



Job Description

This form summarises the purpose of the job and lists its key tasks. It is not a definitive list of all the tasks to be undertaken as those can be varied from time to time at the discretion of the School, in consultation with the postholder.

Job title: Research Assistant (“Pre-Doc”) – Energy and Environmental Economics

Department/Centre/Institute: Department of Geography and Environment Accountable to: Dr Stephen Jarvis

Job Summary

This is a full-time Research Assistant (“pre-doc”) position working directly with Dr. Stephen Jarvis on an empirical research project focused on energy markets and environmental economics. The role offers an opportunity to be part of a dynamic research agenda that explores how economic forces and public policy shape energy markets, and the implications for key issues such as affordability, energy security and environmental sustainability.

As part of this role, you will be responsible for working with large-scale microdata (e.g., electricity grid operational data, environmental emissions data, vehicle registrations, company accounts), conducting econometric analysis, conducting optimisation modelling analysis, and contributing to the development of research papers and policy-relevant outputs. You will also help support literature reviews, participate in project meetings and workshops, and provide support on certain administrative aspects, as needed.

This position is ideally suited for someone considering a PhD in economics or a related field. It offers extensive hands-on experience with quantitative research methods and exposure to academic research processes.

Duties and Responsibilities

- Identifying appropriate methods of investigation or analysis according to data and objectives, including applying econometric, statistical, and modelling techniques using R and/or Python as appropriate.
- Interpreting and analysing patterns or trends in data, developing scripts to merge datasets, creating derived variables, developing modelling tools, and visualising results.
- Managing large scale databases and constructing, cleaning, and maintaining large micro-datasets (e.g., electricity grid operational data, environmental emissions data, vehicle registrations, company accounts data).
- Conveying complex conceptual ideas or complex information which may be highly detailed, technical or specialist, and presenting research results to internal collaborators and, occasionally, external stakeholders or academic conferences.
- Conducting literature reviews and synthesising findings relevant to energy and environmental economics
- Contributing to grant reporting, documentation of research procedures, and maintenance of code repositories.
- Assisting in the writing of academic research papers, policy reports, and other reports.



- Contributing to the organisation of academic workshops, conferences, seminars, and team meetings.
- Supporting team members to reach common goals.
- Engaging with research training opportunities and attending relevant seminars at LSE.
- Managing own research and administrative activities, with guidance.
- Demonstrating a knowledge of theory, methods and practice and demonstrating development through acquisition of relevant skills and competencies.

All of the above subject to the contractual obligations imposed by the external funding agency and with the agreement of the grant-holder, Principal Investigator and/or Head of Centre.

Note

The LSE has a progressive pay structure that rewards you with annual pay increases up to a certain level as you develop in your role. We also provide for further reward past this point in the form of further pay increases based on exceptional performance.

Flexibility

To deliver services effectively, a degree of flexibility may be required in the duties performed in order to meet the exigencies of service. Job roles may also naturally develop over time and ongoing substantial changes to a role will be discussed between line managers and their staff, with job descriptions updated as and when appropriate.

Equality and Diversity

Equity, Diversity and Inclusion (EDI) LSE is committed to building a diverse, equitable and truly inclusive university. All posts (and post holders) will seek to ensure diversity and inclusion, while opposing all forms of unlawful and unfair discrimination on the grounds of age, disability, gender identity, marriage and civil partnership, pregnancy and maternity, race, nationality, ethnic or national origin, religion or belief, sex and sexual orientation, or social and economic background.

Ethics Code

Posts (and post holders) are assumed to have a responsibility to act in accordance with the School's Ethics Code and to promote the principles and values that the Code enshrines. The Ethics Code clearly states that the whole LSE community, including all staff, students, and governors of LSE, are expected to act in accordance with the principles which are set out in the Code. As such you are required to read and familiarise yourself with it. The School's Effective Behaviours Framework is designed to support this Code. It sets out examples for the six behaviours that all staff are expected to demonstrate, these can be found on the following link: [click here](#)

Environmental Sustainability

The post holder is required to minimise environmental impact in the performance of the role, and actively contribute to the delivery of the LSE Environmental Policy.

Free Speech

[The Code of Practice on Free Speech](#) outlines the responsibilities of LSE to protect and promote freedom of speech and academic freedom within the law for students, faculty, staff, and visiting speakers. It applies to all activities on LSE premises and those conducted in the name of the School or LSE Students' Union at any location. The Code confirms that LSE does not take formal positions on political or international issues but provides a platform for critical debate within the law, taking account of the various legislative requirements and the context provided by policies and procedures. Procedures are set out in the Code on how events must be arranged and conducted.