

## EDUCATION

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**Columbia University** — New York, NY— Ph.D in Economics, anticipated graduation 2027

*Advisors* — Don Davis, David Weinstein, Eric Verhoogen

**Princeton University** — Princeton, NJ— Master in Public Affairs (MPA) 2020

**University of Pittsburgh** — Pittsburgh, PA — B.S./B.A. 2015

## RESEARCH AREAS

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Urban Economics, Spatial Economics, International Trade, Economic Development

## WORKING PAPERS

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[Populations in Spatial Equilibrium](#), with Matthew Easton.

*The appearance of power law-like distributions for city populations is a distinctive, recurring feature of human geography. We propose an explanation for this phenomenon that reflects variation in geography and trade between locations. Realistically modeling geography as the determinant of a location's exogenous productivity and amenity value results in lognormally distributed locational “fundamentals.” Given these fundamentals, populations are lognormally distributed within a broad class of quantitative spatial models and appear to follow a power law for the most populous locations (i.e., cities). Simulations mirror several empirical results in the literature on city population distributions.*

## PUBLICATIONS

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[Social Connectedness in Urban Areas](#), *Journal of Urban Economics*, Vol 118, July 2020, with Mike Bailey, Theresa Kuchler, and Johannes Stroebel.

*We use de-identified and aggregated data from Facebook to explore the spatial structure of social networks in the New York metro area. We find that a substantial share of urban residents' connections are to individuals who are located nearby. We also highlight the importance of transportation infrastructure in shaping urban social networks by showing that social connectedness declines faster in travel time and travel cost than it does in geographic distance. We find that areas that are more socially connected with each other have stronger commuting flows, even after controlling for geographic distance and ease of travel. We also document significant heterogeneity in the geographic breadth of social networks across New York zip codes, and show that this heterogeneity correlates with access to public transit. Zip codes with geographically broader social networks also have higher incomes, higher education levels, and more high-quality entrepreneurial activity. We also explore the social connections between New York zip codes and foreign countries, and highlight how these are related to past migration movements.*

## WORK IN PROGRESS

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### **Switching Costs in Production**

with Eric Verhoogen

### **Price-Cost Margins and Quality: Evidence from the Colombian Coffee Sector**

with Nicolás de Roux, Rocco Macchiavello, Pepita Miquel-Florensa, and Eric Verhoogen

### **Land Reform in Taiwan under Japanese Administration**

### **The Impact of the Interstate Highway System: Network Centrality and Internal Migration,**

with Simon Alder, Illenin Kondo, and Leonard Wantchekon

## TEACHING

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### *As Instructor*

Math Camp (Advanced/“C-track”) for Master in Public Affairs students at Princeton School of Public and International Affairs. Taught course 2022, 2023; anticipated 2024.

### *As Teaching Assistant*

International Trade, TA for Waseem Noor, Spring 2023. Evals: 4.92/5

Economic Growth & Development, TA for Xavier Sala-i-Martin, Fall 2022. Evals: 4.80/5

## AWARDS

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Wueller Teaching Award, Best Undergraduate Elective TA, 2022-2023

SYLFF Young Leaders Fellow in Public and International Affairs, 2019-2020

## PROFESSIONAL EXPERIENCE

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**Asian Development Bank (ADB)** — Jakarta, Indonesia/Remote — 06/2019 to 08/2022

*Economics Technical Advisor* — Authored reports on the Indonesian economy for bank loan programs. Supported the economics team in developing ADB strategy and policy.

**Vriens & Partners, Myanmar Office** — Yangon, Myanmar — 08/2017 to 07/2018

*Analyst* — Provided research on economic trends and policy issues in Myanmar and managed client engagement with the Myanmar government on policy issues.

**New York University Stern School of Business** — New York, NY — 08/2016 to 07/2017

*Junior Research Scientist* — Assisted the research of [Philipp Schnabl](#) and [Johannes Stroebel](#) in the areas of finance, social networks, and urban economics.

**Carnegie Endowment for International Peace** — Washington, DC — 08/2015 to 07/2016

*Junior Fellow* — Fellowship for research on Chinese and Southeast Asia.

## POLICY WRITING AND OP-EDS

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[Unlocking the Economic and Social Value of Indonesia’s State-Owned Enterprises](#), Asian Development Bank report, December 2022.

[China's Belt and Road - Determining a U.S. Response](#), Princeton Graduate Policy Workshop report for U.S. Department of State Office of Monetary Affairs, March 2020.

[Myanmar's Post-Election Transition](#), op-ed with Vikram Nehru, CEIP. 01/08/2016.

[Is the China Growth Model Dead?](#) op-ed with Yukon Huang, the Diplomat. 09/15/2015.

## OTHER EXPERIENCE & SKILLS

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**Journal of Public and International Affairs (JPIA)** — Princeton, NJ — 09/2018 to 06/2020

*Managing Editor* — Senior leadership team for student-run journal of policy studies.

**Languages** — English (native), Chinese (advanced), French (intermediate), Indonesian (intermediate), Burmese (basic).