

Verónica Bäcker-Peral

Boston, MA · vbperal@mit.edu · (626) 394 – 9693

EDUCATION

Massachusetts Institute of Technology

2024 – 2029

PhD in Economics

Loyola Marymount University

2018 – 2022

Bachelor of Sciences in Applied Mathematics (GPA: 4.00)

Bachelor of Sciences in Computer Science (GPA: 3.98)

Bachelor of Arts in History (GPA: 3.91)

Overall GPA: 3.97, Summa Cum Laude, Phi Beta Kappa (sophomore year induction)

Recipient of **LMU Trustee Scholarship**, covering Full Tuition, Room, and Board for 4 Years

PUBLICATIONS

[**Dynamics of the Long Term Housing Yield: Evidence from Natural Experiments**](#) with [J. Hazell](#) and [A. Mian](#).

American Economic Review, March 2026.

- Presented at the 2023 NBER Summer Institute: Monetary Economics Conference

[**Alliance Commitment in an Era of Partisan Polarization: A survey experiment of U.S. voters**](#) with [G. Park](#).

Texas National Security Review, October 2023.

[**N-quandles of Spatial Graphs**](#) with [B. Mellor](#), *Kyungpook Mathematical Journal*, June 2024.

WORK IN PROGRESS

[**Cataloging Growth: A Re-Evaluation of 1900–1990**](#) with [B. Wittenbrink](#)

- Recipient of *George and Obie Shultz Fund* Award
- Presented at MIT Macroeconomics Lunch (Spring 2026), IO Lunch (Fall 2025)

[**Can LLMs Credibly Transform the Creation of Panel Data from Diverse Historical Tables?**](#) with Vitaly

Meursault and Christopher Severen, May 2025

- *Historical Methods (Revise and Resubmit)*

Inelastic Capital and Asset Inflation with [E. Liu](#) and [A. Mian](#)

- Presented at MIT Macroeconomics Lunch (Fall 2025)

RELEVANT COURSEWORK

Economics (PhD): Advanced Macroeconomics, International Economics, Public Economics, Labor Economics, Industrial Organization, Macroeconomic Theory, Microeconomic Theory, Econometrics

Mathematics: Functional Analysis, Real Analysis, Topology, Number Theory and Modular Forms, Complex Analysis, Group Theory, Discrete Methods, Probability and Statistics, Advanced Linear Algebra

Computer Science: Deep Learning, Artificial Intelligence, Database Systems, Natural Language Processing

PROFESSIONAL EXPERIENCE

University of California, Berkeley Researcher

May 2025 – present

- Researcher on co-authored project with Emi Nakamura and Jon Steinsson

Massachusetts Institute of Technology Researcher

May 2025 – Sept. 2025

- Research assistant for Iván Werning

Princeton University JRCPPF Senior Research Specialist

July 2022 – May 2024

- Pre-doctoral research fellow working with Atif Mian

Philadelphia Federal Reserve Bank Research Intern

June 2021 – May 2022

- Research intern working with Chris Severen

NASA Jet Propulsion Laboratory Intern

May. 2020– May. 2021

- Worked with chief technologist to make science more accessible to policymakers

[LA Loyolan](#) Managing Editor & Opinion Section Editor

Sep. 2019 – May 2022

AWARDS & HONORS

2025 **Stanley (1969) and Rhoda Fischer Fellowship**

2024 **Armen Avanesians (1981) Fellowship**

2022 **Summa Cum Laude**

2022 **Raymunde McKay, R.S.H.M. Service and Leadership Award for Seniors**

2022 **Leila Mikdadi Academic Achievement in History Award for One Graduating Senior**

2022 **Distinguished Student Journalist, Society of Professional Journalists — Los Angeles**

2022 **First Place Award in Video Documentary Category, Columbia Scholastic Press Association**

2022 **First Place Award in Best Feature Video Category, Associated Collegiate Press**

2021 **First Place Award in Personal Opinion Category, Columbia Scholastic Press Association**

2021 **First Place Award in Best Newspaper Column Category, California College Media Association**

2021 **First Place Award for Writing Opinion, Associated Collegiate Press**

2020 [Phi Beta Kappa Key into Public service award](#)

2020 **Phi Beta Kappa**

2020 **Plenary Speaker for Harvard National Collegiate Research Conference**

2020 **Richard Rolfs History Award**

2020 **Best History Thesis Award**

2020 **Clinton Global Initiative University Scholar**

2020 **Los Angeles Loyolan Merit Scholarship**

2019 **2nd Place for Research in the Humanities, Harvard National Collegiate Research Conference**

2018 – 2022 **LMU Trustee Scholar**

2018 – 2022 **Dean's List**

LANGUAGES

Fluent: **Spanish, English**; Proficient: **French, German**

SKILLS

Programming Languages: Python, Stata, Java, C++, R, JavaScript, Matlab, SQL, Swift, Go