

Eleanor Sigel

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EDUCATION

Stanford University, Graduate School of Business

Palo Alto, CA

Pre-Doctoral Research Fellow

Current Fellow

Relevant Coursework: Microeconomic Analysis I (PhD Level Course), Microeconomic Analysis II (PhD Level Course)

University of Southern California, Dornsife College of Letters, Arts, and Sciences (GPA: 3.74)

Los Angeles, CA

B.A. Economics and B.A. Mathematics

Current Student-Expected Graduation May. 2025

Honors: Presidential Scholar, University Scholar, Student Opportunities for Academic Research Award

Relevant Coursework: Intermediate Macroeconomic Theory, Intermediate Microeconomic Theory, Introduction to Python (Accelerated), Calculus III, Probability Theory, Mathematical Reasoning and Problem Solving, Linear Algebra and Differential Equations, Introduction to Econometrics, Fundamental Concepts of Modern Algebra, Applied Python, Topology, Mathematical Statistics, Macroeconomic Analysis and Policy (Master's level course), International Finance, Real Analysis, Game Theory, Values and Social Analysis,

Sciences Po

Paris, France

Certificate of Studies in the Humanities and Social Sciences (Converted GPA: 3.73)

January 2024-May 2024

Relevant Coursework: Public Economics, Urban Economics, Economics of Migration, Economic Outlook Assessment

Sciences Po Summer School

Paris, France

June 2022 Session & July 2022 Session

Coursework: French Language (B2, C1), "History of France through Parisian Footsteps", "Paris and War: from History to Memory"

EXPERIENCE

Stanford, CA

Stanford Graduate School of Business

Research Fellow

July 2025-

- Collaborating directly with Professor Juan Carlos Suárez Serrato at Stanford GSB and SIEPR, contributing to cutting-edge research in public finance and tax policy.
- Assisting empirical projects on tax incentives, R&D investment, and corporate behavioral responses—leveraging rigorous measurement and data analysis.

Chicago, IL

Federal Reserve Bank of Chicago Research Intern: Microeconomics Department

May 2024-August 2024

- Conducted Regression Discontinuity analysis of Colombian import data to assist ongoing IO research project studying impact of US-Colombia TPA agreement, as assistant to Dr. Diego Jiménez Hernández.
- Produced cleaned datasets using comprehensive US Court of Appeals case and judge data, then computing descriptive statistics and conducting statistical tests to motivate early stages of applied micro research project as assistant to Dr. Camilo Garcia-Jimeno.
- Completed other misc. research tasks using a diversity of software, inc. Stata, LaTeX, R, Python, and GIS.

University of Southern California Dept. of Economics

Los Angeles, CA

Research Assistant for Dr. Augustin Bergeron

February 2022-August 2024

- Aid in ongoing research projects in applied microeconomics, development, and economic history.
- Utilize Stata, QGIS, and R to visualize, analyze, and determine correlations in spatial, survey, and historical data.
- Translate and clean survey data collected from developing contexts.

Embry-Riddle Aeronautical University

REU Project: "Uncertainty Propagation in Image Deblurring"

Daytona Beach, FL

May 2023-July 2023

- Partnered with Nevada National Security Site on project "Uncertainty Propagation in Image Deblurring"

- Developing methods of quantifying blur and estimating uncertainty in deblurring algorithms, as applied to 1-dimensional and 2-dimensional data analyzed by the NNSS.
- Reframed deblurring as a linear inverse problem and employed machine learning, statistical, and mathematical software in Python to regularize blur.

University of Southern California Dept. of Mathematics

Los Angeles, CA

Directed Reading Program Participant

February 2022-May 2022

- Independent study centering around the properties of the Cantor Set and Cantor Function under the mentorship of a PhD student.
- Delved into classical texts of real analysis, set theory, and measure theory and summarized texts in an oral presentation.

SKILLS

- Languages: English (Native), French (Advanced)
- Stata, Python (inc. statistical, econometric, and machine learning packages), Java, LaTeX, QGIS, R, SQL

Interests

- Endurance Running, Cycling, Backpacking, Skiing, Food Writing