Mardoqueo (Marc) Arteaga

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Education

Aug. 2018 —	**Fordham University**, *PhD, Economics (Econometrics & Quant Econ)*,	New York, NY, USA.

  ○ Thesis: *Three Essays in Empirical Macroeconomics*

  ○ Advisors: Arunima Sinha, Johanna Francis & Ralf Hepp

  ○ MA Economics (2020), summa cum laude

2021	**Columbia University**, *Visiting PhD Student, Department of Economics*,	New York, NY, USA.
2016 - 2018	**Montclair State University**, *BA, Economics & Mathematics*,	Montclair, NJ, USA.

  ○ Convocation Speaker, magna cum laude

Personal

Languages   Spanish (native), English (fluent)
Citizenship   El Salvador, United States (Permanent Residency)
Technical   R, MATLAB, Dynare, Python, HTML, LaTeX, Tableau, MS Suite
Research   Macro-Finance, Econometrics, Behavioral Economics, Expectations Formation

Working Papers

Dec. 2021 **Foreign Interest Rates shocks and Shadow Short Rates in a Small Open Economy**.

Working Summary: In this paper, we investigate monetary policy transmission at the Zero Lower Bound on the term structure of a small, open economy by introducing external yield curve factors from the United States. In particular, this approach allows us to disentangle the contribution of the external factors from the United States to the local measure of the shadow rate.

Jan. 2021 **Inflation Uncertainty and Monetary Policy Announcements**.

Working Summary: Household expectations about economic conditions drive a wide range of decisions including saving, borrowing, and consumption. The transmission of monetary policy rests on understanding how these expectations change, making central bank communication transparency key in aligning both sides. In this paper, I argue that monetary policy announcements have a significant impact on household beliefs, specifically in their uncertainty about future macroeconomic conditions, using the Survey of Consumer Expectations (SCE) by the Federal Reserve Bank of New York.

Apr. 2020 **A Myopic Friction in US Business Cycles**.

Working Summary: This paper studies the empirical fit of a standard dynamic stochastic general equilibrium (DSGE) model to US macroeconomic data altered by a bounded rationality assumption in agents' expectation formation. Bounded rationality is in the form of cognitive discounting, or "myopia", which quantifies how people pay less attention to events occurring further in the future. I use a Bayesian likelihood approach to compare the distribution of model parameters for when people are fully rational (i.e. rational expectations) and myopic.

Professional Experience

Research

2021 - 2022	**Central Bank of Chile**, *Visiting Researcher*, Monetary Policy Division,	Santiago, Chile.

  ○ Under David Coble and Guillermo Carlomagno, worked on a term structure model with a novel one-direction spillover shock to estimate shadow interest rates during a low interest environment with a binding lower bound

Higher Education

Jul. 2021 —	**Fordham's Graduate Student Council**, *President (2022)/Vice President (2021)*,	New York, NY, USA.

  ○ Develop the vision and budget strategy for the Graduate Student Council which represents the student body for the Graduate School of Arts and Sciences. This includes professional development event planning, managing a $500,000 budget, leading a Council of 17 department representatives, and collaborating with Deans to better serve the graduate community at Fordham

| 2018 - 2020 | **Fordham University**, *Graduate Assistant to Economics Department Chair,* | New York, NY, USA. |

- Spearheaded over 13 seminar events, 8 white papers for department circulation, and online development including writing web-page content, over 15 diversity, equity, and inclusion (DEI) resources, and 6 alumni newsletters

| 2017 - 2018 | **Montclair State University**, *Teaching Assistant for Capstone Economics Seminar,* | Montclair, NJ, USA. |

Industry

2022	**KPMG**, *Economic & Valuation Services Summer Associate,*	New York, NY, USA.
2021	**REEF Technology**, *Economist/Data Consultant,*	Miami, FL, USA.
2019	**DiMassimo Goldstein**, *PhD Intern, Predictive Analytics,*	New York, NY, USA.
2019 —	**Warren County Community College**, *Advisory Board Member,*	Warren, NJ, USA.
2018 - 2019	**United Nations Association of El Salvador**, *Advisor, Sustainable Development,*	New York, NY, USA.
2017 - 2018	**TIAA**, *Research Consultant for Macro & Country Risk & Summer Risk Analyst,*	New York, NY, USA.

Awards and Other

Nov. 2020	Participant (500 selected worldwide), The Economy of Francesco
Summer 2020	GSAS Summer Graduate Assistant, Fordham University
Spring 2019	Christina Seix Dow Fellowship, Fordham University
2016 - 2018	Continuing Honors Full Scholarship, Montclair State University
2016 - 2018	Dean's List, Feliciano School of Business, Montclair State University
2014	Hispanic Recognition Program Scholar, College Board National Recognition Program

Selected Coursework

Graduate

Macro-Finance, Computational Macroeconomics, Applied Microeconometrics, Econometrics I & II, Applied Econometrics (Nonparametrics), International Finance, International Trade, Financial Economics, Monetary Policy, Monetary Theory

Undergraduate

Advanced Calculus (Real Analysis), Calculus I-III, Business Cycles and Forecasting, Public Finance, Money and Banking, Development of Economic Thought, Advanced Probability

References

Johanna Francis, Ph.D.
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