



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Senior Research Fellow (ESRC Fellowship)

Institute for Transport Studies, Faculty of Environment



Salary: Grade 8 (£39,992– £47,722 p.a.)

Please note that due to funding limitations an appointment will not be made above £39,992

Reference: ENVTR1058

Closing date:

Fixed-term for 3 years (external funding), latest start date of 15 January 2018 and subject to final approval from ESRC

Job sharing or flexible working arrangements may be considered

Senior Research Fellow

Institute for Transport Studies, Faculty of Environment

Are you an ambitious researcher looking for your next challenge? Do you have a background in transport studies and data analytics? Do you want to further your career in one of the UK's leading research intensive Universities at the world-renowned Institute for Transport Studies?

We have an exciting three year fellowship position, funded by the Economic and Social Research Council (ESRC) as part of their National Productivity Investment Fund. The programme of work will focus on the evaluation of the potential for new mobility services at local level through the fusion and analysis of novel datasets. The position includes funded secondments to an innovative commercial telematics service provider and a large regional transport partnership. You will be appointed to the Institute of Transport Studies affiliated to the [UK Energy Research Centre](#). Under the mentorship of Professor Jillian Anable, you will work in collaboration with other postdoctoral and postgraduate researchers and there will also be opportunities to contribute to wider research and teaching initiatives across the Institute and Faculty. Existing expertise at Leeds in travel behaviour, spatial analytics, and geographical information science offers the potential for extensive collaboration.

With a PhD in Transport Studies, Geography or a closely allied discipline (see Eligibility criteria in the Additional Information section), you will be able to demonstrate a strong upward research trajectory evidenced by metrics such as high quality peer reviewed publications. A wide range of interests and skills relevant to the field of mobility studies will be considered but you must be able to demonstrate use of a diverse range of data and analytical methods plus a strong connection to how your work will influence real systems and contexts. In addition to showing clear potential for significant research income generation, you should also be able to demonstrate an interest in and potential to assume innovative teaching development in the field of data analytics, at both undergraduate and postgraduate levels, as the fellowship evolves.



What does the role entail?

As a Senior Research Fellow your main duties will include:

- Leading a programme of research in spatial data analytics related to travel demand and the evaluation of new mobility services, in a manner compatible with the Institute and Faculty strategies;
- Developing the skills and experience to become a world class research leader in a relevant area of mobility data analytics;
- Using creativity to analyse and interpret research data and draw conclusions on the outcomes;
- Planning and managing your own research activity within the strategy identified with your mentor(s) for the project;
- Organising and executing your research secondments, including agreeing objectives, negotiating data management agreements and drawing up memorandum of understandings;
- Leading, contributing to and maintaining a high quality record of regular publication of research papers;
- Contributing towards wider dissemination of the work via press releases, websites, events and any other communication mechanism deemed appropriate by your mentors and seconders;
- Developing collaborations with colleagues in other Institutes, Schools and Faculties at the University of Leeds and develop research links with external organisations;
- Contributing to/leading and encouraging joint discussions within the Institute for Transport Studies (ITS), the Institute for Data Analytics (LIDA), the UK Energy Research Centre (UKERC) and across broader University Themes;
- Assisting with the design and coordination of activities such as workshops organised as part of the ITS, LIDA and UKERC;
- Towards the end of the three year fellowship, developing research objectives and proposals for your own or joint research, contributing to successful funding bids in the area of sustainable transport policy;
- Making presentations at conferences or exhibiting work at other appropriate events;
- Being involved in the assessment of student knowledge as well as the supervision of projects, help to develop student research skills and attract research students to the University;



- Contributing to the university's teaching at an undergraduate and postgraduate level as well as contribute to other student facing activities such as the supervision of Masters dissertations in relevant topics. Training and support on teaching approaches will be available to assist in the development of skills for this role;
- Where appropriate, acting as a mentor to less experienced members of staff;
- Balancing the competing pressures of research, teaching and administrative demands and deadlines.

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 Senior Research Fellow you will have:

- A first degree and PhD in Transport Studies, Geography or a closely allied discipline;
- A track record of innovative quantitative analysis of large data sets related to transport, environment or energy demands or practices;
- Demonstrated experience of developing research objectives and working independently to efficiently and reliably generate high quality research outputs;
- Ability to design and lead a research project using new research techniques and methods;
- Willingness and aptitude to become proficient in new areas;
- Experience of working both independently and also as part of a larger team of researchers and engaging in knowledge-transfer activities;
- 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;
- A track record of successful, high quality, publications on the above mentioned topics and disciplines.



You may also have:

- Experience of applying for funding;
- Experience of academic teaching, including supervising postgraduate students;
- Experience of having effectively managed resources, including staff.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. 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:

Professor Jillian Anable, Professor of Transport and Energy

Tel: +44 (0)113 343 9925

Email: J.L.Anable@leeds.ac.uk

Additional information

Eligibility Criteria

The fellowships are targeted at Early Career Researchers (ECR's), and you should have a maximum of four years' academic research experience following the submission of your PhD, or be of equivalent professional standing. This period is measured between the initial submission date of the PhD thesis and the submission date of the fellowship proposal. Career breaks will be excluded from the four-year period, and periods of part-time academic employment can be calculated on a pro-rata basis. The scheme is open to applicants with or without a permanent academic post, subject to the above restrictions.

Find out more about the [Faculty](#) and our [Institute](#).

Find out more about our [Research and associated facilities](#).



Find out more about Equality and Inclusion and Athena Swan in the [Faculty](#) and the [University](#).

Working at Leeds

Find out more about the benefits of working at the University and what it is 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 on our [Accessibility](#) information page 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 page.

