

Patrick A. Molligo

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SKILLS

Technical:

- R, Stata, Matlab, Python

Non-Technical:

- Mathematics/economics instruction
- German fluency (CEFR Level: C1)

Research:

- Applied microeconomics
- Causal inference
- Economic history
- Labor economics

EXPERIENCE Teaching Assistant, UCLA, Los Angeles, CA (Sep 2021 – present)

- Achieved award for excellence in teaching through top-rated student evaluations (2022)
- Designed & led a mathematics refresher course tailored for transfer students to bridge academic gaps
- Taught diverse course load including probability & statistics, econometrics, data science, principles of economics, and microeconomics

Research Assistant, School of Public Affairs, UCLA, Los Angeles, CA (June 2022 – Aug 2024)

- Executed data analysis for an NIH-funded study assessing pollution's health impacts on soldiers
- Created novel pollution exposure profiles based on military base assignments to link with restricted medical data
- Enhanced project's impact by demonstrating causal pollution effects through randomization tests, surpassing correlation-based approaches in related literature

Senior Research Assistant, Federal Reserve Board, Washington, D.C. (Apr 2018 – Aug 2020)

- Innovated a Python-based text analysis tool to generate policy uncertainty indices from conference call transcripts and historical newspapers
- Provided critical analysis and exhibits for FOMC briefings, directly informing Fed policy announcements

Business Development Analyst, Jaemacom, GmbH, Berlin, Germany (Jan 2017 – Oct 2017)

- Conducted comprehensive market analysis of Austrian, Swiss, and British regions to drive international business expansion strategies
- Redesigned process to triage tech support tickets using Excel VBA
- Translated software UI and user manuals into German

RESEARCH Did the G.I. Bill Increase Vocational Training after WWII?, 2024, Working Paper, PhD Dissertation.

The Economic Effects of Trade Policy Uncertainty (with Dario Caldara, Matteo Iacoviello, Andrea Prestipino, and Andrea Raffo), 2020, *Journal of Monetary Economics*, 109, pp. 38-59

- Cited in The New York Times, Wall Street Journal, Bloomberg, Reuters, and others.

EDUCATION UCLA, Ph.D. Economics, candidate, expected graduation 2026 MA Economics (March 2022)

Freie Universität Berlin, M.Sc. Economics, (2015 – 2017)

Cornell University, B.A. Economics, German Studies (summa cum laude), (2011 – 2015)

VOLUNTEER President of UCLA Graduate Economics Association (GEA) (June 2022 – June 2023) Teaching Assistant, Statistics & Financial Literacy, Howard University (Aug 2019 – Aug 2020) Student Mentor, Freie Universität Masters in Economics program (Sep 2016 – Mar 2017)