



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 Officer in Statistics

Department of Statistics

Accountable to: Head of Department

Job Summary

Research officer must have a PhD in statistics, mathematics or a related subject, or expect to have submitted their PhD thesis by the post start date. She/he will conduct research for the EPSRC project "Was that change real? Quantifying uncertainty for change points" under the direction of Professor Piotr Fryzlewicz.

Duties and Responsibilities

Range of Research Activities and Responsibilities

- To contribute to the research project, the primary aim of which is the development of methods and tools for quantifying uncertainty for changepoint detection.
- To publish in leading statistical journals and, where appropriate, to contribute to publications in these journals jointly with other members of the project.
- To attend and contribute to project meetings with staff from partner organisations involved in the project.
- To attend meetings, workshops and conferences in the UK and abroad, presenting research results and networking.
- To develop code that implements the methods developed in a way which supports reproducible research practice.
- To support the Investigator, as appropriate, in developing the broader collaborative relationship with external partners.
- To undertake any other duties as may be requested by the Investigator, provided that these are appropriate to the grade of the post.

Activities relating to administration and management and/or School service may include:

- Playing a constructive role in the life of the Department.
- Initiate and maintain research exchanges with PhD students in the Department.

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.

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.

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.