Research Statisticians, TRL

Reading, UK

We have a number of opportunities for Research Statisticians to join our Road Safety Group. Whether you’re a new Graduate or an experienced professional, we’re keen to hear from those with real ambition to apply their statistical expertise in the context of a dynamic research environment. If you’re excited by the prospect of applying your talent for statistics to make a difference in everyday, real world scenarios – then consider a career with TRL.

Recognised world-wide for 80 years of evidential research, technical consultancy and impartial advice that contributes to the shaping and forming of transport decisions and policy, our Road Safety Group carries out accident data analysis, behavioural change, operational safety and risk management, driver training and testing, road safety education and evaluation of road safety interventions.

Research statisticians play a key delivery role working alongside our research and consultancy teams, carrying out a wide range of research activities on a variety of road safety projects. Areas include:

- Carrying out the design, analysis and presentation of research, including discussions with non-technical experts to define research questions.
- Statistical techniques including experimental design, modelling, hypothesis testing, Bayesian methods, simulation
- Survey and questionnaire design, administration and analysis
- Evaluation, including statistical assessment, of safety interventions, including before after analyses, Hauer method, Empirical Bayes
- Writing concise, client-focused technical reports, often for non-technical audiences
- Present findings to clients and senior stakeholders

As part of this challenging role you will have the opportunity to provide innovative solutions to research problems as well as providing technical input for research proposals. Good team working skills, together with a flexible approach to working patterns are essential. There may be requirements for international travel to support TRL’s growing international business

**Desired Skills and Experience**

- A good degree in Statistics is essential
- Proven experience of understanding, analysis and presentation of complex data
- A high level of ability in applying and selecting appropriate statistical techniques is essential
- The ability to write clear, concise, correctly punctuated and grammatically correct English matched to the needs and requirements of a target audience
- Creativity in identifying how clients’ technical needs can be resolved
- Self-motivation, being able to both lead and work as a member of a team
- A Masters degree or PhD would be an advantage

**About this company**

TRL the UK’s Transport Research Laboratory, is recognised world-wide for transport innovation, evidential research and impartial advice. Commercially independent with over 80 years of knowledge and experience embedded in its history, TRL’s work is rooted in the traditional areas of road and vehicle safety, highway engineering and maintenance. Through the decades, however, our knowledge has expanded to encompass so many other facets that shape and form today’s transport decisions: sustainability, attitudes and behaviours, simulation and modelling, climate change, engineering, product development, standards and specifications. TRL’s work in the area of
autonomy including human factors and simulation, automation safety, network modelling and
infrastructure provides a holistic view to the successful introduction of autonomous vehicles.

https://www.statsjobs.com/jobs/research-statisticians-trl/