

# Jorge M. Uribe

DEPARTMENT OF ECONOMICS /  
UNIVERSIDAD DEL VALLE /Cali, Colombia  
RISKCENTER-IREA/  
UNIVERSITY OF BARCELONA /Barcelona, Spain/

<https://jorgemuribe.com/>  
[jorge.uribe@ub.edu](mailto:jorge.uribe@ub.edu)

## EDUCATION

Ph.D. Economics/ University of Barcelona/*cum laude*/ 2014- 2018 (Feb)

*Advisors:* Monserrat Guillén, Helena Chuliá

*Ph.D. Committee:* Alfonso Novales (Chair), Christian Brownlees, Lieven Baele

M.Res. Economics/ European University Institute/ 2011-2012

M.A. Economics/ Universidad de los Andes/ 2008-2009

B.A. Economics/ Universidad del Valle/ *honors*/ 2002-2007

B.A. Finance / Santiago de Cali University/ *honors*/ 2002-2007

## RESEARCH FIELDS

International finance, energy markets, asset pricing, risk and uncertainty

## CURRENT AND PAST APPOINTMENTS

**2018-**/ Associate Professor/ Department of Economics, Universidad del Valle, Colombia

**2015-**/ Research Associate/ Riskcenter/ Department of Econometrics, University of Barcelona, Spain

**2015-**/ Director/ Research Group in Quantitative Finance/ Department of Economics, Universidad del Valle, Colombia

**2018/** Visiting Professor/ XII Summer School- Master in Statistics and Operations Research/ University of Barcelona and Polytechnic University of Catalonia, Barcelona

**2017/** Visiting Scholar/ Swiss Institute of Banking and Finance/ School of Finance, University of St. Gallen, Switzerland (3 months).

**2013-2016/** Lecturer/ Department of Economics, Universidad del Valle, Colombia (4 years)

**2012/** External Consultant/ Colombian National Planning Agency (3 months)

**2009-2011/** Lecturer/ Department of Economics, Universidad del Valle, Colombia (2 years)

**2009/** Analyst/ Research Division Bancolombia (6 months)

**2007-2009/** Analyst/ Financial Stability Division/ Central Bank of Colombia (1.5 years)

## PUBLICATIONS JCR

**2018/** “Currency downside risk, liquidity, and financial stability” (joint to Chuliá, H. and J. Fernández) *Journal of International Money and Finance*, 89: 83-102

**2018/** “Uncovering the nonlinear predictive causality between natural gas and electricity prices” (joint to Guillén, M. and S. Mosquera) *Energy Economics*, 74: 904-916

**2018/** “Effect of stopping hydroelectric power generation on electricity prices: An event study approach” (joint to Mosquera, S. and D. Manotas) *Renewable and Sustainable Energy Reviews*, 94:456-467

**2018/** “Financial risk network architecture of energy firms” (joint to Restrepo, N. and D. Manotas) *Applied Energy*, 215(C): 630-642

**2018/** “Trends in the quantiles of the life table survivorship function” (joint to Guillén, M. and H. Chuliá) *European Journal of Population*, 34(5): 793-817.

**2018/** “Risk synchronization in international stock markets” (joint to Chuliá, H. and A. Pinchao) *Global Economic Review*, 47(2): 135-150

**2017/** “Uncertainty, systemic shocks and the global banking sector: has the crisis modified their relationship?” (joint to Chuliá, H. and M. Guillén) *Journal of International Financial Markets, Institutions & Money*, 50: 52-68

**2017/** “Nonlinear empirical pricing in electricity markets using fundamental weather factors” (joint to Mosquera, S. and D. Manotas) *Energy*, 139(15): 594-605

**2017/** “Spillovers from the US to Latin American and G7 stock markets: A VAR-quantile analysis” (joint to Chuliá, H. and M. Guillén) *Emerging Markets Review*, 31:32-46

**2017/** “Measuring uncertainty in the stock market” (joint to Chuliá, H. and M. Guillén) *International Review of Economics and Finance*, 48: 18-33

**2017/** “Impact of US uncertainties on emerging and mature markets: Evidence from a quantile-vector autoregressive approach” (joint to Chuliá, H., Gupta, R. and M. Wohar) *Journal of International Financial Markets, Institutions & Money*, 48: 178-191

**2017/** “Risk asymmetries in hydrothermal power generation markets” (joint to Mosquera, S. and D. Manotas) *Electric Power Systems Research*, 147: 154-164

**2016/** “Modeling longevity risk with generalized dynamic factor models and vine copulae” (joint to Guillén, M. and H. Chuliá) *Astin Bulletin*, 46(1): 165-190

**2015/** “Volatility regimes of the Colombian exchange rate and policy interventions”-in Spanish- (joint to Jiménez, D.M. and J. Fernández) *Investigación Económica*, 74(293), 131-170

#### BOOK CHAPTERS

**2018/** “Financial consumer protection in Spain”, (with Guillén, M.). In *An International Comparison of Financial Consumer Protection*, Springer: Singapore

**2015/** “Asymmetric Uncertainty of Mortality and Longevity in the Spanish Population”, (with Guillén, M and H. Chuliá). In *Scientific Methods for the Treatment of Uncertainty in Social Sciences*. Springer: Switzerland

#### CONGRESSES AND SEMINARS

**2018/** XI Seminari Annual, IREA-UB (Barcelona-Spain); XII Symposium in Engineering, Universidad del Valle (Cali-Colombia); Belgian Financial Research Forum (Brussels- Belgium); 16<sup>th</sup> Infiniti Conference on International Finance (Poznan-Poland); 25<sup>th</sup> Annual Conference of the Multinational Finance

Society (Budapest-Hungary); International Finance and Banking Society (Porto-Portugal); 26<sup>th</sup> Finance Forum (Santander-Spain); Central Bank of Colombia (Bogotá-Colombia); 25<sup>th</sup> Annual Meeting of the German Finance Association (Trier-Germany); International Finance and Banking Society- Latin-America (Santiago de Chile-Chile)

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

**2016/** 25<sup>th</sup> European Financial Management Association (Basel-Switzerland); International Finance and Banking Society (Barcelona-Spain); 8<sup>th</sup> International Conference on Applied Energy (Beijing-China); 14<sup>th</sup> Infiti Finance (Paris-France); 24<sup>th</sup> Finance Forum (Madrid-Spain); Central Bank of Colombia (Medellin-Colombia)

**2015/** 24<sup>th</sup> European Financial Management Association (Amsterdam-The Netherlands); International Association for Fuzzy Set Management and Economy (Girona-Spain); 32<sup>nd</sup> International Conference of the French Finance Association (Paris-France); International Conference on Risk Analysis- (Barcelona-Spain); Central Bank of Colombia (Bogotá-Colombia)

#### **AWARDS AND GRANTS**

**2017/** Fundación Ramón Areces Grant (€ 36,000) International Economics/ Member of the Research Team/ Title: “Good and bad uncertainty propagation across the global economy”. Total number of members: 2. PI: Helena Chuliá

**2016/** Colombian National Department of Science, Technology and Innovation- Colciencias/ Scholarship for funding Ph.D. Studies (on a competitive basis)

**2011/**AECID Scholarship, Spanish Ministry of Foreign Affairs and Cooperation

**2008/** National University of Colombia/ Otto de Greiff award (2<sup>nd</sup>), among the best bachelor’s theses in Colombia

**2006/** National Economics undergraduate examination in Colombia (1<sup>st</sup> out of 1,126 test takers)

#### **WORKING PAPERS**

“The credit supply channel of monetary policy: evidence from a FAVAR model with sign restrictions” (with Juan S. Holguín) R&R Empirical Economics

“Volatility spillovers in energy markets” (with Helena Chuliá and M. Dolores Furió) R&R Energy Journal

“Giving and receiving: exploring the predictive-causality between oil prices and exchange rates” (with Jose Eduardo Gomez-Gonzalez and Jorge Hirs-Garzon) R&R International Finance

“Uncovering the time-varying causality between volatility and commonality in liquidity” (with Helena Chuliá and Christoph Koser) Under Review

“Together forever? Good and bad market volatility shocks and international consumption risk sharing: A tale of a sign” (with Helena Chuliá) Under Review

“Dynamic capital structure under changing market conditions with heterogeneous indebtedness: An empirical investigation” (with Natalia Restrepo

	and Diego F. Manotas)
	“The market price of risk for fuel firms: a tale of financial or fundamental oil shocks?” (with Natalia Restrepo and Diego F. Manotas)
	“Risk propagation in electricity markets: measuring the asymmetric transmission of downside and upside risks in energy prices” (with Stephania Mosquera and Montserrat Guillén)
	“Time varying momentum and economic uncertainty regimes”
	“Scaling down downside risk with inter-quantile semivariances”
<b>WORK IN PROGRESS</b>	“Insurance and credit for a renewable and sustainable world”
	“Liquidity overshooting, global portfolio reallocation and financial stability” (with Juan S. Holguín)
	“Good and bad uncertainty propagation across the global economy” (with Helena Chuliá)
	“Applied quantile regression for economics and finance” (with Montserrat Guillén)
	“Spillovers beyond the variance: exploring the natural gas and oil higher order risk linkages with the global financial markets” (with Jose Eduardo Gomez-Gonzalez and Jorge Hirs-Garzon)
	“Systemic risk in global sovereign debt markets” (with Andrés Pinchao)
<b>REFeree:</b>	<i>Energy Economics</i> +2; <i>Economic Modeling</i> ; <i>North American Actuarial Journal</i> +2; <i>Astin Bulletin</i> ; <i>Emerging Markets, Finance &amp; Trade</i> +2; <i>North American Journal of Economics and Finance</i>
<b>SOFTWARE AND WEB RESOURCES</b>	Matlab, R, Eviews <i>Stock market uncertainty index</i> : <a href="http://www.ub.edu/rfa/uncertainty-index/">http://www.ub.edu/rfa/uncertainty-index/</a> <i>FX fragility index</i> : <a href="http://www.ub.edu/rfa/currency-crisis-index/">http://www.ub.edu/rfa/currency-crisis-index/</a>
<b>PHD SUPERVISION</b>	<b>2018 Sep</b> / Stephania Mosquera (Ph.D in Industrial Engineering, Universidad del Valle. Codirected: Diego F. Manotas) <i>cum laude</i> <b>2019 Sep*</b> / Natalia Restrepo (Ph.D in Industrial Engineering, Universidad del Valle. Codirected: Diego F. Manotas) <b>2019 Nov*</b> /Christoph Koser (Ph.D in Economics, University of Barcelona. Codirected: Helena Chuliá) * <i>Expected</i>
<b>MASTER THESES ADVISOR</b>	Xisca Oliver (in progress-Master in Statistics and Operations Research, University of Barcelona and Universitat Politècnica de Catalunya, Codirected: Helena Chuliá), Juan S. Holguín (in progress- Master in Economics, Universidad del Valle), Andrés D. Pinchao (in progress- Master in Economics, Universidad de los Andes, Codirected: Mark Hofstetter), Óscar W. Orozco (in progress Master in Economics, Universidad del Valle), Orlando Joaqui (2017-Master in Economics, Universidad del Valle), Giovanni Sandoval (2017-Master in Economics, Universidad del Valle, <b>honors</b> ), Julián Fernández (2016-Master in Economics, Universidad del Valle), Jefferson Valdés (2016- Master in Economics, Universidad del Valle, <b>honors</b> ), Natalia Restrepo (2016- Master

in Economics, Universidad del Valle, **honors**), Stephanía Mosquera (2015- Master in Economics, Universidad del Valle, **honors**. Codirected: Diego F. Manotas), David Arango (2015- Master in Economics, Universidad del Valle)

## REFERENCES

Prof. Montserrat Guillén

*Full Professor, Econometrics Department, University of Barcelona*

*Director, Riskcenter, University of Barcelona. Contact: +34 934 037 039;*

*[mguillen@ub.edu](mailto:mguillen@ub.edu)*

Prof. Helena Chuliá

*Senior Lecturer, Econometrics Department, University of Barcelona.*

*Contact: +34 934 021 010; [hchulia@ub.edu](mailto:hchulia@ub.edu)*

Dr. José Eduardo Gómez

*Senior Researcher, Central Bank of Colombia,*

*Lecturer, Department of Economics, Universidad de los Andes*

*Contact: + 57 1 3431111 # 0129; [jgomezgo@banrep.gov.co](mailto:jgomezgo@banrep.gov.co)*