

# Matías Navarro

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<http://mnavarrosudy.github.io>

## Education

Graduate Student, <i>Ph.D.</i> in Applied Economics and Management, Cornell University.	2020 - Present
M.S. in Economics, University of Texas at Austin.	2019
M.S. in Transportation Engineering, Pontificia Universidad Católica de Chile.	2014
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.

## Work in Progress

“Optimal congestion pricing in road networks” with Avralt-Od Purevjav, and Shanjun Li.  
“Paying at the pump and at the ballot box: Electoral penalties of motor fuel taxes” with Gian-Claudia Sciara, and Andrew Waxman.  
“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.

## Work and Research Experience

<i>Short-Term Consultant</i> , Development Research Group (DECSI), World Bank   Evaluated the effect of transportation infrastructure on economic activity in Bangladesh.	2023 - 2024
<i>Research Assistant</i> , Cornell University   Prof. Todd Gerarden - Dyson School of Applied Economics and Management.	2022 - 2023
<i>Research Consultant</i> , Education Division, Inter-American Development Bank (IADB)   Supported the implementation of centralized school choice systems in Perú and Ecuador.	2019 - 2020
<i>Research Assistant</i> , University of Texas at Austin   Prof. Andrew Waxman - LBJ School of Public Affairs.	2019
<i>Research Assistant</i> , The Complex Engineering Systems Institute (ISCI)   Prof. Leonardo J. Basso - School of Civil Engineering, Universidad de Chile.   Prof. Hugo E. Silva - Department of Economics, Pontificia Universidad Católica de Chile.	2016 - 2017
<i>Research Consultant</i> , Center for Sustainable Urban Development (CEDEUS)   Advised the Metropolitan Public Transit Authority of Santiago, Chile.	2014 - 2017
<i>Visiting Research Fellow</i> , Georgia Institute of Technology   Prof. Jorge Laval - School of Civil and Environmental Engineering.	2014

## Teaching Experience

<i>Teaching Assistant</i> , Cornell University   Undergraduate: Environmental and Resource Economics (Fall 2021), Introductory Microeconomics (Fall 2022).	2021 - 2022
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*Teaching Assistant*, University of Texas at Austin 2017 - 2019  
| Undergraduate: Introduction to Microeconomics (Fall 2017), Introduction to Economics (Spring 2018), Economics of Ethics and Social Justice (Fall 2018 and Spring 2019).

*Teaching Assistant*, Pontificia Universidad Católica de Chile 2011 - 2013  
| Graduate: Transportation Economics (Fall 2012), Advanced Traffic Modeling (Spring 2013), Highway Traffic Flow (Fall 2013).  
| Undergraduate: Operations Research (Spring 2012 and Fall 2012), Introduction to Public Policy (Spring 2012), Fundamentals of Transportation Engineering (Spring 2011), Traffic Flow Theory (Spring 2011 and Fall 2011).

**Fellowships, Grants, and Honors**

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

**Programming languages and Software**

R, Julia, Matlab, Python, ArcGIS, and L<sup>A</sup>T<sub>E</sub>X.

**Other**

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

Updated on January 26, 2024