



Call for expressions of interest

Postdoctoral researcher (3-4 years)

The Department of Economics (Economic Theory section) at the [University of Barcelona School of Economics](#) is seeking to fill a position of a Postdoctoral Researcher in a Horizon EU-funded project.

The successful applicant will work on Overlapping Generations (OLG) models, both small-scale endogenous fertility models and large-scale models with exogenous fertility. The team will be composed of members of the UB School of Economics (the project coordinator, Prof. [Ció Patxot](#) and Associate Prof. [Gemma Abió](#)) and Prof. [Alexander Ludwig](#) (Goethe University Frankfurt). Applicants should have a strong interest and proven expertise in the field of dynamic macroeconomics with changing population structure.

Applicants should have a strong interest and proven expertise in the mentioned modelling approach. Additional background on family and population economics will be also positively valued.

The position is offered for three years, and it can be extended subject to a positive evaluation and funding. The position can start at the candidate's earliest convenience or in September 2023. This postdoctoral position does not involve teaching and the salary conditions are competitive (35K gross per year). The successful candidate must have obtained a Ph.D. degree when taking up the position.

The University of Barcelona is a leading center in southern Europe, with a strong commitment to excellence in research. It enjoys a long tradition of teaching, offering both undergraduate and postgraduate degree programmes in the field of Economics and Business, the [UB School of Economics](#) provides an important platform for research and graduate education in Economics.

We are committed to equality of opportunities and we support under-represented groups and values diversity. A formal Plan for Equal Opportunities between men and women is being implemented at the University. The University welcomes applications from individuals with disabilities and is committed to ensuring fair treatment throughout the recruitment process, in compliance with the Spanish General Law on the Rights of Persons with Disabilities and their social inclusion (LGD).

Application instructions:

Applications should be submitted via EconJobMarket (econjobmarket.org/positions/9144) and must include a cover letter describing the applicant's own research interests and how their research experience fits within the project, a full CV, one writing sample (article, thesis chapter or manuscripts), and three reference letters.

Interviews will be conducted virtually starting in mid-December.

Deadline for applications: December 3, 2022.

Email enquiries should be directed to: school.economics@ub.edu

Job start date: Flexible (until September 2023)

Project abstract:

The project aims to contribute to a resilient Europe and sustainable welfare systems by analyzing (both theoretically and empirically) the impacts of an ageing population, with stakeholder involvement throughout the project aiming to:

a) investigate the behavioral reactions in key lifetime decisions along the lifecycle (education, skills, fertility, work effort, home production, savings and retirement) and the decision process itself leading to prosocial behavior;

b) measure how agents recur to the three available resource allocation mechanisms to provide wellbeing (market, family and welfare state) along the lifecycle. This will be analyzed by building National Transfer Accounts at individual level, using comparable EU datasets. This will be incorporated as inputs in a dynamic microsimulation comparative model quantifying the future of ageing societies.

This holistic and data-driven analytical approach towards ageing societies will be adopted to provide a new scientific understanding of the challenges and opportunities arising in the silver economy. In combination with co-creation techniques, this approach will produce outputs impacting policymaking concerning labor markets and welfare.