

Javier López Segovia

PERSONAL INFORMATION

Address: CEMFI, Casado del Alisal 5, 28014, Madrid (Spain)
Email: javier.lopez@cemfi.edu.es
Mobile: (+34) 660 68 17 29
Webpage: <https://sites.google.com/view/javierlopezsegovia/>

PLACEMENT COORDINATORS

Josep Pijoan-Mas, pijoan@cemfi.es
Tom Zohar, tom.zohar@cemfi.es

RESEARCH INTERESTS

Macroeconomics, Labor Economics and Public Economics

EDUCATION

Ph.D. in Economics, CEMFI	2018–2022
M.Sc. in Economics and Finance, CEMFI	2016–2018
Advanced Studies Program in Economic Policy Research, Kiel IfW	2015–2016
M.Sc. in International Economics, Universidad Autónoma de Madrid	2014–2016
B.Sc. in Physics, Universidad Autónoma de Madrid	2010–2014
Erasmus student (4th year), Université Joseph Fourier, Grenoble	2013–2014

RESEARCH EXPERIENCE AND EMPLOYMENT

Research Assistant to Prof. Nezh Guner, CEMFI	2018–2019, 2020–2022
Research Assistant to Prof. Josep Pijoan-Mas, CEMFI	2017 (summer), 2019–2022
Trainee, Laboratoire Interdisciplinaire de Physique, Grenoble	Apr 2014–July 2014

TEACHING EXPERIENCE

Macroeconomics I (Master), TA to Prof. Josep Pijoan-Mas, CEMFI	Winter 2020, 2021
Quantitative Macroeconomics (Master), TA to Prof. Nezh Guner, CEMFI	Fall 2018

JOB MARKET PAPER

[Consumption Commitments and Unemployment Insurance](#)

Households allocate about 40% of their budget to goods and services that are difficult to adjust, such as rents, mortgages, insurance, or mobile plan contracts. Each quarter only about 11% of households adjust the consumption of such items, which are called “commitments” in the literature. Commitments imply monthly payments that are hard to avoid and amplify risk aversion since the adjustment is mainly made on goods that are easier to adjust. This limits households’ ability to smooth consumption, making employment and income fluctuations more costly. In this paper, we study the role of unemployment insurance when households consume two goods, an adjustable good and a commitment good. We build a

search model with heterogeneous agents and incomplete markets, where individuals face unemployment shocks and exert effort to find a job while unemployed. The government runs an unemployment insurance (UI) program. The model is calibrated to the US economy and matches, among other targets, the elasticity of unemployment duration with respect to the UI generosity. We first use the model to assess how commitments affect search behavior. We show that reducing the UI generosity has a more significant effect on search effort and unemployment durations than an economy without commitments. Commitments also induce households to build larger precautionary savings. We then calculate the welfare benefits of unemployment insurance. In the benchmark economy with commitments, eliminating the UI implies a welfare cost of around 4.5% (measured by a consumption compensating variation). The cost is higher for poorer households. In an economy without commitment, the welfare cost of eliminating UI is only 3.4%.

WORKING PAPERS

[Intergenerational Persistence in Welfare Program Participation](#) (with Borja Petit)

Participation in social insurance (welfare) programs exhibits a significant persistence across generations. Children of welfare program participants are more likely to participate in these programs when they become adults, even after controlling for their income. This suggests some persistence in some underlying factors that affect the participation decisions of eligible households. While some eligible households in need might choose not to participate, other eligible households in better conditions benefit from welfare programs, limiting the effectiveness of these programs. To understand the source of this persistence and its implications on households and their children, we build a quantitative model overlapping generations with heterogeneous agents and incomplete markets. In the model, poor households may decide not to receive welfare transfers due to a utility cost from program participation. This cost depends on whether parents of a household had participated in welfare programs. Households also invest money and time in children's skills, which determine their labor-market ability as adults. The model is calibrated to the US data on welfare participation, income inequality, and intergenerational mobility from the 2000s. Using our calibrated model, we study how much of the persistence in welfare participation is due to the cost of participation and how this persistence affects parental investment in children. We find that around 20% of the intergenerational correlation in welfare participation can be explained by the transmission of the welfare culture across generations.

PUBLICATIONS

Economics

- “[Reforming the Individual Income Tax in Spain](#)” with Nezh Guner and Roberto Ramos, *SERIEs: Journal of the Spanish Economic Association*, 2020, Vol. 11, pp. 369-406

Physics

- “The absorption spectrum of $^{13}CH_4$ in the region of the $2\nu_3$ band at $1.66\mu\text{m}$: Empirical line lists and temperature dependence” with A. Campargue, S. Béguier, S. Kassi and D. Mondelain, *Journal of Quantitative Spectroscopy & Radiative Transfer*, 2015, Volume 152, pp. 140-148

SCOLARSHIPS AND AWARDS

SAEe PhD student grant	2019
Best Third-Year Paper Award, CEMFI	2019
María de Maeztu PhD Scholarship, CEMFI	2018–
Fundación Ramón Areces PhD Scholarship	2018–2020
María de Maeztu PhD Track Fellowship, CEMFI	2017–2018
CEMFI Master Economics and Finance Full Scholarship	2016–2017
Full tuition waiver, Kiel IfW	2015
Erasmus Grant, European Commission	2013–2014

CONFERENCE PRESENTATIONS

2019: SAEe (Alicante)

PROGRAMMING SKILLS

Fortran, Matlab, R, Julia, Stata and \LaTeX

LANGUAGES

Spanish (native), English (fluent), French (intermediate), German (basic)

REFERENCES

Nezh Guner (advisor)	Josep Pijoan-Mas	Pedro Mira
Professor	Professor	Professor
CEMFI	CEMFI	CEMFI
Email: nezh.guner@cemfi.es	Email: pijoan@cemfi.es	Email: mira@cemfi.es