



## 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 Decision-Making under Severe Uncertainty**

**Department/Centre/Institute: CPNSS**

**Accountable to: CPNSS Director**

### Job Summary

The post is located within the project *Toward the Development of a Decision-Theoretic Framework for enhanced Cat Risk Management*, funded by a grant from the Lighthill Risk Network. The Research Officer will conduct research at the interface of Cat modelling and decision-making, working on the implementation of general framework for decision-making under scientific uncertainty in the insurance sector. The Research Officer will collaborate closely with the project leaders (Prof. R. Bradley, Prof. R. Frigg and Dr. T. Philp) and maintain a dialogue with project's industry partners, Maximum Information, reask, Aon, MS Amlin, Liberty Syndicates, Guy Carpenter, Lloyd's, and Hiscox.

### Duties and Responsibilities

#### Range of Research Activities and Responsibilities

- Conducting research into decision-making under scientific uncertainty in the specific context of cat modelling for the insurance sector.
- Contributing to the development of a method for the evaluation of model outputs and of decision-making procedures and tools that are sensitive to the uncertainty around these outputs.
- Working closely with a team of researchers and industry partners to develop a decision-making interface.
- Writing up research for publication in a variety of modes including peer reviewed journals.
- Initiating and sustaining links with external bodies to foster collaboration.
- Presenting research papers at conferences.
- Contributing creative solutions to research challenges.

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

- Playing a constructive role in the life of the Centre.
- Organising conferences, seminars and workshops.

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.