

JOHN M. MOREHOUSE

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EDUCATION

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

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

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

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 SDG targets, with an application to Mexico
 - Engaged with relevant stakeholders and drafted reports
- *Vivid Energy Model* (Project Manager: [Georgios Avgerinopoulos](#). Client: Internal)
 - Currently working on building global energy demand projections by sector for 21 regions
 - Assisted in techno-economic input data sourcing and gathering for supply side
 - 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

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)

HONORS & AWARDS

General University Scholarship	2020
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

CONFERENCES & WORKSHOPS

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

References Available Upon Request