CANDIDATE BRIEF

Research Fellow in Human Factors of Vehicle Automation (2 posts)

Institute for Transport Studies, Faculty of Environment

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

Reference: ENVTR1065

Closing date: 13 June 2018

Interviews are expected to be held on Friday 22 June 2018

One post is fixed-term for two years and one post is fixed-term for one year (external funding)

Research Fellow in Human Factors of Vehicle Automation (2 posts), Institute for Transport Studies, Faculty of Environment

Are you an ambitious researcher looking for your next challenge? Do you have a background in psychology/behavioural sciences/human factors? Do you want to further your career in one of the UK's leading research intensive Universities?

The Human Factors and Safety Research Group at the Institute for Transport Studies is looking for an enthusiastic, self-motivated individual who is interested in contributing to a portfolio of current research projects which seeks to understand both the human factors opportunities and challenges of automated vehicles.

Working closely with this world-leading team on both European and UK-funded projects, and with access to the Institute's world-leading Driving Simulator Suite, you will be encouraged to develop your own research portfolio in this area, linked to two main currently funded projects: HumanDrive (http://humandrive.co.uk) and L3Pilot (http://www.l3pilot.eu/). You will also have the opportunity to work alongside and collaborate with external stakeholders and industry partners.

With a PhD (or close to completion) in behavioural sciences or engineering, you will have strong numerical, programming and analytical skills, with experience of SPSS, MATLAB and R, in addition to a track record of successful, high quality publications.

What does the role entail?

As a Research Fellow your main duties will include:

- Working with Professor Natasha Merat and her team, supporting the activities related to the above projects. This includes preparing appropriate studies for evaluation of driver behaviour with automated vehicles, analysing user and vehicle-based data, and preparing the results for dissemination and publication;
- Generating and pursuing original research ideas, to complement the funded research projects;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including, where appropriate, preparing future proposals for funding in collaboration with colleagues;

- Communicating and/or presenting research results to academic and stakeholder groups;
- Preparing papers for publication in leading international journals;
- Working both independently and also as part of a larger team of researchers;
- Engaging in knowledge-transfer activities, promoting and communicating the work of the team through social media and websites, as appropriate;
- 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 psychology/human factors/driver behaviour, with an understanding of human interaction with automated vehicles, in particular;
- A background in behavioural sciences;
- A track record of successful, high quality, publications;
- Strong numerical skills, including experience with using SPSS, MATLAB and R;
- Demonstrable experience of conducting research with human participants;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure;
- Excellent written and verbal communication 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.

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 Natasha Merat, Research Group Leader for Human Factors and Safety
Tel: +44 (0)113 343 6614
Email: N.Merat@its.leeds.ac.uk

Additional information

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.](mailto: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.