

Research Fellow - Fixed Term (6 months)

Edinburgh Napier
UNIVERSITY



Role Description

Grade & Salary:	Grade 5
Campus Location:	Merchiston
Line Manager:	PI of the project
Line Management Responsibility for:	None
Role Summary:	Research Fellows required to carry out original research for two research projects – one in the area of shared mobility, the other about bicycle safety – and leading on the preparation of new grant proposals

Main Duties and Responsibilities

➤	Carrying out original research in the areas of shared mobility or bicycle safety.
➤	Collection of primary and secondary data and integration of different datasets.
➤	Statistical analysis of data through the development of advanced statistical and econometric models (e.g., discrete choice models, models accounting for unobserved heterogeneity).
➤	Development of high-level recommendations for key stakeholders.
➤	Contributing to project management.
➤	Leading on the preparation of journal articles and conference papers that will result from the projects.
➤	Leading on the preparation of new grant proposals.
➤	Attending project meetings and collaborating with researchers from the Transport Research Institute.
➤	Any other duties as may be reasonably assigned by the line manager.
➤	Be responsible for ensuring that the information and records processed (received, created, used, stored, destroyed) on behalf of the University are managed in compliance with ALL applicable legislation, codes and policies e.g. Data Protection, Information Security and Records Management.



Person Specification

Attributes	❖ Essential Selection Criteria	Desirable Selection Criteria
Education/Qualifications	PhD (or near completion) in a subject related to transportation, travel behavior, transport policy, data science, statistical and econometric methods; or combination of qualifications and experience equivalent to PhD	
Experience	Demonstrable experience in applying statistical and econometric methods	<p>Experience of publishing in internationally renowned academic journals</p> <p>Experience of leading or contributing to major grant applications</p> <p>Experience in data analytics for large datasets</p> <p>Demonstrable experience in survey-based data collection for behavioural research (for the project on shared mobility)</p>
Skills/Personal Requirements	<p>Excellent written, verbal and presentation communication skills.</p> <p>Excellent organisation, prioritisation and time management skills.</p> <p>Excellent interpersonal skills, with ability to work in a team and on own initiative.</p> <p>Excellent IT skills.</p> <p>Strong attention to detail.</p> <p>Ability to write high quality reports</p>	<p>Excellent project management skills.</p> <p>Strong programming skills (e.g., Python, R, C++)</p>

- ❖ *Essential Selection Criteria* are mandatory requirements for a post-holder. If a potential candidate does not evidence all of these requirements in their application form they do not meet the essential criteria of the role and, therefore, will not be short-listed for interview.