

Research Officer in Sustainable Mobility & Urban Design

School of Architecture, Building and Environment

Technological University Dublin (City Campus)

Bolton Street, Dublin 1

(TU Dublin Reference: 159/2023)

The TU Dublin School of Architecture, Building and Environment is seeking applications for the post of Research Officer in Sustainable Mobility & Urban Design.

Job Description

The School of Architecture, Building and Environment is seeking to appoint a Research Officer (position aligned to a Post-Doc Researcher for pay purposes) to continue and develop research activity on the “Covid Mobility Research Project”. This post is for a 12-month period and is co-funded by Dún Laoghaire-Rathdown County Council (DLRCoCo) and the National Transport Authority.

The purpose of this post is to continue and extend research activity, as part of the “Covid Mobility Research Project” (the “research project”), on the independent monitoring and evaluation of active travel schemes. The appointee will join a unique, highly innovative and multidisciplinary team of established transport and land-use planning, transport engineering, urban design and public health academics within the Sustainable Mobility Research Group (SMRG).

SMRG have successfully completed “[Phase 1A \(Interim Findings\)](#) of the Evaluation and Review of the Phase 1 Covid-19 Mobility and Public Realm Works undertaken by Dún Laoghaire-Rathdown County Council (DLRCoCo)”; [Phase 1B, and Phase 2A](#) as part of the research project. A core purpose of the research project to-date has been to develop and appraise evaluative methodologies for deployment across active travel schemes by the local authority. The schemes are intended to promote universal mobility and increase the health of communities, both in terms of physical, social and mental well-being but also their economic viability and environmental sustainability.

The work will involve a mix of qualitative and quantitative research, including stakeholder engagement, socio-economic analysis, innovative methodology development, and analysis of primary and secondary datasets. In addition, outcomes and processes will be evaluated against national policies in the area of sustainable development and active mobility. It is envisaged the appointee will be involved in the presentation and dissemination of the evaluation outputs, including to partner organisations, project stakeholders and the public.

The appointee may also be assigned to the provision of planning and design advice and evaluation of additional and related projects, interventions and initiatives in line with the sponsor's research objectives and the TU Dublin Environment & Planning Engaged Research Strategy.

The research will contribute to innovation in policy and practice which can benefit communities, industry and the environment. The research has potential also to lead to the production of peer-reviewed international journal articles in this burgeoning and climate-critical research field. The appointee will work closely with the Research Project Principal Investigator, Project Manager and the School Executive.

This is an exciting opportunity to work as part of a newly developing Research Group in Sustainable Mobility at TU Dublin and to continue and develop research activity on the "Covid Mobility Research Project", co-funded by Dún Laoghaire-Rathdown County Council (DLRCoCo) and the National Transport Authority.

This post is aligned to a Post-Doc Researcher for pay purposes. The post will be on a Fixed-term (maximum 12 months) Specified Purpose basis, subject to the terms of the provisions of the Technological Universities Act 2018.

Principal Accountabilities

The Researcher may be required to:

- Manage and conduct a specific programme of research and scholarship under the leadership of the Principal Investigator, Project Manager and School Executive.
- Disseminate the outcomes of this research and scholarship including peer-reviewed academic publications of international standing.
- Take responsibility for and conduct administrative / management tasks associated with the research project.
- Prepare and present research findings to colleagues for review purposes.
- Prepare progress reports on research for funding bodies as required.
- Engage in appropriate training and professional development as required by the Project Manager.
- Submit papers to appropriate journals, attend and present findings at appropriate conferences and workshops.
- Participate fully in the wider research and scholarly activities of the School.
- The flexibility to teach on undergraduate and taught postgraduate programmes for a maximum of 48 hours in one academic year in areas related to and which can benefit the research project.
- Where appointed to do so by TU Dublin, supervise or co-supervise with a full-time member of TU Dublin staff, graduate research students on subjects related and relevant to the research project.

- Assist in the further development of the research programme and in seeking and pursuing further external funding, as appropriate.
- Play an active role in knowledge and technology transfer activities.
- Manage research grants in accordance with TU Dublin Financial Regulations and the conditions of the funding body.
- Carry out any other duties within the scope, spirit and purpose of the job as requested by the PI or Director of the Faculty/School.
- Comply with all TU Dublin policies and regulations, including those in relation to Research Ethics and Health and Safety.

Person Specification

The ideal candidate will demonstrate the appropriate mix of knowledge, experience, skills, talent and abilities as outlined below:

Knowledge and Experience

- A minimum of a Masters degree or equivalent in a transport planning, land-use planning, transport engineering, urban design, urban geography, public health, or a cognate and multi-disciplinary disciplinary area **(Essential)**
- Knowledge of appropriate research techniques and methodologies, including familiarity with best practice in active mobility within Irish, European or other relevant contexts **(Essential)**
- Research experience in sustainable transport and mobility, or a cognate and multi-disciplinary field **(Essential)**
- Evidence of a research profile and publication record within the requisite subject area, or a cognate and multi-disciplinary field, and a commitment to high quality and innovative research **(Desirable)**
- Experience of working, conducting research and engaging with business, community, government and non- governmental organisations **(Desirable)**
- Demonstrated experience of best practice, pursuing innovation and advancement of knowledge in sustainable development **(Desirable)**

Skills, talents and abilities

- Excellent interpersonal skills
- Ability to work independently and to tight deadlines
- Ability to work effectively and collaboratively as part of a diverse team
- Competence in methods of qualitative and quantitative data collection and analysis
- Familiarity with the use of secondary quantitative data and indicators
- Excellent verbal and written communication skills

Salary

The successful candidate will be appointed at either point (01) of the Post-Doctoral Researcher Salary i.e. €41,525 gross per annum or point (01) of the Senior Post-Doctoral Researcher Salary Scale i.e. €46,442 gross per annum depending on qualification and experience. Remuneration may be adjusted from time to time in line with Government pay policy. Incremental credit may apply in line with University policy.

How to Apply

For further information about this post please contact David O'Connor, Head of Environment & Planning at the TU Dublin School of Architecture, Building and Environment (email: dave.oconnor@tudublin.ie; phone: +353-1-220-6523).

Interested parties should send a current Curriculum Vitae, accompanied by a 1-2 page covering letter setting out a statement of interest, by email to David O'Connor (email: dave.oconnor@tudublin.ie), by latest **5pm (Irish Standard Time) on 14th July 2023**.

It is anticipated that interviews for this post will take place during August 2023.