Matías Navarro

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Education

Ph.D. in Applied Economics and Management, Cornell University.

M.S. in Economics, University of Texas at Austin.

May 2026 (expected)

M.S. in Transportation Engineering, Pontificia Universidad Católica de Chile.

B.S. in Industrial Engineering, Pontificia Universidad Católica de Chile.

2012

Research Interests

Primary: Environmental and Energy Economics, Urban and Transportation Economics. Secondary: Empirical Industrial Organization, Spatial Economics.

Working Papers

"Paying at the pump and at the ballot box: Electoral penalties of motor fuel taxes" with Gian-Claudia Sciara, and Andrew Waxman.

Work in Progress

"On the right track? Designing optimal public transit contracts" (Job Market Paper).

"Optimal congestion pricing in road networks" with Avralt-Od Purevjav, and Shanjun Li.

"Bridges in Bangladesh" with Alejandro Molnar, and Forhad Shilpi.

Publications

Basso, L.J., Navarro, M. and Silva, H.E., 2021. "Public transport and urban structure." *Economics of Transportation*, 28, p.100232.

Research Experience

Research Assistant to Prof. Todd Gerarden	2022 - 2023
Research Assistant to Prof. Andrew Waxman	2019
Research Assistant to Profs. Leonardo J. Basso and Hugo E. Silva	2016 - 2017

Teaching Experience

Teaching Assistant, Cornell University 2021 - 2022

Introductory Microeconomics (undergraduate), Fall 2022

Environmental and Resource Economics (undergraduate), Fall 2021

Teaching Assistant, University of Texas at Austin

Economics of Ethics and Social Justice (undergraduate), Fall 2018 and Spring 2019

Introduction to Economics (undergraduate), Spring 2018

Introduction to Microeconomics (undergraduate), Fall 2017

Teaching Assistant, Pontificia Universidad Católica de Chile

Highway Traffic Flow (graduate), Fall 2013

Advanced Traffic Modeling (graduate), Spring 2013

Transportation Economics (graduate), Fall 2012

Operations Research (undergraduate), Spring 2012 and Fall 2012

Work Experience

Consultant, Development Research Group (DECSI), World Bank

2023 - 2024

2017 - 2019

2011 - 2013

Evaluated the effect of transportation infrastructure on economic activity in Bangladesh.

Consultant, Education Division, Inter-American Development Bank (IADB) 2019 - 2020 Supported the implementation of centralized school choice systems in Perú, Ecuador, and Brazil.

Consultant, Center for Sustainable Urban Development (CEDEUS)

2014 - 2017

Advised the Metropolitan Public Transit Authority of Santiago, Chile.

Fellowships, Honors, and Awards

Lourdes Benería Award, Mario Einaudi Center for International Studies, Cornell University.	2024
Interdisciplinary Transportation Doctoral Fellowship, Alfred P. Sloan Foundation.	2024 - 2025
Edward and Janet Heslop Fellowship, Cornell University.	2022 - 2023
Cornell Graduate School Fellowship.	2020
Dean's Prestigious Fellowship, University of Texas at Austin.	2018
Biennial Award of the Chilean Society of Transport Engineering.	2015
Padre Hurtado Award, Pontificia Universidad Católica de Chile.	2007

Seminar and Conference Presentations (including scheduled)

2026: RFF Transportation Engineering, Economics, and Policy Workshop.

2025: Cornell SEERE Seminar, Cornell IO Brown Bag, Cornell Real Estate and Urban Economics Symposium, AERE Summer Conference, ITEA Annual Conference.

Programming languages and Software

R, Julia, Matlab, QGIS, and LATEX.

Other

Languages: Spanish (native), English (fluent), French (basic).

Citizenship: Chilean.

References

Shanjun Li (Chair)
Doerr School of Sustainability
Stanford University
shanli@stanford.edu

Andrew Waxman

Lyndon B. Johnson School of Public Affairs University of Texas at Austin awaxman@utexas.edu

Todd Gerarden (Co-Chair)

Dyson School of Applied Economics and Management Cornell University gerarden@cornell.edu