

# Alivia R. Cochran

+1 (970) 388-0777

[acochra6@uwyo.edu](mailto:acochra6@uwyo.edu)

[arcecon.github.io](https://arcecon.github.io)

[linkedin.com/in/alivia-cochran](https://linkedin.com/in/alivia-cochran)

## Education

2026 (Prospective) Ph.D. Economics, University of Wyoming  
2022 M.S. Economics, University of Wyoming  
2020 B.A. Economics, *Summa Cum Laude*, with Minors in Mathematics and Spanish, University of Northern Colorado

## Experience

2021 – Present **Research Assistant for Professor Charles F. Mason, University of Wyoming**  
– Associate Editor for the journal *Economics of Energy and Environmental Policy*  
– Conducting research for a grant through the Alfred P. Sloan Foundation to assess policy strategies for scaling carbon capture and storage in the United States  
– Constructing a theoretical model based on real options for the investment decision in carbon capture, utilization, and storage (CCUS), and solving the model via numerical simulation

2024 – Present **Graduate Student Engagement Committee member, Association of Environmental and Resource Economists (AERE)**  
– Conducting and facilitating panels for graduate students  
– Hosting the Emerging Professionals Social at AERE-affiliated conferences

2025 **Guest Speaker for ECON 620 – Industrial Organization and the Energy Sector, Rice University**  
– Teaching Economics Master's students about CCUS and how firms optimally invest in CCUS  
– Explaining the concepts of mothballing and uncertain profits and policies

2023 **Instructor of Record for ECON 1010 – Principles of Macroeconomics, University of Wyoming**  
– Teaching 150 students during the Fall 2023 semester on Mondays, Wednesdays, and Fridays from 9:00-9:50 a.m.  
– Creating class lectures, creating exams, and tutoring during office hours

2023 **Intern - Student Trainee Economist, Federal Energy Regulatory Commission (FERC)**  
– Creating an interactive map that shows company-level receipt and delivery points at physical natural gas hubs along a pipeline  
– Constructing a dashboard that shows number of physical and financial transactions on each natural gas hub for a selected company and period

2020 – 2021 **EconHelp Tutor, University of Wyoming**  
– Tutoring every undergraduate economics course offered during the 2020-2021 academic year

2018 – 2020 **Tutorial Services Peer Tutor, University of Northern Colorado**  
– College Reading and Learning Association Level 2 certified tutor in 100-300 level economics, mathematics, and Spanish courses

## Research Papers

1. *The optimal decision to invest in carbon capture, utilization, and storage (CCUS): An investment under uncertainty framework* (with Charles F. Mason)  
– Presented at seven conferences | Average number of attendees at each presentation: 40
2. *Impacts of state-level policies on wind farm investments*
3. *Firm's optimal decision to invest in a wind farm using an investment under uncertainty framework*  
– Presented at four conferences | Average number of attendees at each presentation: 40
4. *The value of managing a common pool resource* (with Jason F. Shogren, Irene Zapata-Morán, Nida Zafar, and Srutakirti Mukherjee)

## Honors and Awards

2024 Shelby Gerking Graduate Student Award in Economics, University of Wyoming  
2023 William E. Morgan Graduate Student Award in Economics, University of Wyoming  
2021 Outstanding First-Year PhD Student in Economics Award, University of Wyoming  
2018 – 2020 Named to Dean's List of Academic Distinction, University of Northern Colorado  
2019 Recognized for Academic Achievement in Economics at the 2019 College of Humanities and Social Sciences Honors Convocation, University of Northern Colorado

## Skills

Computing Skills R, MATLAB, Stata, Mathematica, L<sup>A</sup>T<sub>E</sub>X, Qualtrics, ArcGIS, Microsoft Office  
Languages English (native), Spanish (proficient)