

Thomas H. Li

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Education

- 2023–2025 M.S.E., Data Science
University of Pennsylvania, School of Engineering & Applied Science
- 2021–2025 B.A., Mathematical Economics
University of Pennsylvania, College of Arts & Sciences

Fields of Interest

Quantitative Marketing, Econometrics

Research Positions

- 2024– Member, Francis Diebold Econometrics Reading Group
Department of Economics, University of Pennsylvania
- 2023– Research Assistant, Francisco Barreras and Duncan Watts
Computational Social Science Lab, University of Pennsylvania
- 2023–2024 Economic Research Intern, Juan Londono and Sai Ma
Division of International Finance, Federal Reserve Board of Governors
- 2022–2023 Research Assistant, Katy Milkman
The Wharton School, University of Pennsylvania
- 2022 Research Assistant, Katy Milkman & Angela Duckworth
Behavior Change for Good Initiative, University of Pennsylvania

Teaching Assistance

- Fall 2023 CIS 1600: Mathematical Foundations of Computer Science
Professor Rajiv Gandhi, University of Pennsylvania
- Spring 2023 CIS 1600: Mathematical Foundations of Computer Science
Professor Val Tannen, University of Pennsylvania
- Spring 2023 WRIT 0020: Critical Writing Seminar
Professor Sara Byala, University of Pennsylvania

Honors, Awards, and Fellowships

2024 Simon Kuznets Fellowship Award in Economics

2022–2023 Marks Family Writing Center Fellow

Leadership

2024– Captain, Penn College Fed Challenge Team

2023– Board Member, Undergraduate Advisory Board of the Penn Economics Department

Publications

Conferences

- [1] **Thomas H. Li**, Francisco Barreras, & Duncan J. Watts (2024). “Trajectory Data Mining in Highly Sparse Location Datasets.” *10th International Conference on Computational Social Science*. (Oral Presentation)

Working Papers

- [1] **Thomas H. Li**, Juan M. Londono, & Sai Ma. “The Global Transmission of Inflation Uncertainty,” *FEDS Notes*.
- [2] Francisco Barreras, **Thomas H. Li**, & Duncan J. Watts. “Trajectory mining in the face of high sparsity—Robustness and Validation.”

Research Assistance

- [1] Katherine L. Milkman, Sean F. Ellis, Dena M. Gromet, Youngwoo Jung, Alex S. Luscher, Rayyan S. Mobarak, Madeline K. Paxson, Ramon A. Silvera Zumaran, Robert Kuan, Ron Berman, Neil A. Lewis Jr, John A. List, Mitesh S. Patel, Christophe Van den Bulte, Kevin G. Volpp, Maryann V. Beauvais, Jonathon K. Bellows, Cheryl A. Marandola, and Angela L. Duckworth (2024). “Megastudy Shows that Reminders Boost Vaccination but Adding Free Rides Does Not.” *Nature*. <https://doi.org/10.1038/s41586-024-07591-x>.
- [2] Juan M. Londono, Sai Ma, and Beth Anne Wilson (2023). “Global Inflation Uncertainty and its Economic Effects,” *FEDS Notes*. <https://doi.org/10.17016/2380-7172.3391>.

References

Available on request.