



## **Centre for Macroeconomics**

### **Pre-Doctoral Research Assistant**

**£30,029 to £34,487 pa with potential to progress to £37,050 pa inclusive of London allowance**

**This is a fixed term appointment for 12 months**

The Centre for Macroeconomics (CFM) is a research centre bringing together world class experts to carry out pioneering research on the global economic crisis and help design policies to alleviate it. Under the leadership of the Centre Directors, the Centre for Macroeconomics will be involved in cutting-edge research, teaching students and engaging a global audience.

The Centre for Macroeconomics invites applications to the post of Research Assistant which will contribute to the Centre's research programmes. This pre-doctoral fellow will be a highly-skilled and motivated individual. The job will entail close collaboration on a number of new and ongoing projects on a broad range of topics in applied macroeconomics. The successful applicants will be based at the London School of Economics (LSE) to closely collaborate with Professors Benjamin Moll and Ricardo Reis on a number of new and ongoing projects on a broad range of topics in applied macroeconomics: measurement of inflation expectations, the study of unconventional monetary policies, fiscal policy, the study of inequality within macroeconomics models, understanding the root causes of financial crises, and the impact of automation on inequality. These issues are tackled with a mix of theoretical and empirical work (using both micro and macro data).

The Research Assistant will work on all parts of the project, including literature reviews, developing algorithms, data collection and model evaluation. The Research Assistant will also be responsible for publication of software developed by PI's on the Centre's website. The Research Assistant will work independently but within the project team, under the direction of the Professors Benjamin Moll and Ricardo Reis. The job will include a variety of tasks that provide excellent preparation for graduate school, such as analyzing data, numerical computation of economic models, writing and creating presentations, and editing research papers.

Although the focus of an RA's duties will be on meeting deliverables based on the above objectives, there will also be scope to work on independent research projects relevant to the Centre's key research themes, with the opportunity to be mentored by leading experts in the field, and in some cases potential for co-authorship on academic research papers, policy papers or op-eds and blogs.

The Research Assistant should have either a Bachelor's or Master's degree in Economics, Math, Computer Science, Statistics, or other closely related disciplines, with substantial quantitative work. The ideal candidate will have (i) a strong quantitative background, (ii) strong programming skills, (iii) strong writing skills, (iv) the ability to work independently to solve problems, and (v) a long-term interest in pursuing research in economics. Regarding (ii), experience with programming languages such as Matlab, Python or Julia and with statistical software such as R or Stata is essential.

You should have good communication skills, ability to work independently, good time management and planning skills, and ability to take initiative in pursuing the objectives of the project.

The other criteria that will be used when shortlisting for this post can be found on the person specification which is attached to this vacancy on the LSE's online recruitment system.

We offer an occupational pension scheme, generous annual leave and excellent training and development opportunities.

**To apply for this post, please visit the [official job ad on LSE's online recruitment system](#). Please also enter your details via [this form](#). Should you have any queries about the role, please email [C.Simmons1@lse.ac.uk](mailto:C.Simmons1@lse.ac.uk).**

**The closing date for the receipt of applications is 29 April 2019 (23.59 UK time). Regrettably, we cannot accept any applications received after this date.**