modelling are strongly encouraged to apply. The scholarships will be for three (3) years and valued at $26,288AUD per year. Top-up scholarships and international student fee-waivers are also available to exceptional candidates.

PROJECT INFORMATION

Vehicle ownership modelling: focusing on environmentally friendly vehicles

Vehicle ownership plays an essential role in the life of individuals and households because of the influence on long-term decisions, given for example the obvious ties to residential location, and short-term decisions, given for example the consequent effect on activity and travel patterns. While GHG emissions are trending down at the global level, GHG emissions from transport are trending upwards also because of the heavy reliance on private vehicles that are significantly responsible of these emissions.

This project aims at modelling vehicle ownership while shifting the focus from the methodological to the behavioural side, although obviously without ignoring recent advances in behavioural sciences and mathematical psychology. In particular, this project intends to look at all the determinants of vehicle ownership that have been traditionally overlooked because of the focus being on the development of advanced models in order to answer questions about vehicle ownership, retention, shift and/or release in recent years and provide insights into possible future incentives to give individuals and households in the future for moving towards environmentally friendly vehicles (or out of vehicles altogether).

We are looking for a motivated student with background in travel behaviour modelling and discrete choice modelling that would like to work in a young and vibrant research group at UQ.

QUALIFICATIONS

Candidates must hold a relevant undergraduate or Master’s degree in civil engineering, transport engineering, mathematics or statistics. Candidates with skills or interest in travel behaviour modelling and choice modelling are strongly encouraged to apply.

HOW TO APPLY

Interested candidates should submit their scholarship application on the Application for school-based PhD or MPhil scholarship form, together with your supporting documents on the RHD online application system.

Details on the application for admission and scholarship process can be found at http://www.civil.uq.edu.au/RHD-application-apply.

For further details on the scholarship project, please contact Prof. Carlo G. Prato at c.prato@uq.edu.au. Submission due by 11/08/2016.

www.civil.uq.edu.au