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FIELDS OF INTERESTS: Macroeconomics, Finance and Commodities.

AFFILIATIONS

Banco Central de Chile, Department of Medium-Term Projections

Senior Economist, 2019 – Present

EDUCATION

University of California at Los Angeles, Ph.D. in Economics, 2019

Dissertation: “*Fundamentals, Speculation and Seasonal Correlation in Commodity Markets*”

(Chair: Pierre O. Weill)

University of California at Los Angeles, M.S. in Economics, 2016

Universidad Torcuato DiTella, M.S. in Economics, 2013

Universidad de Buenos Aires, B.A. in Economics (*Magna cum Laude*), 2011

PAST WORK EXPERIENCE

Consultant, *World Bank*, Dec 2019 – Apr 2020.

Summer Internship, *IMF*, (Washington DC) summer 2018.

Summer Associate, *Cornerstone*, (Los Angeles) summer 2017.

Consultant, *Universidad Torcuato DiTella*, (Buenos Aires, Argentina) 2014.

Consultant, *Red Consultora*, (Buenos Aires, Argentina) 2014.

Research Assistant, *Universidad Torcuato DiTella*, (Buenos Aires, Argentina) 2013.

PUBLICATIONS

Arroyo Marioli, Francisco and Bullano, Francisco and Kucinskas, Simas and Rondón-Moreno, Carlos, *Tracking R of COVID-19: A New Real-Time Estimation Using the Kalman Filter* (2021).

PLOS ONE.¹

Arroyo Marioli F. (2019): “*Old Crop vs New Crop Prices: Explaining the Correlation*”. Journal of Future Markets.

¹ Website with continuously updated results for 120 countries: <http://www.globalrt.live/>. Estimates also available in <https://ourworldindata.org/coronavirus> and <https://data.covid19commission.org/map/effective-reproduction-rate>.

Arroyo Marioli F., Bullano F., Fornero J., and Zúñiga R. (2020). "*Semi-Structural Forecasting Model*" Working Papers Central Bank of Chile 866, Central Bank of Chile.

Arroyo Marioli, F., Becerra J.S, and Solorza M.: "*The Credit Channel Through the Lens of a Semi-Structural Model*". Working Papers Central Bank of Chile 911, Central Bank of Chile.

WORKING PAPERS

Arroyo Marioli F. and Letelier F.: "*Commodities Fundamental Model*". Central Bank of Chile.

Zhang, S. X., Marioli, F. A., & Gao, R. (2021) "*A Second Wave? What Do People Mean By COVID Waves? - A Working Definition of Epidemic Waves*". *medRxiv*.

Arroyo Marioli F. (2019): "*Trading Places: The role of Agricultural Commodity Fundamentals, Information and Speculation*". **Dissertation.**

WORK IN PROGRESS

Arroyo Marioli F., Carrera F., and Richardson G.: "*Liquidity, Networks, and Unintended Consequences: The Founding of the Fed and the Great Depression*".

POLICY NOTES

"*Shocks de demanda, inflación y el rol de los inventarios*". Monetary Policy Report, Dec 2020. Central Bank of Chile.

"*Perspectivas para el COVID-19 en el mundo*". Monetary Policy Report, June 2020. Central Bank of Chile.

TEACHING

Instructor

Money and Banking, *UCLA*, 2018.

Econ 2 (Macroeconomics), *Universidad Torcuato DiTella*, 2014.

Teaching Assistant

Econ 1, 2 and 102 (Advanced Macroeconomics), *UCLA*, 2015-2019.

Topics in Macroeconomics (master), *Universidad Torcuato DiTella*, 2014.

Adv. Topics in Microeconomics II (master), *Universidad Torcuato DiTella*, 2013.

Adv. Topics in Microeconomics III (master), *Universidad Torcuato DiTella*, 2013.

Econ 2 (Macroeconomics), *Universidad Torcuato DiTella*, 2012-2013.

Macroeconomics I, *Universidad de Buenos Aires*, 2009-2012.

GRANTS, AWARDS AND HONORS

Torcuato DiTella University Economics Department. M.A. Tuition Waiver Fellowship. 2012-2013

UCLA Economics Department. PhD fellowship. 2014-2019

University of Buenos Aires. Magna Cum Laude – Bachelor's Degree. 2011

PROFESSIONAL ACTIVITIES

Seminars: UCLA (2018, 2017), Central Bank of Chile, Harvard Growth Lab, IMF - WH Dept, Universidad Adolfo Ibañez.

Conferences

CEBRA, *Workshop on Commodities and Macroeconomics*. October 2020. Commentator.

“*Exchange Rate pass-through, the Brazilian and Mexican case*”, coauthored with Pascuini P. Argentine Association of Political Economics, Trelew, Argentina, 2012.

Courses

IMF MF - Macroeconometric Forecasting

IMF DSA - Debt Sustainability Analysis

IMF MPAF - Model-based Analysis and Forecasting for Monetary Policy

LANGUAGES: English (fluent), Spanish (native), French (basic).

NATIONALITY: Argentinian. Italian.

REFERENCES: Upon request.