

16/03/2022



# Full Time Research Assistant Position at UPF Barcelona Sponsored by ERC

This job offer has expired

## Where to apply

Application Deadline: 31/03/2022 23:00 - Europe/Athens

## Contact Details

Where to send your application.

### COMPANY

UNIVERSITAT POMPEU FABRA

### E-MAIL

renjie.bao@upf.edu

## Hiring/Funding Organisation/Institute

### ORGANISATION/COMPANY

UNIVERSITAT POMPEU FABRA

### COUNTRY

Spain

### DEPARTMENT

Department of Economics and Business

### CITY

Barcelona

### ORGANISATION TYPE

Higher Education Institute

### POSTAL CODE

08005

### WEBSITE

<http://www.econ.upf.edu>

### STREET

C. Ramon Trias Fargas, 25-27

### ORGANISATION/COMPANY

UNIVERSITAT POMPEU FABRA

### LOCATION

Spain › Barcelona

### RESEARCH FIELD

Economics

### TYPE OF CONTRACT

Temporary

### RESEARCHER PROFILE

First Stage Researcher (R1)

### JOB STATUS

Full-time

### APPLICATION DEADLINE

31/03/2022 23:00 - Europe/Athens

### HOURS PER WEEK

35

**EU RESEARCH FRAMEWORK PROGRAMME**

H2020 / ERC

**REFERENCE NUMBER**

882499

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## OFFER DESCRIPTION

Jan Eeckhout is looking to hire a highly motivated research assistant for a pre-doctoral position. The position is full time and will be based at Universitat Pompeu Fabra, Barcelona, Spain.<sup>1</sup> The position starts in Summer 2022 for a duration of two years. The position is ideal for students with a long term interest in Economics and those who are looking for research experience in an academic setting prior to enrolling in a PhD in Economics.

The research work is primarily concerned with the effect of market power on the labor market, as well as with search, matching and sorting theory applied to labor markets. The job duties of the research assistant include:

1. Advanced empirical work on the recent developments in the labor market. This would require collecting data, cleaning data and detailed data analysis using large data sets like the CPS, ACS, SIPP, LEHD and COMPUSTAT. Routine tasks would involve not only replication of findings in current literature but also using novel methodologies to establish new findings about the labor market.
2. Advanced computational work involving coding heterogeneous agent models and conducting estimation of key model parameters to match the moments in the data and test model predictions.
3. Theoretical modeling and knowledge of models of the labor market (search and matching) and market power are necessary to estimate and numerically solve these model economies.
4. Attention to detail and documenting the research tasks performed are a crucial part of the job. It is expected that the candidate conducts independent literature reviews and incorporates and adheres to state of the art empirical and computational standards.

## More Information

ADDITIONAL INFORMATION

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## Selection process

Selection Procedure:

1. Stage 1: To apply please send your C.V and Cover letter (Max. 1 page) detailing your suitability for the job as a single pdf document to [renjie.bao@upf.edu](mailto:renjie.bao@upf.edu).
2. Stage 2: Shortlisted candidates may be asked for reference letters, perform a computational task and will be invited for a short skype interview.

The Deadline for Stage 1 is Sunday, 31th March, 2022

REQUIREMENTS

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## Offer Requirements

**REQUIRED LANGUAGES**

ENGLISH: Excellent

## Skills/Qualifications

Desired Qualifications:

1. Computational Aptitude: Given the type of work involved ideal candidates would have an exceptionally strong programming background. The candidate must possess experience working with MATLAB and Stata. In addition, working knowledge of R and Python along with knowledge of numerical optimization and estimation techniques is desirable.
2. Educational Background: Bachelors degree in Economics, Statistics, Applied Mathematics or related field. A masters degree in Economics, Computational Economics or a related field is a plus. An interest in theory is necessary.
3. Future Aspirations: An interest in pursuing a PhD in Economics or a related field is desirable. Prior exposure in the form of courses or research papers in the field of macro-labor or search and matching theory is an advantage.

**WORK LOCATION(S)**

2 position(s) available at  
UNIVERSITAT POMPEU FABRA  
Spain

Barcelona  
08005  
C. Ramon Trias Fargas, 25-27

EURAXESS offer ID: 758545

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