

ARIANA GAMERO

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Research Interests: Macroeconomics, Finance, Monetary Economics.

EDUCATION

Columbia University - Columbia College

Aug 2020 - May 2024

B.A in Economics and Statistics. GPA: 3.94/4.0. Major GPA: 3.96/4.0.

Departmental Honors in Economics; Dean's List every eligible semester.

Columbia Economics Society (President), Columbia Economics Review (Writer), Fed Challenge (2022).

University of Illinois Urbana Champaign (Graduate, Non-Degree)

Jul 2024 - Nov 2024

Real Analysis, NetMath. Grade: A-

PUBLICATIONS

[1] "When Banks Hit the Ceiling: The Effects of Interest Rate Caps on Microcredit Provision in Colombia." Ariana Gamero. *Columbia Economics Review*. (2024)

PAPERS IN PROGRESS

[1] "Measuring inflation persistence in the US through an FCVAR approach." Ricardo Quineche & Ariana Gamero. (2024)

HONORS

First place, Undergraduate Paper Competition (NY State Economics Association)

October 2024

Sanford S. Parker Prize (Columbia Economics Department)

May 2024

Kaneda Prize for an Outstanding Young Economist (Carroll Round, Georgetown)

April 2024

PRESENTATIONS

New York State Economics Association 77th Annual Conference, St. John Fisher University.

Oct 2024

Carroll Round International Research Conference, Georgetown University.

April 2024

PROFESSIONAL EXPERIENCE

Research Analyst - Morgan Stanley

June 2023 - Aug 2023; July 2024 - Present

Global Macro Research - Cross Assets

Full time

- Wrote reports on topics including: portfolio risk optimization, the world economic outlook under tariffs, implied asset volatility during data-heavy weeks, the evolution of the dollar performance, etc.
- Modeled the response of the US Stock-Bond returns correlation on macroeconomic factors, including the Phillips Curve inversion and the degree of flight-to-quality.
- Built our department's first model studying the implied recession probability of different asset markets.
- Adjusted the methodology and variables used for Bloomberg's Morgan Stanley Cycle Indicator.

RESEARCH EXPERIENCE

Research Assistant

April 2024 - Present

Supervisor: Dr. Ricardo Quineche

- Co-authoring a paper on fractional cointegration to analyze inflation persistence in the US.
- Cleaned, processed and modeled CPI data using MATLAB, and Stata under the FCVAR methodology.
- Ran statistical tests like Bai-Perron, local Whittle (ELW) estimator, rank estimation, and common cointegration order to ensure data suitability.
- Combined methods from previous papers that used FCVAR into our procedures to consolidate our analyses and account for structural breaks in our data.

Research Assistant - Columbia Economics Department

Sep 2022 - Jan 2024

Supervisors: Prof. Donald Davis, Prof. Jeffrey Sachs and PhD candidate Kosha Modi

- Sophomore yr.: Assisted in designing macroeconomic models to find steady-states, project economic growth and foreign direct investment, and evaluate Argentina's financial conditions using GAMS.
- Junior yr.: Helped modify regression models on loan covenant data to incorporate additional KPIs, instrumental variables and agents. I also used statistical tools to model the distributions of banks' and companies' CPI predictions. Finally, I contributed to an International Corporate Bond Data project with literature reviews, data collection, and cleaning.
- Senior yr.: Assisted Prof. Davis in the project "The Economic Growth of NYC" by establishing our first data sources, formulating guiding research questions and mapping urban sprawl through history.

Summer Research Intern - Federal Reserve Board

May 2022 - Aug 2022

Division of Supervision and Regulation

Full time

- Completed two research projects on financial inclusion and the effect of cryptocurrencies and Web 3.0 on the Fed's regulatory agenda.
- Built a model and a database to assess and predict crypto companies' risk levels.
- Assisted senior economists and Governor Waller on daily tasks including reports on the Fed's outlook on inflation and growth, and literature reviews on financial stability topics.
- Evaluated nonparametric empirical methods for the early stage of a paper on credit score construction.

Research Assistant - Innovations for Poverty Action (IPA) Peru

June 2020 - Aug 2020

Supervisor: PhD student Gustavo Acosta under Prof. Erica Field for JPAL

Full time

- Assisted in implementing an RCT for the project titled "The Impact of a Text-based Campaign on Intimate Partner Violence during Covid-19 in Peru."
- Digitized data collected from surveys into code, and wrote reports on pre-pilot survey processes.
- Helped structure and run the training program for interviewers to ensure the necessary information was being captured in our surveys.

TEACHING EXPERIENCE

Intermediate Macroeconomics TA

Aug 2022 - May 2024

*Professor Xavier Sala-I-Martin (twice) and Professor Irasema Alonso. Evaluations***Calculus-Based Statistics TA**

Jan 2022 - May 2022

*Professor Joyce Robins***ARTICLES**

*"The Future of the 60/40 Portfolio "**Aug 2024*

I contributed to building the models that grounded this article and helped break down the drivers of bond-stock correlation changes. In particular, I introduced growth and inflation variables in our portfolio selection models to account for shifts in asset correlation regimes.

*"Unconventional monetary policy might not be in every central banker's toolbox."**Jan 2023**"Uncovering Latin America's shadow economy."**Jan 2022***SKILLS**

Programming Languages: R, Stata, MATLAB, Python, GAMS, Bloomberg.**External Coursework:** Federal Reserve Board's Intensive R summer course (2022); "Inequality & Labor Markets"- Oxford University (2020).**Languages:** English (Bilingual), Spanish (Bilingual) and French (Advanced Proficiency).**Licenses:** SIE, Series 7 and Series 63.