

# Darío Serrano-Puente

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 John M. Keynes No. 1-11, 08034 Barcelona, Spain Birth : Nov 1994, Fuentepelayo (Segovia), Spain



## PhD Candidate in Economics @ Universitat de Barcelona & IEB

### Research Interests

**Economic fields :** Public Economics, Public Finance, Taxation, Household Finance, Inequality  
**Technical fields :** Causal-Inference, Micro-Simulation, Linked Admin Micro-Data, Survey Micro-Data

### Affiliations

Sep 2021 - Present *PhD Candidate*, **Universitat de Barcelona School of Economics**, Barcelona (Spain)  
Sep 2021 - Present *Pre-Doctoral Research Fellow*, **Institut d'Economia de Barcelona (IEB)**, Barcelona (Spain)

### References

**Dirk Foremny**, Universitat de Barcelona School of Economics  
 Associate Professor  
 Barcelona (Spain)  
 foremny[at]ub.edu

**Miguel Almunia**, CUNEF  
 Director of the Department of Economics  
 Madrid (Spain)  
 miguel.almunia[at]cunef.edu

### Education

Sep 21 - Apr 25 (expected) **PhD in Economics, Universitat de Barcelona (UB)**, Barcelona (Spain)  
 **Universitat de Barcelona School of Economics** and **Institut d'Economia de Barcelona (IEB)**  
 *PhD Thesis* : “Essays on Public Finance” [Slides]  
 *Advisors* : **Prof. Dirk Foremny** (UB, IEB), **Prof. Miguel Almunia** (CUNEF)  
 *Status* : Research Plan (1<sup>st</sup>-year) and Progress Report (2<sup>nd</sup>-year and 3<sup>rd</sup>-year) positively approved  
 *Visiting abroad* : (Sep 23 — Dec 23) Research stay at **Institute for Fiscal Studies (IFS)** & **University College London (UCL)**

Sep 17 - Jan 20 **Master of Science in Economics, Universität Mannheim (UniMA)**, Mannheim (Germany)  
 **Department of Economics**  
 *Recognition in* : Master's Thesis  
 *MSc Thesis* : “Optimal Progressivity of Personal Income Tax : A General Equilibrium Evaluation for Spain” [Manuscript]  
 *Advisor* : **Prof. Krzysztof Pytka**(UniMA)

Sep 12 - Jul 16 **Bachelor in Economics, Universidad Autónoma de Madrid (UAM)**, Madrid (Spain)  
 **Faculty of Economics**  
 *Excellence track* : **Cooperación Educativa** (Dual education program with 8-months full-time work)  
 *Stay abroad* : Visiting (Erasmus +) student at **Universität Mannheim** (Jan 16 - Jul 16)  
 *High Honors in* : Macroeconomics, Statistical Learning, Spanish Economic History, World Economic History, Sociology, Public Economics, Economic Structure and International Economic Relations  
 *BA Thesis* : “Sociopolitical Environment and Current Economic Situation : Determinants of Ideology in Europe, 2002 - 2014” [Manuscript]  
 *Advisor* : **Prof. Rocío Sánchez-Mangas**(UAM)

### Publications

#### Peer-Refereed Publications

- > “Are We Moving Toward An Energy-Efficient Low-Carbon Economy? An Input-Output LMDI Decomposition of CO2 Emissions for Spain and the EU28”. *SERIEs - Journal of the Spanish Economic Association*, vol. 12(2), special issue on “*The Economics of the Energy Transition*” (2021), doi : 10.1007/s13209-020-00227-z.  
 [Google Scholar] [Bank of Spain - Working Paper n. 2104 (2021)] [Manuscript] [Twitter Summary-Thread]

- > “Optimal Progressivity of Personal Income Tax : A General Equilibrium Evaluation for Spain”. *SERIEs - Journal of the Spanish Economic Association*, vol. 11(4) (2020), doi : 10.1007/s13209-020-00226-0.  
 Google Scholar Bank of Spain - Working Paper n. 2101 (2021) Manuscript Summary-Thread  
 Distinction : [Research Feature Bank of Spain 2021]

## Policy-Oriented Published Work

- > “1ª Opinión sobre el Ingreso Mínimo Vital” (collaboration with AIReF). *Informe de opinión*, n. 1/2022.  
 Summary Video Published Manuscript Presentation Summary-Thread
- > “Recent Changes in CO2 Emissions in Spain” (with Llanos Matea and Aitor Lacuesta). *Bank of Spain - Economic Bulletin*, n. 2/2021, Box n. 6 (2021).  
 Google Scholar Spanish version Summary-Thread
- > “Effects of E-Commerce on Prices and Business Competition” (with Aitor Lacuesta and Pau Roldán). *Bank of Spain - Economic Bulletin*, n. 4/2020, Analytical Article n. 38 (2020).  
 Google Scholar Spanish version Summary-Thread

## Academic Employment

May 2022  
Present



**Universitat de Barcelona**, Barcelona (Spain)

*Pre-Doctoral PhD Researcher* | Department of Economics

*Description* : Research for my doctoral thesis, teaching, visiting research stays abroad.

*Full-time*. This is a 3-year contract that emerges from a PhD fellowship grant, which is funded by the Generalitat de Catalunya, through its Agency for Management of University and Research Grants (AGAUR). This scholarship is formalized through a 3-year temporary contract that provides me with funding for my doctoral studies and for research stays / visiting at universities abroad. This contract also allows me to hold different lectures, courses and subjects (teaching duties) for BA or MSc Economics degrees.

Sep 2023  
Dec 2023



**Institute for Fiscal Studies (IFS)**, London (United Kingdom)

*Visiting PhD Researcher* | Taxation Units

*Description* : Visiting research stay abroad to boost my doctoral thesis and collaborate in policy work.

*Full-time*. 3-month research stay at the Department of Economics of the University College London (UCL) with effective workplace at the Institute for Fiscal Studies (IFS) (an independent institution closely connected to UCL-Econ) under the supervision of Anne Brockmeyer (WB, IFS, UCL).

September 2021  
April 2022



**AIReF (Autoridad Independiente de Responsabilidad Fiscal)**, Madrid (Spain)

*PhD Researcher - Trainee* | Public Policy Evaluation Division

*Description* : Quantitative modeling and research work on minimum income systems, public pension design, fiscal policy issues, and efficiency of public spending.

*Full-time*. Collaboration agreement between [Universitat de Barcelona - UB School of Economics](#) and AIReF which allows selected PhD student to complete one year of the PhD program working as a Researcher (through a research grant) at AIReF.

March 2021  
August 2021



**CUNEF (Colegio Universitario de Estudios Financieros)**, Madrid (Spain)

*Research Economist* | Department of Economics

*Description* : Quantitative modeling and research work on fiscal policy issues, especially taxation at the top and firm's tax compliance effects.

*Full-time*.

September 2019  
March 2021



**Banco de España**, Madrid (Spain)

*Research Economist - Assistant* | Structural Analysis Division | DG Economics, Statistics and Research

*Description* : Quantitative modeling and research work on fiscal policy issues, taxation and redistribution, income and wealth inequality, energy efficiency and climate change, firm dynamics, market power, policy evaluation through micro-simulation tools, minimum wage, negative income tax, universal basic income.

*Full-time*.

January 2019  
July 2019



**NERA Economic Consulting**, Madrid (Spain)





*Research Associate* | Energy Division

*Description* : Energy market research, competitor analysis, economic research support for litigation cases and arbitrations related to price reviews in long-term gas supply contracts, due diligence evaluations in support of acquisitions of regulated network assets, gas market design.

*Part-time (50%)*.

## Conferences, Seminars & Workshops




### Conferences

- 2024 MannheimTaxation 2024 - 11<sup>th</sup> Annual Mannheim Taxation Conference,  Mannheim (Germany).  
2023 SAEe2023 - 48<sup>th</sup> Symposium of the Spanish Economic Association,  Salamanca (Spain).  
MADPub2023 - Madrid Public Economics Workshop CUNEF,  Madrid (Spain).  
2022 Public Finance Workshop CUNEF 2022,  Madrid (Spain).

### Invited Seminars

- 2024 Institut d'Economia de Barcelona Seminar Series,  Barcelona (Spain).  
2021 Banco de España Seminar Series,  Madrid (Spain).  
2020 Banco de España Seminar Series,  Madrid (Spain).

### Organization activities

- 2023 Organization duties and sessions' host @ Workshop on the Economics of Taxation 2023,  Barcelona (Spain).  
2021 Sessions' host @ EWMES21 - European Winter Meetings of The Econometric Society 2021,  Barcelona (Spain).  
Sessions' host @ SAEe2021 - 46<sup>th</sup> Symposium of the Spanish Economic Association,  Barcelona (Spain).

## Teaching

- 2024 Introduction to Economics,  Universitat de Barcelona,  Barcelona (Spain). [Bachelor (Undergrad) level, 6 ECTS]  
2023 Introduction to Economics,  Universitat de Barcelona,  Barcelona (Spain). [Bachelor (Undergrad) level, 6 ECTS]













## Refereeing Activity

(x2) SERIES  13209 Environment, Development and Sustainability  10668

## Grants, Honors & Awards

- Sep 2024 - Aug 2026 Catalan IEA funding for project "Centralized tax instruments, tax avoidance, and its regional effects". [€10,000, member]  
Sep 2023 - Dec 2023 SEBAP mobility grant for research stay @ IFS & UCL. [€4,200]  
Jun 2023 - May 2024 Fundació Banc Sabadell pre-doctoral research funding for research activities and visiting @ IFS & UCL. [€6,000]  
Sep 2022 - Aug 2025 Ministry of Science funding for project "Taxation and redistribution between globalization and decentralization". [€11,000, member]  
Jan 2022 - Jun 2025 AGAUR (Generalitat de Catalunya) research group funding for the Institut d'Economia de Barcelona. [€60,000, member]  
May 2022 - Apr 2025 FI-AGAUR (Generalitat de Catalunya) PhD fellowship grant @ Universitat de Barcelona. [€56,000]  
Sep 2021 - Aug 2022 AIReF-UB collaboration agreement for PhD traineeship grant @ AIReF. [€18,000]  
Oct 2021 - Jul 2022 UB School of Economics incoming PhD TA/RA grant @ Universitat de Barcelona. [€8,000, non-formalized acceptance]  
Jan 2020 High Honors Recognition in Master's Thesis @ Universität Mannheim.  
Sep 2019 - Mar 2021 Banco de España Research Assistant fellowship grant @ Banco de España [€64,000].  
Jan 2016 - Jul 2016 Erasmus + mobility grant in BA studies for visiting @ Universität Mannheim [€1,800].  
Sep 2014 - Jul 2016 Cooperación Educativa Excellence Track in BA studies @ Universidad Autónoma de Madrid [€4,000].  
Sep 2013 - Jul 2016 High Honors Tuition Waiver (45 ECTS) in BA studies @ Universidad Autónoma de Madrid [€1,200].

## Computer Literacy

 Stata	 Matlab	 RStats	 Python	 Julia	 Fortran
 Euromod	 Git	 HTML & CSS	 VS Code	 TeX	 Power BI

## Languages

Spanish	● ● ● ● ● ●	Native
English	● ● ● ● ● ●	Fluent CEFR C1
German	● ● ● ● ● ●	Fluent CEFR B2
Catalan	● ● ● ● ● ●	Intermediate CEFR B1

## Other Professional Experience


June 2017  
August 2017



**Huercasa**,  Sanchonuño (Spain)

Sales Agent - Wholesale & Retail | Commercial Department

 Description : Commercial relations of international stature, distribution logistics, follow-up of sales, marketing strategies and modeling.


 Full-time.


February 2017  
April 2017



**John Deere**,  Mannheim (Germany)

Business Processor - Order Processing and Finance | Financial Department

 Description : Dealer's portfolio management, settlement, and order fulfillment activities, e-billing, accounting and bookkeeping, SAP, customer financing, high risk management.

 Full-time.

January 2015  
December 2015



**Management Solutions**, 📍 Madrid (Spain)

*Consultant in Financial and Commodities Risk Consulting* | Financial Risks Area

📖 *Description* : Risk normative for banking, quantitative risk modeling, regulatory reporting (EBA, ECB, European Commission, FSB), capital requirements, risk management (credit, operational, methodology, and liquidity risk).

📅 *Full-time*. Collaboration agreement under the [Cooperación Educativa Excellence Track](#).

(Last update : December 27<sup>th</sup>, 2024. Access latest version [here](#).)

(If you like this CV template, feel free to get [here](#) my LuaLaTeX source-codes to build it up.)