

# JOHN M. MOREHOUSE

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## EDUCATION

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### University of Oregon

Ph.D, Economics

Research Interests: Urban & Environmental Economics

*Expected June 2022*

### University of Oregon

M.S, Economics (GPA: 3.81)

*June 2018*

### University of Oregon

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

*December 2016*

## RESEARCH

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### Working Papers

*The Environmental Cost of Land-Use Restrictions (with Mark Colas)* [OIGI Working Paper #20](#)

- **Revise & Resubmit:** *Quantitative Economics*
- Estimates a static, general equilibrium discrete choice model to examine the impact of relaxing land-use regulations in California on US carbon emissions

### Work in Progress

*The Strategic Geography of US Electricity Emissions (with Ed Rubin)*

- Leverages spatial variation in the enforcement of air quality standards to assess the strategic locating of US coal-fired power plants

*Labor Market Responses to Environmental Regulation*

- Estimates a static, general equilibrium, discrete choice model to examine how incidence from carbon pricing varies across cities and sectors

## TEACHING EXPERIENCE

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### Instructor

- EC 421: Introduction to Econometrics Summer 2020
- [EC 330: Urban and Regional Economic Problems](#) Winter 2020

### Teaching Assistant

- EC 607: Core Macro I & III (Graduate Level) Fall 2018, Spring 2019
- EC 421: Introduction to Econometrics Winter 2019, Spring 2020
- EC 201: Introduction to Microeconomics Fall 2017, Fall 2019
- EC 202: Introduction to Macroeconomics Spring 2018
- EC 311: Intermediate Microeconomics Winter 2018

## PROFESSIONAL EXPERIENCE

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### Vivid Economics

Summer 2020

*Intern*

#### Projects

- *Costing Sustainable Development Goals (SDGs) in Mexico* (Project Manager: [Jake Wellman](#). Client: [GiZ](#))
  - Developed a general methodology for costing specific SDG targets, with a specific example to Mexico
  - Engaged with relevant stakeholders and drafted reports
- *Vivid Energy Model* (Project Manager: [Georgios Avgerinopoulos](#). Client: Internal)
  - Assisted in building an in-house global energy systems model for future clients
  - Gathered, cleaned, and aggregated energy data for 21 regions and 7 renewable energy technologies
  - Identified gaps in the data and suggested relevant proxies

### Economics Admissions Committee

2019

- Graduate Student Representative on the admissions committee for the Economics Ph.D. program at the University of Oregon

### Research Assistant to Dr. Ed Rubin

2019

- Analyzed confidential firm-level data from a large online retailer
- Estimated various Difference-in-Differences (DiD) regressions to examine the causal impact of loan financing for small businesses in a developing country.

### Summit Bank

2017

*Finance Associate*

- Utilized regression analysis techniques (linear probability models, logistic regression, DiD) to assess solvency of the bank's vendors

## SKILLS

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#### Software

- R, Julia, Markdown,  $\LaTeX$

#### Methods

- General Equilibrium, Discrete Choice (BLP, Spatial Equilibrium models)
- Conventional Discrete Choice Methods
- Structural Estimation (GMM, SMM, MLE, QMLE)
- Causal Inference (DiD, Synthetic Controls, Instrumental Variables)
- Data Science Techniques (Regularized Regression, Decision Trees, KNN, Spatial Data Analysis)

## CONFERENCES & WORKSHOPS

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CEP/London School of Economics Summer School	2019
Berkeley/Sloan Summer School in Environmental and Energy Economics	2019
Western Economics Association International	2019
The Workshop for Environmental Economics & Data Science	2019
Urbanism Next	2019

## HONORS & AWARDS

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Kleinsorge Summer Research Award	2019
The National Institute for Transportation and Communities (NITC) Scholarship	2019
Edward G. Daniel Scholarship	2018
Graduate Teaching Fellowship	2017 - present

**References Available Upon Request**