Helena Chuliá Soler

DEPARTMENT OF ECONOMETRICS AND STATISTICS
UNIVERSITY OF BARCELONA
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EDUCATION

Ph.D. Quantitative Finance/ University of Valencia (Spain)/ October 2007

DEA (MsC equivalent) Quantitative Finance/ Complutense University of Madrid, University of the Basque Country, University of Valencia/ July 2004

B.A. Management and Business Administration/ University of Valencia (Spain)/ June 2002

RESEARCH FIELDS

Financial Econometrics; Risk and Uncertainty; International Finance; Financial Integration

CURRENT AND PAST APPOINTMENTS

2016-/Associate Professor/Department of Econometrics, Statistics and Applied Economics/University of Barcelona

2010-2016/ Lecturer/ Department of Econometrics and Statistics/University of Barcelona

2007-2010/ Lecturer/ Department of Economics/ Universitat Oberta de Catalunya

2002-2006/ Doctoral Researcher/ Department of Financial and Actuarial Economics/ University of Valencia

VISITING POSITIONS

2011/ Visiting Research Scholar, Institute for Statistics and Econometrics, Humboldt University, Germany (4 months)

2006/ Visiting Ph. D Student / Econometric Institute/ Erasmus University of Rotterdam, The Netherlands (4 months)

OTHER POSITIONS

2018-/ Coordinator of the Post-graduate course on "Data Analytics for Social Science", University of Barcelona

2014-/ UB Coordinator of the UPC-UB interuniversity master in Statistics and Operations Research.

PUBLICATIONS (Journal Citation Reports of Web of Science)

2024/"Daily Growth at Risk: financial or real drivers? The answer is not always the same" (with I. Garrón and J.M. Uribe), *International Journal of Forecasting*, 40(2): 762-776.

2024/"Vulnerability of European Electricity Markets: A Quantile Connectedness Approach" (with T. Klein, J.A. Muñoz-Mendoza and J.M. Uribe), *Energy Policy*, 184, 113862.

2023/"Energy Firms in Emerging Markets: Systemic Risk and Diversification Opportunities" (with J.A. Muñoz-Mendoza and J.M. Uribe), *Emerging Markets Review*, 56, 101053.

2023/"Systemic Political Risk" (with M. Estévez and J.M. Uribe), *Economic Modelling*, 125, 106375.

2023/"Nonlinear market liquidity: An empirical examination" (with S. Mosquera and J.M. Uribe), *International Review of Financial Analysis*, forthcoming.

2023/"Expected, unexpected, good and bad aggregate uncertainty" (with J.M. Uribe), *Studies in Nonlinear Dynamics & Econometrics*, 27(2), 265-284.

2021/"Asymmetric volatility spillovers and consumption risk-sharing" (with J.M. Uribe), *Applied Economics*, 53(35): 4100-4117.

2021/"Analyzing the Nonlinear Pricing of Liquidity Risk according to the Market State" (with C. Koser and J.M. Uribe), *Finance Research Letters*, 38, 101515.

2020/"Uncovering the time-varying relationship between commonality in liquidity and volatility" (with C. Koser and J.M. Uribe), *International Review of Financial Analysis*, 69, 101466.

2019/"Tail risk measures using flexible parametric distributions" (with J.M. Sarabia, M. Guillen and F. Prieto) *SORT (Statistics and Operations Research Transactions)*, 43(2):1-14

2019/"Volatility Spillovers in Energy Markets" (with M.D. Furió and J.M. Uribe) *Energy Journal*, 40(3):127-152

2018/"Currency downside risk, liquidity, and financial stability" (with J. Fernández and J.M. Uribe) *Journal of International Money and Finance*, 89: 83-102

2018/"Trends in the quantiles of the life-table survivorship function", (with M. Guillén and J.M. Uribe), *European Journal of Population*, 34(5): 793-817

2018/"Risk Synchronization in International Stock Markets" (with A.D. Pinchao and J.M. Uribe), *Global Economic Review*, 47(2):135-150

2017/"Uncertainty, Systemic Shocks and the Global Banking Sector: Has the Crisis Modified their Relationship?" (with M. Guillén and J.M. Uribe), *Journal of International Financial Markets, Institutions and Money*, 50: 52-68

2017/"Spillovers from the United States to Latin American and G7 stock markets: A VAR quantile analysis", (with M. Guillén and J.M. Uribe), *Emerging Markets Review*, 31: 32-46

2017/"Impact of US Uncertainties on Emerging and Mature Markets: Evidence from a Quantile-Vector Autoregressive Approach", (with R. Gupta, J.M. Uribe and M.E. Wohar), *Journal of International Financial Markets, Institutions and Money*, 48:178-191

2017/"Measuring uncertainty in the stock markets", (with M. Guillén and J.M. Uribe), *International Review of Economics and Finance*, 48: 18-33

2016/"European government bond market contagion in turbulent times", (with P. Abad), *Czech Journal of Economics and Finance*, 66(3): 263-276

2016 /"Seasonal and time-trend variation by gender of alcohol-impaired drivers at sobriety checkpoints", (with M. Guillen and O. LLatge), *Journal of Studies on Alcohol and Drugs,* 77(3), 413-420

2016/"Measuring longevity risk with generalized dynamic factor model and vine copulae", (with M. Guillen and J.M. Uribe), *Astin Bulletin: The Journal of the International Actuarial Association*, 46(1): 165-190

2014/"Time-varying integration in European Government Bond Markets", (with P. Abad and M. Gómez-Puig), *European Financial Management*, 20(2): 270-290

2012/"Price and volatility dynamics between electricity and fuel costs: some evidence for Spain", (with D. Furió), *Energy Economics*, 34(6): 2058-2065

2012/"Volatility Transmission and Correlation Analysis between the USA and Asia: The Impact of the Global Financial Crisis", (with N. Valls), *Global Economic Review*, 41(2): 111-129

2011/"Firm size and volatility analysis in the Spanish Stock market", (with H. Torró), *European Journal of Finance*, 17(8): 695-715

2010/"EMU and European Government market integration", (with P. Abad and M. Gómez-Puig), *Journal of Banking and Finance*, 34(12): 2851-2860

2010/"Asymmetric effects of Federal Funds target rate changes on S&P100 stock returns, volatilities and correlations", (with M. Martens and Dick van Dijk), *Journal of Banking and Finance*, 34(4): 834-839

2009/"Volatility transmission patterns and terrorist attacks", (with F.J. Climent, P. Soriano and H. Torró), *Quantitative Finance*, 9(5): 607-619.

2008/"The economic value of volatility transmission between stocks and bonds", (with H. Torró), *The Journal of Futures Markets*, 8(11): 1066-1094.

2007/"Asimetrías en volatilidad, beta y contagios entre las empresas grandes y pequeñas en la Bolsa española", (with H. Torró), *Investigaciones Económicas*, 21: 445-474.

BOOK CHAPTERS

2016/"The economic and financial crisis: Origins and consequences", (with M. Guillen and M. Santolino). In: *Cities in Crisis: Socio-spatial impacts of the economic crisis in Southern European cities,* Knieling, J., Othengrafen, F. (Eds.), Routledge

2015/"Modeling Longevity Risk with Generalized Dynamic Factor Models and Vine-Copulas", (with M. Guillen and J.M. Uribe). In: *Current Topics on Risk Analysis: ICRA6 and RISK 2015 Conference*, Fundación MAPFRE

2015/"European Financial integration in times of Crisis", (with P. Abad). In: *Current Topics on Risk Analysis: ICRA6 and RISK 2015 Conference*, Fundación MAPFRE

2014/"The effects of macroeconomic news announcements during the global financial crisis", (with P. Abad). In: *Risk Management Post Financial Crisis: A Period of Monetary Easing.* Batten, J.A., Wagner, N.F. (Eds.) Contemporary Studies in Economic and Financial Analysis (CSEFA), Vol. 96, Emerald Group Publishing Limited

2014/"Asian Market Reactions to US Macroeconomic News Surprises", (with N. Valls). In: *Asian Handbook of Finance*, Elsevier

2013/"European Bond Markets and Macroeconomic News", (with P. Abad). In: *Investigaciones en seguros y gestión de riesgos: RISK 2015 Conference*, Fundación MAPFRE

2007/"Large and small cap stocks in Europe: covariance asymmetry, volatility spillovers and beta estimates", (with H. Torró). In: *Advances in Risk Management*, Palgrave McMillan

2007/"Have volatility transmission patterns between USA and Spain changed after September 11?", (with F.J. Climent, P. Soriano and H. Torró). In: *Advances in Risk Management*, Palgrave McMillan

OTHER PUBLICATIONS

2010/"Análisis de volatilidad y correlación entre EE.UU y Asia", (with N. Valls), *Cuadernos de Economía*, 33, 33-56

2005/"Contagios de volatilidad y estrategias de negociación entre acciones grandes y pequeñas", (with A. Pardo and H. Torró), *Bolsa de Madrid*, 144

WORKING PAPERS

"Monitoring daily Unemployment at Risk" (with I. Garrón and J.M. Uribe), Research Institute of Applied Economics Working Paper 2022/11

"Vulnerable Funding in the Global Economy" (with I. Garrón and J.M. Uribe), Research Institute of Applied Economics Working Paper 2021/06

AWARDS AND GRANTS

2011/AGAUR travel grant for a 4-months post-doctoral research stay at Humboldt University

2011/José Castillejos grant (Ministerio de Educación, Cultura y Deporte) for a 4-months post-doctoral research stay at Humboldt University

2011/ Award of the Economics and Business School from Universitat de Barcelona and the Institute of Economics from Barcelona for best paper "EMU and European Government Bond market integration".

2009/University of Valencia award to the best PhD thesis on Economics

2009/Fundación UCEIF award to the best PhD thesis on Finance

2004-2006/Ministerio de Educación y Ciencia grant (FPU) for PhD studies

2006/Ministerio de Educación y Ciencia travel grant for a 4-moths stay at the Econometric Institute (Erasmus University of Rotterdam), 2006.

2004/Iberdrola award to the best paper presented at the II Workshop in Quantitative Finance, University of Valencia

2003/Fundación Ramón Areces Fellowship for PhD studies

2002-2003/Ministerio de Educación y Ciencia travel grant for a 9-months stay at University of the Basque Country

2002/Ministerio de Educación y Ciencia collaboration grant, Department of Accounting, Universitat de València

PARTICIPATION IN FINANCED PROJECTS

2024-2026/"Climate change: Risk management and insurance for a sustainable economy", Agència de Gestió d'Ajust Universitaris i de Recerca. Principal Investigator: Helena Chuliá

2023-2024/"A Comprehensive Analysis of the Evolution of Global Financial Integration", Bank of Spain. Principal Investigator: Helena Chuliá, Guillermo Martínez-Taberner, Jorge M. Uribe

2021-2022/"Living with uncertainty and economic-impact analysis", ([PANDEMIES 2020), Agència de Gestió d'Ajust Universitaris i de Recerca

2019-2023/"Modelos predictivos para el riesgo en seguros y finanzas", (PID2019-105986GB-C21), Ministerio de Ciencia e Innovación

2017-2019/"Good and bad uncertainty propagation across the global economy", Fundación Ramón Areces. Principal Investigator: Helena Chuliá

2017-2018/Network on quality and cost effectiveness in long-term care and dependency prevention (VS/2015/0276), European Commission (coordinated by The London School of Economics and Political Science)

2017-2019/Riesgos dependientes y aplicaciones (ECO2016-76203-C2-2-P), Ministerio de Economía y Competitividad

2016-2018/Métodos cuantitativos para la medición y valoración de riesgos en empresas aseguradoras (ECO2015-66314-R), Ministerio de Economía y Competitividad

2013-2015/Métodos cuantitativos para la medición y valoración de riesgos en empresas aseguradoras (ECO2012-35584), Ministerio de Ciencia e Innovación

2011/European Financial Management Annual Meeting (ECO2011-14583-E), Ministerio de Ciencia e Innovación

2010-2012/Economía Financiera y Modelización Matemática (ECO2009-14457-C04-04), Ministerio de Ciencia y Tecnología

2010-2012/Cambio climático y mercados energéticos (CGL2009-09604), Ministerio de Ciencia e Innovación

2010-2011/La integración de los mercados de deuda pública europea, Fundación Ramón Areces

2009-2010/La integración de los mercados de deuda pública europea, Instituto de Estudios Fiscales

2008/XI Jornadas de Economía Internacional (ECO2008-04383-E/ECON), Ministerio de Ciencia e Innovación

2007/Spillovers de volatilidad en los mercados de acciones (GV/2007/082), Generalitat Valenciana

2006-2009/Economía Financiera y Modelización Matemática (SEJ2006-15401-C04-04/ECON), Ministerio de Ciencia y Tecnología and FEDER

2003-2006/Economía Financiera y Modelización Matemática (BEC2003-09607-C04-04), Ministerio de Ciencia y Tecnología

2006/Spillovers de volatilidad en los mercados de acciones, Instituto Valenciano de Investigaciones Económicas

2004-2005/Información y Asimetrías en los mercados de renta variable (GV04A/153), Generalitat Valenciana

CONGRESSES

2024/ 49th Economic and Business History Society Conference (York, UK); French/Japanese Conference on Asian and International Economies in an Era of Globalization (Aix-en-Provence, France).

2023/ 12nd Portuguese Finance Conference (Madeira-Portugal); 30th Finance Forum (Málaga, Spain)

2022/ 42nd International Symposium on Forecasting (Oxford-UK); 29th Finance Forum (Santiago de Compostela, Spain); 8th International Symposium on Enviroment & Energy Finance Issues (online)

2021/European Economic Association 2021 (Virtual), 27th Annual Meeting of the German Finance Association (Innsbruck)

2019/27th Finance Forum (Madrid), European Financial Management Association Conference (Azores), Second Catalan Economic Society Conference (Barcelona-Spain)

2018/26th Annual Conference of the Multinational Finance Society (Budapest); 16th Infiniti Conference on International Finance (Poland); International Finance and Banking Society (Porto); 26th Finance Forum (Santander)

2017/ European Financial Management Association (Athens); 25th Finance Forum (Barcelona)

2016/European Financial Management Association (Basel); 14th Infiniti Conference on International Finance (Dublin)

2015/European Financial Management Association Conference (Amsterdam)

2014/12th INFINITI Conference on International Finance (Prato); European Financial Management Association (Rome)

2013/5ª Reunión de Investigación en Seguros y Gestión del Riesgo, RISK (Gran Canaria)

2011/European Financial Management Association (Braga); Invited presentation, Economic Risk Seminar, Humboldt University (Berlin)

2010/European Financial Management Association, Aarhus, (Denmark)

2009/XI Conference on International Economics (Barcelona); 7th Infiniti Conference on International Finance (Dublin)

2008/X Italian-Spanish meeting on Financial Mathematics (Cagliari); 40th Money, Macro and Finance Annual conference, Birbeck University (London); XVI Finance Forum, ESADE (Barcelona)

2007/Economic Analysis of High-Frequency Data and the Impact of Economic News (University of Stanford); XV Finance Forum (Palma de Mallorca)

2006/XXXI Simposio de Análisis Económico (Oviedo); XIV Finance Forum (Castellón)

2005/VIII Italian-Spanish meeting on Financial Mathematics (Italy); XIII Finance Forum (Madrid)

2004/ XII Finance Forum (Barcelona)

CONFERENCE ORGANIZATION

2022/8th workshop on Risk Management and Insurance Research), Barcelona, Organizing Committee member.

2012/European Financial Management Annual Meeting (EFMA), Barcelona, Co-Chair.

2009/XI Conference on International Economy, Barcelona, Organizing Committee member.

CONFERENCE COMMITTEE

2024/European Financial Management Association Conference (Lisbon, Portugal),

2023/European Financial Management Association Conference (Cardiff, UK), 12th Portuguese Finance Network Conference (Madeira, Portugal)

2022/European Financial Management Association Conference (Rome, Italy),

2021/European Financial Management Association Conference (Leeds, United Kingdom)

2020/European Financial Management Association Conference (Dublin, Ireland), 11th Portuguese Finance Network Conference (Braga, Portugal)

2019/European Financial Management Association Conference (Azores, Portugal)

2018/16th Infiniti Conference on International Finance (Dublin, Ireland); European Financial Management Association Conference (Milan, Italy)

2016/14th Infiniti Conference on International Finance (Dublin, Ireland)

2015/European Financial Management Association Conference (Amsterdam, Netherlands)

2014/European Financial Management Association Conference (Rome, Italy); 12th Infiniti Conference on International Finance (Pratto, Italy)

2013/European Financial Management Association Conference (Reading, UK)

2009/7th Infiniti Conference on International Finance (Trinity College, Dublin)

REFEREEING SERVICES

Journal of Banking and Finance; Journal of Business, Economics and Statistics; Applied Economics; Journal of Money, Credit and Banking; Journal of International Financial Markets, Institutions and Money; North American Journal of Economics and Finance, Applied Financial Economics; Emerging Markets, Finance and Trade; Emerging Markets Review; International Review of Economics and Finance; International Review of Financial Analysis; Economic Modelling; Global Economic Review; Review of Financial Economics; SORT; Financial Journal of Portfolio Management, ASTIN Bulletin, Journal of Multinational Financial Management, Spanish Journal of Finance and Accounting, The World Economy

EDITORIAL APPOINTMENTS

Journal of Multinational Financial Management (Subject Editor)

PHD SUPERVISION

2014/ Natàlia Valls (Ph.D in Business, University of Barcelona), Title: "Volatility in Financial Markets: The Impact of the Global Financial Crisis"

2018/ Jorge M. Uribe (Ph.D in Economics, University of Barcelona. Codirected: Montserrat Guillén), Title: "Essays about Risk and Uncertainty in Economics and Finance":

- *Faculty of Economics and Business (University of Barcelona) award to the best PhD thesis on Economics (2018).*
- *Fundación UCEIF ((Universidad de Cantabria and Santander Financial Institute) award to the best Doctoral Thesis in Finance in Spain (2020).*

2020/ Christoph Koser (Ph.D in Economics, University of Barcelona. Codirected: Jorge M. Uribe), Title: "Global Liquidity in Financial Markets".

2023/ Ignacio Garrón (Ph.D in Economics, Universitat de Barcelona. Codirected: Jorge M. Uribe). Topic: Essays on Risks Tail in Macroeconomics

Currently/ Jorge A. Muñoz (Ph.D in Economics, Universitat de Barcelona. Codirected: Jorge M. Uribe). Topic: Green Finance

Currently/ Sabuhi Khalili (Ph.D in Economics, Universitat de Barcelona. Codirected: Jorge M. Uribe). Topic: Deep learning models of systemic risk in finance and economics

PHD COMMITTEE MEMBER

2023/ Juan José Vidal (Ph.D in Business, Universitat de Barcelona), "Essays on Machine Learning for Risk Analysis in Finance, Insurance and Energy"

2021/ André Souza (Ph.D in Economics, Universitat Pompeu Fabra), "Essays in economic forecasting"

2021/ David Cortés (Ph.D in Quantitative Finance and Economy, University of Valencia), "Two relevant forecasting problems for practitioners in finance: equity risk premium and non-performing loans"

2021/ Ivan Hajdukovic (Ph.D in Economics, University of Barcelona), "Essays on fiscal and monetary policies"

2020/ Nicola Rubino (Ph.D in Economics, University of Barcelona), "Essays on commodity markets"

2020/ Lior Cohen (Ph.D in Economics, University of Barcelona), "Essays on the ECB Monetary Policy's Impact on Non-Financial Firms"

2020/ Rodrigo Ferreras Labra (Ph.D in Quantitative Economics and Finance, Universidad Complutense de Madrid), "Three essays on the informational effect of credit rating changes on financial markets"

2019/ Natàlia Restrepo (Ph.D in Engineering, Universidad del Valle), "Issues on financial risk assessment and measurement in the international oil industry".

2019/ Agueda Madoz Mendioroz (Ph.D in Quantitative Economics and Finance, University of the Basque Country), "Essays on Stock Options' Pricing"

2017/ Fernando Palao Sánchez, (Ph.D in Economics, University of Valencia), "Behavioral Aspects of the European Carbon Market"

2016/ César Amador Ambriz (Ph.D in Business, University of Barcelona), “Essays on the Mexican Stock Market”

2014/ Lorena Marí del Cristo (Ph.D in Economics, University of Barcelona), “Essays on the Optimal Choice of Exchange Rate Pass Through in Emerging Countries”

TEACHING

Graduate level: Financial Econometrics; Time Series Analysis; Multivariate Financial Analysis

Undergraduate level: Statistics I, Time Series Analysis, Mathematical Finance