CANDIDATE BRIEF

Research Fellow in Active Travel Futures

Institute for Transport Studies, Faculty of Environment

Salary: Grade 7 (£32,548 – £38,833 p.a.)

Reference: ENVTR1062

Closing date: 11 April 2018

Interviews are expected to be held on 20 April 2018

Fixed-term for 12 months due to external funding

Research Fellow in Active Travel Futures

Institute for Transport Studies, Faculty of Environment

Are you an ambitious researcher looking for your next challenge? Do you have a background in transport, geographic data and data science? Do you want to further your career in one of the UK's leading research intensive Universities?

This role will see you join a dynamic team who have built important components of high-impact transport planning tools including the Propensity to Cycle Tool (PCT) and the Cycling Infrastructure Prioritisation Toolkit (CyIPT). These tools have been deployed nationally in the UK, and are having a large impact on active travel planning, making it more evidence-based. The logical next step is to create foundations for internationally scalable tools that are free and open source, to improve the evidence base for a transition away from fossil fuels in the transport sector worldwide.

You will also work with staff across the Leeds Institute for Data Analytics (LIDA) and the ESRC-funded Consumer Data Research Centre (CDRC), you will undertake research projects closely aligned to the aims of the CDRC and to its data partners.

Your job will be to create these foundations.

What does the role entail?

As a Research Fellow, your main duties will include:
- Working with and in support of Dr Lovelace's research grant from the ESRC to create the foundations to internationalise the CyIPT tool;
- Developing a questionnaire for practitioners in the UK to find out what digital tools they use;
- Conducting a literature review of existing tools for cycle planning internationally;
- Communicating or presenting research results through publication or other recognised forms of output;
- Preparing papers for publication in leading international journals and independently writing reports;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;

- Working with colleagues in LIDA and our partners nationally within the ESRC Big Data Network - including external users - to develop applications of consumer data research in the social sciences;
- Working with industrial partners, ensure alignment of the project with the industrial strategy;
- Articulate and convey the impact of research, clearly showing wider benefits that research could generate;
- Prepare case studies and exemplars for use in training; provide support to training events within the CDRC and LIDA;
- Work innovatively and in collaboration with external parties, for example professional organisations or patient support groups, to develop successful research protocols; web/app developers to maximise opportunities for novel means of presenting/evaluating research;
- Maintaining your own continuing professional development and acting as a mentor to less experienced colleagues as appropriate;
- Contributing to the research culture of the Institute, where appropriate;
- Contributing to the training of both undergraduate and postgraduate students, where appropriate, including assisting with the supervision of projects in areas relevant to the project.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Fellow you will have:
- A first degree and PhD (or close to completion) in geography, engineering or a closely allied discipline;
- A strong background in movement patterns;
- Demonstrated experience of conducting research;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure;
- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Proven ability to manage competing demands effectively, responsibly and without close support;

- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development.

 You may also have:
- A track record of successful, high quality, publications on geographic phenomena.

How to apply

You can apply for this role online; more guidance can be found on our How to Apply information. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Robin Lovelace, University Academic Fellow
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Additional information

Find out more about the Faculty of Environment.

Find out more about our Institute for Transport Studies.

Find out more about our Research and associated facilities.

Working at Leeds
Find out more about the benefits of working at the University and what it's like to live and work in the Leeds area on our Working at Leeds information page.

Candidates with disabilities
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information or by getting in touch with us at [disclosure@leeds.ac.uk.](#)

Criminal record information
Rehabilitation of Offenders Act 1974
A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records information](#).