

MATTHEW KLING

matthew.vanderpool.kling@gmail.com

EDUCATION

Georgia Institute of Technology

Ph.D. in Operations Research with a minor in Mathematics

Spring 2030

M.S. in Operations Research

Spring 2028

Arizona State University

Fall 2022

B.S. in Mathematics

B.S. in Economics

B.S. in Supply Chain Management

Summa Cum Laude and rated first in class by W. P. Carey

WORKING PAPERS

Kling, Matthew, Vega, Clara and Gustavo Suarez: In Their Own Words: The Credit and Demand Channels of Monetary Policy Transmission

Huh, Yesol and Matthew Kling: Parallel Trends Forest: Data-Driven Control Sample Selection in Difference-in-Differences

Matthew Kling: The Impact of Police Funding on Crime Rates, NSF GRFP Fellowship Winner

CONFERENCE PRESENTATIONS AND INVITED SEMINARS

ECONDAT Fall 2026 Meeting at the Bank of Japan *October 2026*

Econometrics Society North American Summer 2026 Meeting *June 2026*

2nd Banca d'Italia Annual Research Conference on Monetary Policy *June 2026*

ECONDAT Fall 2025 Meeting at the Bank of Canada *October 2025*

RESEARCH EXPERIENCE

Senior Research Assistant

June 2023 - June 2026

Supervisors: Dr. Clara Vega, Dr. Yesol Huh

Federal Reserve Board: Risk Analysis

Research Assistant

Dec 2022 - June 2023

Supervisor: Dr. Bart Hobijn

National Bureau of Economic Research

Research Assistant

May 2022 - August 2022

Supervisor: Dr. Sebastien Motsch

AM² Applied Mathematics REU

HONORS AND AWARDS

Graduate Research Fellowship (Social Sciences), National Science Foundation: \$159,000 *April 2026*

Graduate Research Fellowship Honorable Mention, National Science Foundation *April 2025*

MIT Excellence Award and Scholarship, Sloan School of Management: \$30,000/year	<i>Spring 2022</i>
Fall 2022 Undergraduate Commencement Speaker, W. P. Carey School of Business	<i>Dec 2022</i>
Turken Outstanding Graduating Senior (Fall 2022 W.P. Carey Valedictorian), W. P. Carey School of Business: \$2000	<i>Fall 2022</i>
Outstanding Senior in Economics (Major's Valedictorian), W. P. Carey School of Business	<i>Fall 2022</i>
Outstanding Senior in SCM (Major's Valedictorian), W. P. Carey School of Business	<i>Fall 2022</i>

OTHER PROFESSIONAL EXPERIENCE

Teaching Assistant <i>Supervisor: Dr. Fernando Leiva-Bertran</i>	Aug 2021 - Dec 2022 ASU Economics
Predictive Analytics Intern <i>Global Supply Chain Division</i>	May 2021 - Aug 2021 Intel
Founder and Project Leader <i>Student Organization in Logistics</i>	Mar 2020 - Aug 2021 Anti-Viral Consulting
Supply Chain Intern <i>Procurement and Indirect Spend</i>	May 2020 - Aug 2020 W. L. Gore and Associates

TECHNICAL SKILLS AND OTHER BACKGROUND

Programming Languages	Python, R, Java, MATLAB, STATA, SQL
Data Analytics and ML Tools	Pytorch, Tensorflow, BERT, Sklearn, Pandas, Tidyverse
Hardware and Other Computing	SLURM, PC Assembly (GPU Machines and Servers)
Other	Formula SAE, Admitted to Gun Devils Olympic team