



## JOB DESCRIPTION

<b>Job Title:</b>	Postdoctoral Research Assistant
<b>Department / Unit:</b>	Department of Economics
<b>Job type</b>	Fixed-Term, Full-Time, Professional Services
<b>Grade:</b>	Grade 7
<b>Accountable to:</b>	David Levine – Leverhulme International Professor of Economics, Principal Investigator
<b>Accountable for:</b>	N/A
<b>Purpose of the Post</b>	
<p>The current post relates to Leverhulme Global Professorship grant awarded to Professor David Levine who has joined the Royal Holloway, University of London in September 2023 to lead an interdisciplinary Research Project on Social Norms and Applications. The project includes not only Economics, but also involves Psychology and Computer Science. A total of eight postdoctoral researchers are to be hired to join the project, including four in Economics.</p>	
<b>Key Tasks</b>	
<p>The holder of the current post will join a project team led by Professor David Levine, Leverhulme International Professor of Economics, to deliver a large-scale funded research project on social norms. The project will combine theoretical development, advanced quantitative methods, and experimental designs in a mix of research methods. Associated tasks include:</p> <ul style="list-style-type: none"> <li>• Serve as team member in the development of the project design and research setup.</li> <li>• Stay updated with the most recent research in the areas of social norms, relevant economic theory, agent-based modelling, causal inference, and experimental designs.</li> <li>• Develop theoretical modelling that spans the disciplines involved.</li> <li>• Pilot, refine and optimise experimental methods to be employed within the project.</li> <li>• Develop computer code for simulation-based research designs.</li> <li>• Write up research into publishable research outputs, present these at international conferences and submit to leading international academic journals.</li> <li>• Engage with project members and other stakeholders as required.</li> <li>• Enhance the departmental research agenda through application of theoretical, empirical and simulation-based research designs.</li> </ul>	

- Develop research funding proposals in collaboration with department academic staff and submit to appropriate funding bodies.
- Read academic papers, journals, and textbooks to keep abreast of project related developments and techniques.

#### **Other Duties**

This job description reflects the present requirements of the post, and as duties and responsibilities change/develop, the job description will be reviewed and be subject to amendment in consultation with the post holder.

The post holder will carry out any other duties as are within the scope, spirit and purpose of the job as requested by the PI, Prof. David Levine.

The post holder will actively follow RHUL policies including Equal Opportunities policies and be expected to give consideration within their role as to how they can actively advance equality of opportunity and good relations between people who share a relevant protected characteristic and people who do not share it.

The post holder will maintain an awareness and observation of Fire and Health & Safety Regulations.

The post holder will carry out their duties in a resource efficient way and actively support RHUL's Sustainability policies and objectives within the remit of their role.

The successful candidate will need to meet RHUL's expectations of core behaviours.

#### **Internal and external relationships**

The following list is not exhaustive but the post holder will be required to liaise with: Students, other members of staff within the school/department and University, academics in other institutions and, where relevant, industrial or professional contacts.



## PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

**Job Title:** Postdoctoral Research Assistant

**Department:** Economics

	Essential	Desirable
<b>Knowledge, Education, Qualifications and Training</b>		
PhD in relevant subject area	X	
Proven knowledge of research techniques and methodologies	X	
Demonstrable comprehensive knowledge in the subject area	X	
Training in using key software, e.g., Python, at an advanced level		X
<b>Skills and/or Abilities</b>		
Proven ability to analyse and write up research results and handle related administrative duties	X	
Excellent communication and presentation skills, with the proven ability to communicate effectively, both verbally and in writing, with students, colleagues, and external audiences including the ability to present complex information effectively to a range of audiences	X	
<b>Experience</b>		
Evidence of a publication record in good quality publications or sufficient working papers	X	
Demonstrable comprehensive experience of research in heterogenous agent modelling		X
Experience with constructing research funding proposals		X

Experience of coding complex structural simulations		X
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