

José Nicolás Rosas

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CONTACT INFORMATION

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CURRENT APPOINTMENTS

2025 -	Banco de España , Senior Research Economist, DG Economics, Monetary Policy and International Economy Department
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EDUCATION

2021 - 2025	Universitat Pompeu Fabra , Ph.D. in Economics, Barcelona, Spain <i>Thesis:</i> Essays on the Macroeconomic Implications of Climate Change (<i>Cum Laude</i>) <i>Advisors:</i> Jordi Galí, Davide Debortoli
2020 - 2021	Universitat Pompeu Fabra , MRes in Economics, Finance and Management, Barcelona, Spain
2019 - 2020	Barcelona School of Economics , Master Program in Economics, Barcelona, Spain
2014 - 2016	Universidad de los Andes , Master of Arts in Economics, Bogotá, Colombia
2010 - 2014	Universidad de los Andes , Bachelor of Arts in Business Administration, Bogotá, Colombia
2008 - 2014	Universidad de los Andes , Bachelor of Arts in Economics, Bogotá, Colombia

FIELDS OF INTEREST

<i>Primary</i>	Macroeconomics
<i>Secondary</i>	Monetary Economics, Time Series Econometrics, Climate and Energy

RESEARCH

Publications

The Poor and the Rich: Preferences Over Inflation and Unemployment with Marc Hofstetter, June 2021, *Journal of Money, Credit and Banking*, Volume 53, Issue 4, pages 875-895.

Ponzi schemes and the financial sector: DMG and DRFE in Colombia with Marc Hofstetter, Daniel Mejía and Miguel Urrutia[†], November 2018, *Journal of Banking & Finance*, Volume 96, pages 18-33.

Policy Publications

The African Continental Free Trade Area: Potential Economic Impact and Challenges with Lisandro Abrego, Mario de Zamaroczy, Tunc Gursoy, Garth P. Nicholls and Hector Perez-Saiz, May 2020, *IMF Staff Discussion Notes No. 2020/04*, International Monetary Fund.

Trade Potential in Southern Cone Countries with Soledad Feal-Zubimendi, Fabiano Rodrigues Bastos and Daniel Hernaiz, March 2018, *IDB Technical Notes No. IDB-TN-01397*, Inter-American Development Bank.

Working Papers

Carbon Emissions and the Transmission of Monetary Policy, 2025

Floods and Adaptation Strategies: Evidence from Indian Manufacturing with Marko Irisarri and Alejandro Rábano, 2025

Lessons from a Bubble Burst with Marc Hofstetter, 2025, *Revise & resubmit at the Journal of Financial Literacy and Wellbeing*

Work in Progress

Climate Sentiment Shocks with Andresa Lagerborg

The Rise of Market Power and the Flattening of the Phillips Curve

HONORS, AWARDS AND GRANTS

Honors and awards

2024 **Best Paper by a Junior Researcher**, 2nd Edition of the UEA ECO Time Series Workshop

Fellowships and grants

2022 - 2025 **Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)**, *Ajuts Joan Oró per a la contractació de personal investigador predoctoral en formació (FI-2022)*

2021 - 2022 **Universitat Pompeu Fabra**, *Personal investigador predoctoral en formació (PIPF1)*

PREVIOUS RESEARCH AND PROFESSIONAL EXPERIENCE

2022 - 2023 **Universitat Pompeu Fabra**, Research Assistant for Professor Andrea Caggese

2018 - 2019 **International Monetary Fund**, Research Analyst at the African Department (AFR-C2)

2016 - 2018 **Inter-American Development Bank**, Research Fellow at the Southern Cone Department

2014 - 2016 **Universidad de los Andes**, Research Assistant for Professors Marc Hofstetter and Daniel Mejía

TEACHING EXPERIENCE

Undergraduate

2022 **Universitat Pompeu Fabra**, International Economics (Bachelor level, TA)

2022 **Universitat Pompeu Fabra**, Probability and Statistics (Bachelor level, TA)

2021 **Universitat Pompeu Fabra**, Data Analysis (Bachelor level, TA)

2014 - 2016 **Universidad de los Andes**, Introduction to Macroeconomics (Bachelor level, TA)

2014 - 2016 **Universidad de los Andes**, Microeconomics II (Bachelor level, TA)

2014 - 2016 **Universidad de los Andes**, Macroeconomics III (Bachelor level, TA)

2010 - 2014 **Universidad de los Andes**, Monetary Policy and Theory (Bachelor level, TA)

PRESENTATIONS IN SEMINARS, WORKSHOPS AND CONFERENCES (* scheduled)

2025 3rd Colombian Economics Conference (Bogotá), 2025 International Energy Workshop (Nara), Theories and Methods in Macro (T2M) (Paris), 1st Congress of the Latin American and the Caribbean Association of Environmental and Resource Economists (Bogotá)

2024 2024 European Winter Meeting of the Econometric Society (Palma de Mallorca), RES PhD Conference 2024 (Portsmouth), 7th Annual Meeting of CEBRA's International Finance and Macroeconomics Program (Luxembourg), National Academies' Workshop on the Macroeconomic Implications of Decarbonization Policies and Actions (online), Econometric Models of Climate Change (EMCC) VIII (Cambridge), 6th QMUL Economics and Finance Workshop for PhD & Post-doctoral Students (London), 2nd Edition of the UEA ECO Time Series Workshop (Norwich), BSE Ph.D. Jamboree 2024 (Barcelona), CREi Macroeconomics Lunch Workshop (Barcelona)

2023 BSE Ph.D. Jamboree 2023 (Barcelona), CREi Macroeconomics Lunch Workshop (Barcelona)

ADDITIONAL COURSEWORK

2025 Causal Inference with VARs (EABCN Training School, Instructor: *Giovanni Ricco*), Bootstrap and its Applications to Panel and Factor Models (EABCN Training School, Instructor: *Sílvia Gonçalves*)

2024 Time Series Models for Macroeconomic Analysis II (BSE Summer School, Instructor: *Giovanni Ricco*), Empirical Methods for Business-Cycle Analysis (EABCN Training School, Instructor: *Christian Wolf*), Difference-in-Differences and Event Study Estimators with Panel Data (EABCN Training School, Instructor: *Jeffrey Wooldridge*)

2023 Bayesian Time Series Methods (BSE Summer School, Instructors: *Andrea Carriero*), Python and R Programming for Data Science (BSE Summer School, Instructor: *Paul Rognon*)

2022 Time Series Models for Macroeconomic Analysis I (BSE Summer School, Instructor: *Luca Gambetti*), Dynare Summer School (Dynare), Finance for Macroeconomists: High Frequency Analysis, News, Surprises and Shocks (EABCN Training School, Instructor: *Refet Gürkaynak*), Mixed Frequency Data (MIDAS) with Applications to Machine Learning and Big Data (EABCN Training School, Instructor: *Eric Ghysels, Massimiliano Marcellino, Jonas Straukias*), The Macroeconomics of Climate Change (EABCN Training School, Instructors: *John Hassler, Per Krusell*)

2021 Macroeconomic Modeling and Estimation with Dynare (Universität Würzburg, Instructors: *Maik Wolters, Eric Mayer*), Formulating and Estimating DSGE Models (EABCN Training School, Instructors: *Martin Eichenbaum, Mathias Trabandt*), The Zero Lower Bound and Secular Stagnation (EABCN Training School, Instructor: *Gauti Eggertsson*)

LANGUAGES AND TECHNICAL SKILLS

<i>Languages</i>	Spanish (native), English (fluent), Portuguese (advanced), German (basic), Catalan (basic)
<i>Programming</i>	Matlab, Dynare, R (basic), Python (basic)
<i>Statistics</i>	Stata, EViews, Gretl
<i>Other software</i>	QGIS
<i>Nationality</i>	Colombian, Spanish