

# Emmett Saulnier

## About

I am an ORISE research fellow with the US EPA's Office of Water and a PhD Candidate at the University of Oregon studying economics. My research interests include environmental and public economics, with a focus on environmental justice.

## Education and Appointments

**ORISE Research Fellow**, US EPA Office of Water 2023-present  
**Ph.D. Economics**, University of Oregon, *Expected 2025*  
**M.S. Economics**, University of Oregon, 2021  
**B.A. Economics**, University of Virginia, 2017  
**B.S. Commerce**, University of Virginia, 2017

## Publications

### Vertical Migration Externalities

Mark Colas and Emmett Saulnier. *Regional Science and Urban Economics*, 2023. [\[Paper\]](#)

## Working papers

### Optimal Subsidies for Residential Solar

Mark Colas and Emmett Saulnier. *R&R, JPE Micro. CESifo working paper 10446*. [\[Paper\]](#)

### Glyphosate exposure & GM seed rollout unequally reduced perinatal health

Edward Rubin and Emmett Saulnier. *Submitted*. [\[Paper\]](#)

### Means Tested Solar Subsidies

Mark Colas and Emmett Saulnier. [\[Paper\]](#)

## Research in Progress

### The Distributional Impacts of Climate Change across U.S. Local Labor Markets

John Morehouse and Emmett Saulnier. *Job Market Paper, draft available upon request*.

### Out-of-sight, Out-of-mind? Distance Decay in Use and Non-use Value of Water Quality

Emmett Saulnier and Xibo Wan

## Teaching

**EC 434/534: Environmental Economics**, UO Fall 2024, Winter and Spring 2023

Instructor of record for upper level undergraduate/masters environmental economics course

**EC 320: Introduction to Econometrics**, UO Spring 2022

Instructor of record for first course in undergraduate econometrics sequence

**EC 421: Introduction to Econometrics**, UO Winter 2022

Led lab section for upper level undergraduate econometrics class

**EC 607: Core Microeconomics III**, UO Spring 2021

Led discussion section for 1st year PhD students covering topics in game theory and general equilibrium

**EC 607: Core Microeconomics II**, UO 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 using a chemical transport model and weather data.

**Senior Business Analyst, CarMax** Richmond, Va 2019

Built a machine learning model to inform 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

**2024** Cal Poly, US EPA NCEE, US EPA OPP, AERE Summer Conference

**2023** Freddie Mac, WEAI Annual Conference, Camp Resources XXIX, TWEEDS, AERE@OSWEET

**2022** WEAI Annual Conference, SWELL, 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, git

**Visual:** Markdown, LaTeX, Tableau

**Languages:** English, Spanish (intermediate)

## Contact

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**Github:** [emmettsaulnier](#)

## References

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**Dr. Edward Rubin**

Assistant Professor

University of Oregon

[edwardr@uoregon.edu](mailto:edwardr@uoregon.edu)

**Dr. Eric Zou**

Assistant Professor

University of Michigan

[ericzou@umich.edu](mailto:ericzou@umich.edu)