

JACOB FABIAN

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BROWN UNIVERSITY

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References

Professor **Brian Knight**
Brown University
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Professor **Jesse Bruhn**
Brown University
jesse-bruhn@brown.edu

Professor **Matthew Turner**
Brown University
matthew_turner@brown.edu

EDUCATION

Brown University	Providence, RI
Ph.D. Candidate in Economics	2019 - 2025
M.A. Economics	2019 - 2020

Drexel University	Philadelphia, PA
B.S. Economics	2012 - 2016
B.S. Music Industry Studies	2012 - 2016

TEACHING AND RESEARCH FIELDS

Applied Microeconomics, Environmental Economics, Urban Economics, Political Economy, Public Economics

JOB MARKET PAPER

The Price of Risk: Flood Insurance Premium Reform and Local Development

The climate is changing rapidly. Globally, trillions of dollars of housing wealth is at risk of flood damage, putting billions of people in harm's way. In many countries, federally administered flood insurance programs are the primary tool that policy-makers employ to influence coastal development and mitigate flood damages. I study the design of federal flood insurance programs in the United States, using data on the universe of tax parcels in Florida and North Carolina. For identification, I leverage a 2021 reform to the National Flood Insurance Program's rate calculation methodology that more tightly linked prices to actual underlying flood risk. I find that increasing flood insurance premiums causes declines in new development. My findings suggest the existence of substantial moral hazard prior to the reform, and emphasizes the importance of accurately pricing risk for avoiding the worst economic - and human - costs of climate change.

WORKS IN PROGRESS

Path Dependence in the Labor Market: the Long-run Effects of Early Career Occupational Experience with [Jesse Bruhn](#), [Luke Gallagher](#), [Matthew Gudgeon](#), [Adam Isen](#), and [Aaron Phipps](#)
[Draft available upon request]

Demand for Green Skills in an Evolving Landscape
with [Michel Serafinelli](#), [Esther Arenas-Arroyo](#), [Bernhard Schmidpeter](#), and [Friederike Mengel](#)

Race, Poverty, and the Changing American Suburbs
with [Michael Neubauer](#)

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

Brown University <i>Research Assistant for Professor Jesse Bruhn</i>	Providence, RI 2019 - 2025
Congressional Budget Office (CBO) <i>Assistant Analyst</i>	Washington, DC 2016 - 2019
Drexel University <i>Research Assistant for Professor Andre Kurmann</i>	Philadelphia, PA 2016

TEACHING

Lab Manager at Brown University

- Undergraduate Research Fellows for Social Science and Public Policy
(*Professors: Jesse Bruhn, Bryce Steinberg*) 2022 - 2023

OTHER

- **Affiliations:** Institute at Brown for Environment and Society (2021-2025), Annenberg Institute at Brown (2022-2025)
- **Service:** Organizer of Applied Microeconomics Breakfast, Brown University, 2022-2023; Organizer of Applied Microeconomics Lunch, Brown University, 2021; Organizer of Applied Microeconomics Research Group, 2023-2025
- **Software:** Python, R, Stata, LaTeX, GitHub, QGIS, Microsoft Excel