

AINA PUIG

(301) 433-2113 | apuig@pace.edu | <https://ainapuig.github.io> | <https://www.linkedin.com/in/aina-puig> | NY, NY

EDUCATION

American University

Aug. 2020 – Aug. 2025

Ph.D. in Economics, M.A. (2022) | Interests: Applied Macroeconomics, Household Finance, Monetary Economics

Relevant coursework: Macro. Analysis II, Empirical Macro., International Trade, Development Macro.

University of Pennsylvania

Jan. – May 2024

Visiting Fellow, Department of Economics

University of Maryland, College Park

Aug. 2015 – May 2019

Honors College | B.S. in Economics, Minors in International Development and Arabic

SKILLS

Programming: R, Python, SQL, Matlab, STATA, Julia, Fortran, Mathematica

Other software: Git, Linux, LATEX, Microsoft Office (i.e., Excel, Word)

Methods: Time series, Big data, Survey Design, Quantitative research, Econometrics, Statistics, Forecasting, Policy

Languages: English (native), Spanish (native), Catalan (native), French (interm.), Arabic (interm.)

EXPERIENCE

Pace University, Economics Department

New York, NY

Clinical Assistant Professor

Aug. 2025 – Present

- Teaches Master's level macroeconomics and econometrics, and two Undergraduate level macroeconomics.
- Develops research on consumer behavior and monetary policy and advises students on data-driven research.

American University, Economics Department

Washington, DC

Ph.D. Student & Teaching Assistant

Aug. 2020 – Aug. 2025

- Winner of best Econometrics Paper Competition in Department of Economics in 2025.
- Conducted independent economic research collecting new and existing data, conducting empirical and theoretical modeling causal analyses, visualizing data, and writing summary and papers.
- Presented results at numerous seminars at universities, central banks, and international organizations.
- Teaching assistant for PhD Macroeconomics Analysis and Undergraduate Macroeconomics courses. Taught weekly review sessions and office hours for each class of 30 students and graded assignments.

Research Assistant, Institute for Macroeconomic & Policy Analysis

Jun. 2021 – May 2025

- Derived a productivity measure for pass-through sector businesses and estimated it for 19 industrial sectors, estimated firm use of various tax credits, compiled firm characteristics data, visualized results in STATA.
- Contributed to the optimization of quantitative model code in Julia that significantly reduced run-time.
- Leveraged AI tools to streamline reports. Wrote and published reports, presented findings to professors.

Federal Reserve Board

Washington, DC

Dissertation Fellow, Division of Research & Statistics

Jun. – Sept. 2024

- Built life-cycle quantitative model in Matlab and presented results to economists in two 1-hour seminars.

Federal Reserve Board

Washington, DC

Graduate Economic Intern, Division of International Finance

May – Jul. 2023

- Optimized code for quantitative model with heterogeneous households and spatial analysis using CUDA Fortran software compiler for NVIDIA GPU-accelerated functionality.

International Monetary Fund*Intern, Strategy, Policy & Review Department***Washington, DC****Jun. – Sept. 2022**

- Estimated the causal effects of monetary policy shocks on international labor markets using STATA.
- Contributed estimations to project of team of three senior Economists. Presented and published results.

Federal Reserve Bank of San Francisco*Visiting Research Scholar***San Francisco, CA****May – Jun. 2022**

- Evaluated the effects of monetary policy shocks on consumption inequality by debt and demographics.
- Published Economic Letter, presented results in 1-hr seminar, and collaborated with Economists.

American University, Economics Department*Research Assistant, Professor Kelly Jones & Carework and the Economy***Washington, DC****Jan. – May 2021, May – Aug. 2021**

- Analyzed and visualized data in R and STATA. Mentored and trained two undergraduate assistants.
- Wrote reports and policy briefs. Assisted graduate course on applied macroeconomic modelling.

United Nations Department of Economic & Social Affairs*Intern, Financing for Sustainable Development Office***Washington, DC****Sept. – Dec 2021**

- Provided economic research and program support by visualizing data and writing policy reports.

Global Communities*Associate, Financial Inclusion***Silver Spring, MD****Nov. 2019 – Aug. 2020**

- Provided project management, research, and data analytics support to the head office managing seven subsidiary microfinance companies in the Middle East and North Africa (MENA) and Eastern Europe.
- Supported global projects on developing the digital economy and financial inclusion for small enterprises.
- Coordinated the establishment of assessments, ethics trainings, and international board meetings.

University of Maryland, Gibran Chair for Values & Peace*Coordinator & Research Assistant, Women as Partners in Progress Project***College Park, MD****Oct. 2017 – Sept. 2019**

- Led the quantitative research team promoting women's leadership and gender inclusive policies in MENA.
- Managed the creation of the Pioneers and Leaders Hub on Arab women and its published research.
- Coordinated a conference in Jordan deputized by the PM, with 200+ participants from 10 Arab countries.

AWARDS

Grants: Barbara Bergmann Prize (\$2000); 5 travel grants (to Louisiana, Naples Italy, Boston, Texas)

Scholarships: Merit Graduate Fellowship (American University, Aug 2020-Present)

Awards: Unlocking Our Potential Essay Contest Winner (SF Federal Reserve Bank, 2022);

Multi-ethnic Academic Excellence Award (University of Maryland, Mar. 2016 – May 2019);

Outstanding Youth Achiever Award (United Nations Youth Assembly, 2016)

PRESENTATIONS & CERTIFICATES

Presentations: 6 at government institutions (Federal Reserve system, central banks); 6 at universities; 9 at academic conferences; 1 at international organizations (International Monetary Fund)

Certificates: Graduate Certificate on Gender Analysis in Economics (American U.); 3 graduate courses on macro modelling in Python, Matlab, STATA (Universitat de Barcelona, American U.); 2 on United Nations

PUBLICATIONS & WORKING PAPERS

Policy publications: 2 on monetary policy transmission (Federal Reserve Bank of San Francisco, International Monetary Fund); 3 on US tax policy in 2025

Working papers: 2 on monetary policy transmission and Federal Reserve communications; 1 on consumption and saving behavior; 1 on long term care insurance policy