

# Emmett Reynier, né Saulnier

## About

I am an ORISE Research Fellow with the US EPA Office of Water and a PhD Candidate at the University of Oregon studying economics. My research interests include environmental and public economics.

## 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

### Optimal Subsidies for Residential Solar

Mark Colas and Emmett Reynier. *Accepted, Journal of Political Economy Microeconomics*. [\[Paper\]](#)

### Vertical Migration Externalities

Mark Colas and Emmett Reynier. 2023. *Regional Science and Urban Economics*. 101, 103900. [\[Paper\]](#)

## Working papers

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

Edward Rubin and Emmett Reynier. *Revise and Resubmit, PNAS*. [\[Paper\]](#)

### Means Tested Solar Subsidies

Mark Colas and Emmett Reynier. *Submitted, CESifo Working Paper 11378*. [\[Paper\]](#)

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

Emmett Reynier and John Morehouse. *Job Market Paper*. [\[Paper\]](#)

## Research in Progress

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

Nathaniel H. Merrill, Emmett Reynier, and Xibo Wan. [\[Slides\]](#)

## Teaching

### Primary Instructor

**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

### Teaching Assistant

**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** (*including scheduled*) Cal Poly, US EPA NCEE, US EPA OPP, AERE Summer Conference, Social Cost of Water Pollution Workshop, Heartland Workshop, Freddy Mac

**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:** [emmettreynier](https://github.com/emmettreynier)

## References

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**Dr. Edward Rubin**

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

**Dr. Eric Zou**

Assistant Professor

University of Michigan

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