

Peri M. Brimley, MS

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Researcher with a strong economic background, focused in environmental policy and resource management

Education

University of Wyoming

Aug. 2021 – Present

Doctor of Philosophy in Economics, GPA: 3.71

Advisors: Todd L. Cherry, Ph.D., Linda Thunström, Ph.D.

University of Wyoming

Aug. 2021 – Oct. 2023

Master of Science in Economics, GPA: 3.71

Thesis: *Using Stated- and Revealed-Preference Modeling to Estimate Demand for Species-Specific Recreation in Grand Teton National Park*

Advisors: Todd L. Cherry, Ph.D., Linda Thunström, Ph.D.

University of Utah

Aug. 2016 – Dec. 2020

Bachelor of Science in Economics, GPA: 3.36

Research and Technical Experience

Ph.D. Researcher

Aug. 2021 – Present

University of Wyoming, Dept. of Economics

Current research activities:

- *Analysis of public and manager preferences for the allocation of wildfire management funds between suppression and risk mitigation activities, using a national survey experiment and econometric techniques*
- *Development of a national survey experiment, funded by the National Science Foundation, to be used to investigate how exposure to wildfire and wildfire prevention activity affects preferences for individual and collective wildfire risk reduction investments*
- *Analysis of how informational frames influence public attitudes and political support for climate policies, using a national randomized controlled trial*

Undergraduate Researcher

Jan. 2020 – Aug. 2021

University of Utah, Sorenson Impact Center

- *Conducted in-depth analyses of market solutions aimed at minimizing the existing capital gap between financial institutions and marginalized communities*

Publications

** Indicates authors contributed equally*

Published:

3. Cherry, T. L.; **Brimley, P.**; Longuevan, J.; Thunström, L. *In-state generation requirements and the acceptability of renewable portfolio standards*. Utilities Policy, 2023. <https://doi.org/10.1016/j.jup.2023.101662>
2. Dubno, J.; Clarke, K.; Nicholson, A.; **Brimley, P.**; Hill, D.; Jowers, J. *Policy Priorities to Unlock Catalytic Capital: White Paper Series*. Sorenson Impact Center, 2020. [URL](#)
1. Clarke, K.*; **Brimley, P.*** "Recovery Requires Saving Businesses Owned by Women and People of Color." Forbes, 2020. [URL](#).

In Preparation:

1. **Brimley, P.**; Cherry, T. L.; Whitehead, J. Using stated-preference modeling to estimate demand for species-specific recreation in Grand Teton National Park. In preparation (2024).
2. **Brimley, P.**; Cherry, T.L. Eliciting risk preferences for wildfire management on federal public lands. In preparation (2024).
3. Cherry, T.L.*; **Brimley, P.***; Hochard, J.*; Leonard, B.* Examining Recency of 2024 Wildfire Season Exposures as an Antidote to the Intangibility of Public Policy Dilemma. In preparation (2024).
4. **Brimley, P.**; Thunström, L.; Cherry, T.L.; Noy, S. The effect of information on political support for activities that combat climate change. In preparation (2024).

Presentations

Brimley, P.; Thunström, L.; Cherry, T.L.; Noy, S. *The effect of information on political support for activities that combat climate change*. SEA 95th Annual Meeting, Washington DC, November 2024. Section speaker.

Brimley, P.; Cherry, T. L.; Whitehead, J. *Using stated-preference modeling to estimate demand for species-specific recreation in Grand Teton National Park*. WEA 99th Annual Conference, Seattle, Washington, July 2024. Section speaker.

Technical Skills

- **R, STATA, & MATLAB** (*Highly proficient*)
Focus areas: Statistical modeling, econometric analysis and panel data techniques, economic optimization, and simulation modeling.
- **ERDAS Imagine** (*Moderately proficient*)
Focus areas: Remote sensing data analysis, image processing, and spatial analysis, with a focus on land use/land cover classification, change detection, and environmental monitoring.

Teaching Experience

Teaching Assistant
University of Wyoming
Intermediate Microeconomics

Fall 2024

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| Teaching Assistant University of Wyoming Behavioral Economics | <i>Fall 2024</i> |
| Teaching Assistant University of Wyoming Intermediate Microeconomics | <i>Spring 2022</i> |
| Teaching Assistant University of Wyoming Evolution of Economic Ideas | <i>Fall 2021</i> |
| Teaching Assistant University of Utah Introduction to Health Economics | <i>Spring 2021</i> |

Honors & Awards

- Outstanding PhD Research Student Award, Economics, University of Wyoming (2024)
- Shelby Gerking Graduate Student Award, Economics, University of Wyoming (2023)

References

Todd L. Cherry, PhD
Graduate Committee Co-Chair, University of Wyoming
tcherry@uwyo.edu

Linda Thunström, PhD
Graduate Committee Co-Chair, University of Wyoming
lthunstr@uwyo.edu