JORGE M. URIBE

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Academic Appointments

2019 – Present	Associate Professor Universitat Oberta de Catalunya, Faculty of Economics and Business (Barcelona, Spain)
2018 – 2019	Assistant Professor Universidad del Valle, Faculty of Economics (Cali, Colombia)
2017 Sep-Nov	Visiting PhD Student HSG, University of St. Gallen, School of Finance (St. Gallen, Switzerland)
2013 – 2018	Lecturer Universidad del Valle, Faculty of Economics (Cali, Colombia)
2009 – 2011	Lecturer Universidad del Valle, Faculty of Economics (Cali, Colombia)

Affiliations

Riskcenter-IREA (University of Barcelona), Research Group in Quantitative Finance (Universidad del Valle), Colombian Economists Network (RieC), ESADE (MSc. Finance)

Education

2015 – 2018	PhD. Economics University of Barcelona, Spain
2020 – 2021	MSc. Artificial Intelligence Polytechnic University of Catalonia, Spain
2011 – 2012	MRes. Economics European University Institute, Italy
2008 – 2009	MSc. Economics Universidad de los Andes, Colombia

Research

Research Interests

Finance: International Finance, Asset Pricing, Corporate Finance, Systemic Risk, Energy Markets, Emerging Markets, Climate Finance

Macroeconomics: Fiscal Crises, Now-casting and Forecasting, Sovereign Debt Markets, Monetary Policy, Uncertainty

Published Papers

[1.] 2023: with Chuliá, H., Mosquera, S., "Nonlinear market liquidity: An empirical examination" **International Review of Financial Analysis,** *forthcoming*

[2.] 2023: with Guillen, M.,Vidal, X., "Understanding the sources of international risk spillovers: Country and sector membership from the firm's perspective" **Journal of International Financial Markets, Institutions & Money**, *forthcoming*

[3.] 2023: with Chuliá, H., "Expected, unexpected, good and bad aggregate uncertainty" **Studies in Nonlinear Dynamics & Econometrics,** f*orthcoming*

[4.] 2023: with Gomez-Gonzalez J.E.,Valencia, O., "Risk spillovers between global corporations and Latin American sovereigns: global factors matter" **Applied Economics,** forthcoming

[5.] 2022: with Gomez-Gonzalez J.E., Hirs-Garzon J., "Spillovers beyond the variance: exploring the higher order risk linkages between commodity markets and global financial markets". **Journal of Commodity Markets,** 28

[6.] 2022: with Arena, O., Mosquera, S., "Assessing the relationship between electricity and natural gas prices across European markets in times of distress". **Energy Policy** 166

[7.] 2022: with Gomez-Gonzalez J.E., Hirs-Garzon J., "Interdependent capital structure choices and the macroeconomy", **North American Journal of Economics and Finance** 62

[8.] 2022: with Mosquera, S., "Pricing the risk due to weather conditions in small variable renewable energy projects" **Applied Energy** 322

[9.] 2022: with Joaqui, O., Manotas, D.,"Commonality, macroeconomic factors and banking profitability" **North American Journal of Economics and Finance** 62

[10.] 2021: with Chuliá, H., "Asymmetric volatility spillovers and consumption risk-sharing" **Applied Economics** 53

[11.] 2021: with Chuliá, H., Koser C., "Analyzing the nonlinear pricing of liquidity risk according to the market state" **Finance Research Letters,** 38

[12.] 2020: with Guillén M., Mosquera, S., "Characterizing electricity market integration in Nord Pool" **Energy** 208 (C)

[13.] 2020: with Manotas, D., Restrepo, N., "Dynamic capital structure under changing market conditions in the oil industry: An empirical investigation" **Resources Policy** 69

[14.] 2020: with Holguin, J.S., "The credit supply channel of monetary policy: evidence from a FAVAR model with sign restrictions" **Empirical Economics,** 59 (5): 2443-2472

[15.] 2020: with Chuliá, H., Koser C., "Uncovering the time-varying relationship between commonality in liquidity and volatility" **International Review of Financial Analysis,** 69 (C)

[16.] 2020: with Gomez-Gonzalez J.E., Hirs-Garzon J., "Giving and receiving: exploring the predictive-causality between oil prices and exchange rates" **International Finance**, 23 (1): 175-194

[17.] 2019: with Chuliá H., Furió, M. D., "Volatility spillovers in energy markets" **Energy Journal**, 40(3): 173-197

[18.] 2018: with Guillén M., Mosquera, S., "Uncovering the nonlinear predictive causality between natural gas and electricity prices" **Energy Economics,** 74: 904-916

[19.] 2018: with Mosquera, S., Manotas, D., "Effect of stopping hydroelectric power generation on electricity prices: An event study approach" **Renewable and Sustainable Energy Reviews**, 94:456-467

[20.] 2018: with Manotas, D., Restrepo, N., "Financial risk network architecture of energy firms" **Applied Energy,** 215(C): 630-642

[21.] 2018: with Chuliá, H., Fernández, J., "Currency downside risk, liquidity, and financial stability" **Journal of International Money and Finance**, 89: 83-102

[22.] 2018: with Chuliá, H., Pinchao, A., "Risk synchronization in international stock markets" **Global Economic Review,** 47(2): 135-150

[23.] 2018: with Chuliá, H., Guillén M., "Trends in the quantiles of the life table survivorship function" **European Journal of Population,** 34 (5): 793-817

[24.] 2017: with Manotas, D., Mosquera, S., "Nonlinear empirical pricing in electricity markets using fundamental weather factors" **Energy,** 139(15): 594-605

[25.] 2017: with Chuliá, H., Guillén, M., "Spillovers from the US to Latin American and G7 stock markets: A VAR-quantile analysis" **Emerging Markets Review,** 31:32-46

[26.] 2017: with Chuliá, H., Guillén, M., "Uncertainty, systemic shocks and the global banking sector: has the crisis modified their relationship?" **Journal of International Financial Markets, Institutions & Money**, 50: 52-68

[27.] 2017: with Manotas, D., Mosquera, S., "Risk asymmetries in hydrothermal power generation markets" **Electric Power Systems Research**, 147: 154-164

[28.] 2017: with Chuliá, H., Guillén, M., "Measuring uncertainty in the stock market" **International Review of Economics and Finance,** 48: 18-33

[29.] 2017: with Chuliá, H., Gupta, R., Wohar, M., "Impact of US uncertainties on emerging and mature markets: Evidence from a quantile-vector autoregressive approach" **Journal of International Financial Markets, Institutions & Money**, 48: 178-191

[30.] 2016: with Chuliá, H., Guillén, M., "Modeling longevity risk with generalized dynamic factor models and vine copulae" **Astin Bulletin**, 46(1): 165-190

[31.] 2015: with Fernández, Jiménez, D.,"Volatility regimes of the Colombian exchange rate and policy interventions"-in Spanish- **Investigación Económica**, 74(293), 131-170

Grants

[1.] Researcher, Agència de Gestió d'Ajust Universitaris i de Recerca, "Living with uncertainty and economic-impact analysis" (2021-23) [PANDEMIES 2020]

[2.] Researcher, Spanish Ministry of Science and Innovation- I+D+i projects, "Quantitative Risk Analysis" (2020-23) [PID2019-105986GB-C21]

[3.] Researcher, Fundación BBVA- Ayudas a Equipos de Investigación Científica en Big Data, “Risk analytics: turning extremes into core knowledge” (2019-21)

[4.] Principal Investigator, Fundación MAPFRE, Ayudas a la Investigación Ignacio H. Larramendi, “Insurance for a Renewable and Sustainable World” (2018-19)

[5.] Researcher, Fundación Ramón Areces- International Economics, “Good and bad uncertainty propagation across the global economy” (2017-19)

[6.] Researcher, Spanish Ministry of Economy and Competitiveness- I+D+i projects, “Dependent Risk and Applications (2016-19) [ECO2016-76203-C2-2-P]

[7.] Researcher, Spanish Ministry of Economy and Competitiveness- I+D+i projects, “Quantitative Methods for Risks Measurement and Pricing in Insurance Companies” (2016-18) [ECO2015-66314-R]

Seminars and Presentations

2022: Green Opportunities for the Energy Sector- X International Academic Symposium UB (Barcelona-Spain); Universidad EAFIT (online); Universidad del Valle (online), 42nd International Symposium on Forecasting (Oxford-UK); 29th Finance Forum (Santiago de Compostela, Spain), ICEE Bringing together Economics and Engineering (Porto); Global Conference on Bussiness and Finance (online); 8th International Symposium on Enviroment & Energy Finance Issues (online); 14th International Conference on Applied Energy (Bochum, Germany); XXI Latin-Iberoamerican Conference on Operations Research (Buenos Aires-Argentina)

2021: European Economic Association (online); International Finance and Banking Society X2 (online), German Finance Association (online).

2020: FinanceLab (Eafit, online); Research seminar Open University of Catalonia (online)

2019: Second Catalan Economic Society Conference (Barcelona-Spain); 28th European Financial Management Association (S. Miguel-Portugal) X2; Infiniti Conference (Glasgow-Scotland); 27th Finance Forum- AEFIN (Madrid-Spain) X2

2018: XI Seminari Annual, IREA-UB (Barcelona-Spain); XII Symposium in Engineering, Universidad del Valle (Cali-Colombia); Belgian Financial Research Forum (Brussels- Belgium); 16th Infiniti Conference on International Finance (Poznan-Poland); International Finance and Banking Society (Porto-Portugal); 26th Finance Forum (Santander-Spain); Central Bank of Colombia (Bogotá-Colombia); 25th Annual Meeting of the German Finance Association (Trier-Germany)

2017: 1st International Conference on Energy, Finance and the Macroeconomy (Montpellier-France); 26th European Financial Management Association (Athens-Greece); 25th Finance Forum (Barcelona-Spain) X2; 34th International Conference of the French Finance Association (Valence-France); PiF seminar, School of Finance, University of St. Gallen-HSG (St. Gallen-Switzerland)

2016: 25th European Financial Management Association (Basel-Switzerland); International Finance and Banking Society (Barcelona-Spain); 8th International Conference on Applied Energy (Beijing-China); 14th Infiniti Conference on International Finance (Dublin-Ireland); Energy and

Commodity Finance (Paris-France); 24th Finance Forum (Madrid-Spain); Central Bank of Colombia (Medellin-Colombia)

2015: 24th European Financial Management Association (Amsterdam-The Netherlands); 32nd International Conference of the French Finance Association (Paris-France); Central Bank of Colombia (Bogotá-Colombia)

Teaching Experience

Invited Lectures and Short Courses

- MSc Finance, ESADE-Universidad del Pacífico: Real Options (spring 2021, winter 2022, spring 2022, winter 2023)
- MSc Statistics and Operation Research, Polytechnic University of Catalonia: Quantile regression for economics and finance (summer 2018)
- PG.D Data Analytics University of Barcelona: Panel Data (spring 2019, spring 2020, spring 2021, spring 2022, spring 2023)

ESADE Business School (Barcelona, Spain)

- MSc. Finance: Advanced Derivatives (spring 2021)

Universitat Oberta de Catalunya (online)

- MSc. Finance: Derivatives (2022, 2023)
- MSc. Finance: Investment Analysis (2020, 2021, 2022, 2023)
- MSc. Finance, MBA: Financial Management (2020, 2021, 2022)
- MSc. Finance: Asset Liability Management (2019, 2020, 2021, 2022)
- MSc. Finance: Corporate Finance (2019)
- MBA : Introduction to Analysis of Financial Statements (2019, 2020, 2021, 2022, 2023)

Universidad del Valle (Cali, Colombia)

- MSc. Economics: Econometrics (2018)
- MSc. Economics: Advanced Econometrics (2015, 2018)
- PhD. Engineering: Financial Engineering (2018, 2019)
- MSc. Economics: Macroeconomics (2010, 2013, 2015, 2016, 2018)
- MSc. Economics: Microeconomics (2010)
- MSc. Economics: Microeconometrics (2011, 2019)
- MSc. Economics: Empirical Finance (2015, 2016, 2019)
- BSc. Economics: Econometrics I (2013, 2014)

- BSc. Economics: Econometrics II (2014)
- BSc. Economics: Monetary Theory and Policy (2014, 2015, 2016, 2018)
- BSc. Economics: Macroeconomics II (2013)
- BSc. Economics: Financial Economics (2010, 2011, 2013, 2016)

Professional Activities

I regularly referee for the following journals: *Journal of International Money and Finance, Journal of Money, Credit and Banking, Journal of International Financial Markets, Institutions and Money, Economic Modelling, International Review of Financial Analysis, International Review of Economics and Finance, Energy Journal, Energy Economics, Finance Research Letters, North American Journal of Economics and Finance, Applied Economics.*

Transfer and Support for Policy Making

- Principal Investigator, Project: "Effects of US real and financial uncertainty on credit, production and prices in Latin America"**, Latin American Reserve Fund**, 2023.
- Principal Investigator, Project: "Relationship between periods of fiscal stress and the economic diversification in Latin America and the Caribbean", Fiscal Division, **Inter-American Development Bank**, 2022
- Principal Investigator, Project: "Macroprudential policies in Colombia", **Latin American Reserve Fund**, 2022
- Principal Investigator, Project: "Contagion effects in private and public debt in Latin America and the Caribbean", Fiscal Division, **Inter-American Development Bank,** 2021

Other Professional Experience

2012	National Planning Agency (Bogotá, Colombia)
2009	Financial Analyst, Bancolombia (Bogotá, Colombia)
2007 – 2008	Analyst, Financial Stability Division, Central Bank (Bogotá, Colombia)

PhD Supervision

- Christoph Koser (PhD. in Economics, Universitat de Barcelona. Co-directed: Helena Chuliá) "Essays on liquidity in financial markets" (2020, KPMG, Frankfurt, Germany)

- Natalia Restrepo (PhD. in Industrial Engineering, Universidad del Valle. Co-directed: Diego F. Manotas) "Issues on financial risk assessment and measurement in the international oil industry" (2019, Universidad del Valle, Cali, Colombia)
- Stephanía Mosquera (PhD. in Industrial Engineering, Universidad del Valle. Co-directed: Diego F. Manotas): "Issues in financial risk measurement and assessment in electricity markets" (2018, University of Deusto, Bilbao, Spain)

Ongoing PhD students

- Juan Vidal (PhD. in Business, University of Barcelona. Co-directed: Montserrat Guillén). Topic: Machine learning for asset pricing and risk measurement, since September 2020
- Ignacio Garrón (PhD. in Economics, University of Barcelona. Co-directed: Helena Chuliá). Topic: Forecasting macroeconomic tail risks, since September 2020
- Orlando Joaqui (PhD. in Industrial Engineering, Universidad del Valle. Co-directed: Diego F. Manotas) Topic: Asset liability management with big data, since September 2020
- Jorge A. Muñoz (PhD. in Economics, University of Barcelona. Co-directed: Helena Chuliá). Topic: Green and energy finance, since September 2021
- Sabuhi Khalili (PhD. in Economics, University of Barcelona. Co-directed: Helena Chuliá). Topic: Deep learning models of systemic risk in finance and economics, since September 2022

Accreditation and Recognition

- Top 3% in Ideas-Repec, Spain (10 Years Author Ranking), Top 5% (European Union), Top 6% (World) As of December 2022
- Best Doctoral Thesis Award in Finance in Spain, Fundación UCEIF (Universidad de Cantabria) and Santander Financial Institute (2020)
- Outstanding Thesis Award, Faculty of Economics and Business, University of Barcelona (2017-2018)
- Google Scholar: 942 citations; h-index 17; Scopus: 309 citations; h-index 8.
- Colciencias Scholarship for funding PhD. studies (2017-2018)
- Spanish Ministry of Foreign Affairs and Cooperation of Spain, AECID Scholarship (2011-2012)

- Otto de Greiff award to the best bachelor dissertation in social sciences and humanities in Colombia (Universidad Nacional de Colombia, 2008)
- Highest bachelor examination in Economics in Colombia (1st out of 1,126 test takers, 2006)
- Universidad del Valle and Universidad Santiago de Cali full tuition scholarship and honor degrees (ranked 1st)