

# ELISE BRESHEARS

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PhD candidate, studying energy/environmental economics and urban economics, with 6+ years of experience in data and economic analysis. Previous work focuses on energy efficiency in the residential sector with an emphasis on environmental justice.

## Skills

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Software (Advanced): LaTeX, Microsoft Office, R, SQL, and Slurm Workload Manager  
Software (Intermediate): Analytica, ArcGIS, MATLAB, Qualtrics, Stata, and Visual Basic

Research: Demand estimation, difference-in-differences, regression discontinuity, spatial analysis, survey design, and other data management and visualization tools

## Education

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### *Michigan State University, East Lansing, MI*

PhD, Economics (Dual Major: Environmental Science and Policy), expected 2023

Dissertation: "Information Disclosure: Applications in Energy Economics"

### *Portland State University, Portland, OR*

MS, Economics, 2017

BS, Economics (2015) and Mathematics (2017), *summa cum laude*

## Work (Industry) Experience

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### *Bonneville Power Administration, Portland, OR*

Operations Research Analyst – Pathways Intern (40 hours per week)

June 2017 – August 2017

- Constructed a database of daily load forecasts, examining accuracy between forecasts

### *Energy Trust of Oregon, Portland, OR*

Planning Intern (20 hours per week)

April 2016 – May 2017

- Assisted planners in the development of Integrated Resource Plans for multiple utilities
- Conducted an analysis of the organization's energy efficiency portfolio
- Developed a market saturation model for residential lighting

### *Social Security Administration, Beaverton, OR*

Pathways Intern (40 hours per week)

August 2015 – September 2015

- Maintained the database of death certificates, coordinating the termination of benefits

## Work (Research) Experience

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### ***National Bureau of Economic Research, Cambridge, MA (Remote)***

Pre-Doctoral Fellow on Energy Economics (40 hours per week)

July 2021 – Present

- Examined changes in residential energy efficiency after the institution of redlining

### ***Michigan State University***

Graduate Researcher (20 – 40 hours per week)

August 2018 – June 2021

- Estimated the capitalization of energy efficiency in the housing market
- Estimated the impact of LED street lights on crime and traffic accidents
- Examined a mandatory energy disclosure policy, studying issues of non-compliance

Research Assistant (10 – 20 hours per week)

January 2020 – May 2021; June 2022 – Present

- Estimated the impact of foreclosure assistance programs on home retention

### ***Portland State University***

Research Assistant (10 – 20 hours per week)

December 2016 – August 2017

- Evaluated a national survey on herbicide resistance management, examining a farmer's willingness to engage in best practices and cooperative approaches.
  - Published in *Journal of Ecological Economics*

## Work (Teaching) Experience

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### ***Michigan State University***

Instructor (40 hours per week)

July 2019 – August 2019

- Taught a course on introduction to macroeconomics

Teaching Assistant (20 hours per week)

August 2017 – December 2019

- Supported the teaching of introduction and intermediate microeconomic and macroeconomic courses as well as topic courses (e.g., climate change)

### ***Portland State University***

Teaching Assistant (20 hours per week)

January 2016 – June 2017

- Supported the teaching of introduction, intermediate, and graduate microeconomic and macroeconomic courses as well as topic courses (e.g., econometrics)