

John M. Morehouse

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References: [Trudy Ann Cameron](#), [Mark Colas](#), [Ed Rubin](#), [Keaton Miller](#)

Skills: R, Julia, SQL, Cloud Computing, Causal Inference, Machine Learning, Demand Estimation

EDUCATION

University of Oregon

Ph.D., Economics

June 2022

M.S., Economics

December 2018

B.S., Economics (with Departmental Honors) & Minor in Mathematics

June 2016

RESEARCH PAPERS

The Environmental Cost of Land-Use Restrictions

with [Mark Colas](#) [Paper](#), [Minneapolis Fed Coverage](#)

Quantitative Economics, 2022. 13(1): 179-223.

Downwind and Out: The Strategic Dispersion of Power Plants and Their Pollution

with [Ed Rubin](#) [Draft](#), [Slides](#)

Revise & Resubmit: Journal of the Association of Environmental and Resource Economists

Carbon Taxes in Spatial Equilibrium

Job Market Paper. Won “Best graduate student research paper” award (University of Oregon) [Draft](#)

In Search of Peace and Quiet: The Heterogeneous Impacts of Short-Term Rentals on Housing Prices

with [Brett Garcia](#) and [Keaton Miller](#) [Draft](#), [Slides](#)

Labor Market Power in a Spatial Equilibrium

with [Claudio Luccioletti](#) and [Sophie Mathes](#)

The Distributional Impacts of Climate Change Across US Local Labor Markets

with [Emmett Saulnier](#)

EMPLOYMENT

Freddie Mac

August 2022 - Present

Senior Quantitative Analyst

- Analyze mission-critical models impacting portfolio worth over two trillion dollars to ensure business efficacy and compliance with various regulatory requirements.
- Engage and interview expert model developers and validators to form independent opinion on model-related issues and audits

University of Oregon

September 2017 - June 2022

Graduate Employee

- Lead instructor for undergraduate courses (urban economics 3x ([slides](#)), econometrics 1x).

Federal Reserve Bank of San Francisco

July 2021 - August 2021

Thomas J. Sargent Dissertation Intern

- Conducted academic research on climate policy and presented findings.

Vivid Economics

July 2020 - December 2020

Intern → Freelance Economist

- Led (managed one other employee) the development of global and regional energy demand projections.
- Developed cost estimation strategy for the UN's Sustainable Development Goals using a CGE model.