# Zachari Pond

Ph.D. Candidate, Agricultural and Resource Economics, University of California, Berkeley
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## Education

**University of California, Berkeley**
Ph.D. in Agricultural & Resource Economics — Expected 2027
M.S. in Agricultural & Resource Economics — 2023

**Brigham Young University**
B.A. in Economics and Mathematics, *summa cum laude* — 2021

## Fields

Environmental Economics, Behavioral Economics, Public Economics

## References

**James Sallee**
Dept. of Agricultural & Resource Economics
University of California, Berkeley
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**Dmitry Taubinsky**
Department of Economics
University of California, Berkeley
dmitry.taubinsky@berkeley.edu

**Kelsey Jack**
Haas School of Business
University of California, Berkeley
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## Job Market Paper

"The Welfare Effects of Providing Information about Externalities."

**Abstract:** Governments routinely use information to motivate prosocial behavior. The welfare effects of doing so depend on how information changes behavior and how it affects consumers: by improving their decisions or by producing shame or pride. This paper combines theory and experiments to evaluate three interventions designed to encourage individuals to reduce their carbon emissions: privately revealing the dollar damages from one's emissions, privately revealing one's emissions rank, and publicly revealing one's emissions to another participant. In a model with altruism, social-image, and self-image utility, I decompose the total welfare effect of each intervention into its instrumental value, direct effect on image utility, and external benefits. In experiments with over 6,500 U.S. adults, I estimate these components and find that both forms of private information increase consumer welfare but have no detectable effect on abatement. In contrast, public recognition increases abatement but decreases consumer welfare and total welfare. Evaluating these interventions by behavior alone would reverse their ranking.

## Publications

Frandsen, B. and Z. A. Pond. 2025. "Simultaneous Confidence Intervals for Partially Identified Parameters." *Journal of Business & Economic Statistics*, 43(1): 232–240.

## Working Papers

"The Welfare Effects of Climate Change for Outdoor Recreation," with J. Gellman and M. Wibbenmeyer.

## Pre-PhD Publications (Environmental Health)

Pond, Z. A., P. K. Saha, C. J. Coleman, A. A. Presto, A. L. Robinson, and C. A. Pope III. 2022. "Mortality Risk and Long-term Exposure to Ultrafine Particles and Primary Fine Particle Components in a National US Cohort." *Environment International*, 167: 107439.

Coleman, C. J., R. A. Yeager, Z. A. Pond, D. W. Riggs, A. Bhatnagar, and C. A. Pope III. 2022. "Mortality Risk Associated with Greenness, Air Pollution, and Physical Activity in a Representative US Cohort." *Science of the Total Environment*, 824: 153848.

Pond, Z. A., C. S. Hernandez, P. J. Adams, S. N. Pandis, G. R. Garcia, A. L. Robinson, J. D. Marshall, R. Burnett, K. Skyllakou, P. Garcia Rivera, E. Karnezi, C. J. Coleman, and C. A. Pope III. 2022. "Cardiopulmonary Mortality and Fine Particulate Air Pollution by Species and Source in a National US Cohort." *Environmental Science & Technology*, 56(11): 7214–7223.

Garcia III, G. R., N. C. Coleman, Z. A. Pond, and C. A. Pope III. 2021. "Shape of BMI-Mortality Risk Associations: Reverse Causality and Heterogeneity in a Representative Cohort of US Adults." *Obesity*, 29(4): 755–766.

Pope III, C. A., N. Coleman, Z. A. Pond, and R. T. Burnett. 2020. "Fine Particulate Air Pollution and Human Mortality: 25+ Years of Cohort Studies." *Environmental Research*, 183: 108924.

## Research & Professional Experience

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| Research Intern, Resources for the Future | 2023 |
| Research Assistant to C. Arden Pope III, Brigham Young University | 2019–2021 |
| Research Assistant to Brigham Frandsen, Brigham Young University | 2020–2021 |

## Grants & Awards

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| Giannini Foundation of Agricultural Economics Mini-Grant ($35,000) | 2026 |
| Giannini Foundation of Agricultural Economics Mini-Grant ($35,000) | 2024 |
| Xlab Graduate Student Research Funding ($7,000) | 2024 |
| Giannini Foundation of Agricultural Economics Mini-Grant ($35,000) | 2023 |
| Outstanding Graduate Student Instructor Award, UC Berkeley | 2022 |

## Teaching Experience

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| Economic Analysis for Business Decisions, UC Berkeley Haas (MBA) | 2026 |
| Intermediate Microeconomics with Applications to Sustainability, UC Berkeley | 2025, 2026 |
| Natural Resource Economics, UC Berkeley | 2025 |
| Environmental Economics, UC Berkeley | 2022, 2024 |
| Psychology and Economics, UC Berkeley | 2023 |
| Economics of Water Resources, UC Berkeley | 2023 |
| International Environmental Economics, UC Berkeley | 2021, 2022 |
| Introduction to Econometrics, Brigham Young University | 2020 |
| Intermediate Microeconomic Theory, Brigham Young University | 2019 |

## Conferences & Presentations

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| USDA W5133 Environmental Economics Annual Meeting | 2026 |
| AERE Summer Conference | 2024 |
| AERE Sessions at the Western Economic Association International Annual Conference | 2024 |

## Service

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| Admissions Committee, UC Berkeley ARE | 2025 |
| Graduate Assembly Delegate, UC Berkeley | 2023 |

## Referee

*Journal of Public Economics*

Last updated: November 13, 2026