Emmett Saulnier

About

I am a 4th year PhD student at the University of Oregon studying economics. My research interests include environmental, urban, health, and climate economics.

Education

Ph.D. Economics, University of Oregon, *expected 2024*
M.S. Economics, University of Oregon, 2020
B.A. Economics, University of Virginia, 2017
B.S. Commerce, University of Virginia, 2017

Working papers

Vertical Migration Externalities
Mark Colas and Emmett Saulnier

Research in Progress

Optimal Solar Subsidies
Mark Colas and Emmett Saulnier

Perinatal health effects of herbicides: Glyphosate, Roundup, and the rollout of GM crops
Edward Rubin and Emmett Saulnier

The Distributional Impacts of Climate Change across U.S. Local Labor Markets
John Morehouse and Emmett Saulnier

Teaching

EC 434/534: Environmental Economics, U.O. Winter 2023
Instructor of record for upper level undergraduate/masters environmental economics course
EC 320: Introduction to Econometrics, U.O. Spring 2022
Instructor of record for first course in undergradute econometrics sequence
EC 421: Introduction to Econometrics, U.O. Winter 2022
Led lab section for upper level undergraduate econometrics class
EC 607: Core Microeconomics III, U.O. Spring 2021
Led discussion section for 1st year PhD students covering topics in game theory and general equilibrium
EC 607: Core Microeconomics II, U.O. Winter 2021
Led discussion section for 1st year PhD students covering topics in producer theory and partial equilibrium

Professional Experience

Research Assistant, Dr. Meredith Fowlie and Dr. Edward Rubin Eugene, OR 2021
Built a machine learning model to predict air pollution levels using a chemical transport model and weather data.
Senior Business Analyst, CarMax Richmond, Va 2019
Built a machine learning model that informed operational strategy and analyzed experiments to prove its value.
Business Analyst, CarMax Richmond, Va 2017-2019
Worked on a multidisciplinary team of marketing strategists, software engineers, and data analysts to improve carmax.com's visibility in search engine results.
Feeds and Search Engine Marketing Intern, Merkle Charlottesville, Va 2016
Optimized product feeds for online retail clients to be sent to various search and comparison shopping engines

Presentations

2023 *(including scheduled)* Freddie Mac, Western Economic Association International (WEAI) Annual Conference
2022 Western Economic Association International (WEAI) Annual Conference, Seminar of Water and Environmental Economics Online (SWELL), The Workshop in Environmental Economics and Data Science (TWEEDS)

2021 Berkeley/Sloan Summer School in Environmental and Energy Economics

Honors and Awards

Kleinsorge Summer Research Fellowship 2022
Dale Underwood Outstanding Graduate Student Scholarship, 2020
Best 1st Year Econometrics Performance, 2020
First Year Fellowship, 2019-2020

Skills

Computing: R, SQL, Julia
Visual: Tableau, $\LaTeX$, Markdown

Contact

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