

# 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.

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## 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

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## Working papers

**Vertical Migration Externalities**  
Mark Colas and Emmett Saulnier

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## 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

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## 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 undergraduate 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

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## 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

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## 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

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## 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

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## Skills

**Computing:** R, SQL, Julia  
**Visual:** Tableau, *LaTeX*, Markdown

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## Contact

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**Github:** [emmettsaulnier](https://github.com/emmettsaulnier) (<https://github.com/emmettsaulnier>)