



POSTGRADUATE RESEARCH SCHOLARSHIPS

The UCT Centre for Transport Studies invites applications for two doctoral and two master degree scholarships:

- **Minibus-taxi regulation in the context of transforming public transport systems**
This doctoral thesis will: analyse the nature and dynamics of existing minibus-taxi operations; critically investigate the limitations confronting large-scale transformation of public transport systems in South Africa generally, and in Cape Town more specifically; investigate how minibus-taxi operations should be managed within transforming, or partially transformed, public transport systems; and identify required adjustments to current public transport planning and regulatory frameworks. The scholarship takes the form of an annual amount of ZAR 150,000 for a maximum duration of three years (including registration fees and subsistence support).
- **Travel behaviour change dynamics, encouragement and measurement**
This doctoral thesis will: develop, administer, and analyse the results of an open-ended retrospective survey of the nature and pace of commuter behaviour change; conduct qualitative interviews to construct 'mobility biographies'; and develop and apply a travel behaviour change experiment to assess the prospects for greater public and non-motorised mode use. The scholarship takes the form of an annual amount of ZAR 150,000 for a maximum duration of three years (including registration fees and subsistence support).
- **Non-motorised school travel planning initiative development and demonstration**
This master dissertation will: design and administer a revealed and preference survey of travel patterns in participating schools in Rondebosch (Cape Town); capture, analyse and interpret the data collected; and implement and evaluate non-motorised school travel planning initiatives (in the form of 'walking buses' and cycling promotion). The scholarship takes the form of an annual amount of ZAR 75,000 for a maximum duration of two years (including registration fees and subsistence support).
- **Measuring the impacts of a travel demand management strategy on travel behaviour**
This master dissertation will: develop and administer before-and-after surveys to measure travel behaviour change (probably in relation to a corporate travel planning strategy in Cape Town), analyse the data collected, and estimate strategy effects. The scholarship takes the form of: an annual amount of USD 7,500 for a maximum duration of two years (including registration fees and subsistence support).

The tenure of all scholarships will be annual, and renewable, subject to satisfactory progress and the availability of funds. All topics form part of projects associated with ACET (the African Centre of Excellence for Studies in Public and Non-motorised Transport). The first three scholarships will be funded by the Volvo Research and Educational Foundations. The fourth scholarship will be supported by the United Nations Development Programme, the Department of Transport and the Global Environment Facility.

As the research topics are multidisciplinary in nature, applicants from a range of academic backgrounds will be considered. The primary criterion for selection will be the merit of the applicant, with preference given to citizens from South Africa and other African countries, and with due consideration given to diversity and equity imperatives.

Applicants should: be willing to undertake full-time study; be able to commence study in 2010; meet Transport Studies Programme entry requirements in the case of master degree candidates (see www.cfts.uct.ac.za for more information); and have a good command of spoken and written English.

To apply, submit a motivation letter and full curriculum vitae to the Cfts Administrator, Ms Rowén Geswindt, at Rowen.Geswindt@uct.ac.za, before 31 December 2009. Ms Geswindt can also be contacted for more information by phone on +27 (0)21 650 3499.