

Jacob Gifford

Address

School of Economic Sciences
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Contact Information

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Education

- **Ph.D., Economics** **Expected 2027**
Washington State University, School of Economic Sciences (SES); Pullman WA
Fields: Environmental/Natural Resource Economics, Econometrics
Committee: Jonathan Yoder (Chair, SES), Kirti Rajagopalan (Biological Systems Engineering), Michael Brady (SES)
- **B.S., Economics** **2023**
Minors in Mathematics and GIS
Brigham Young University - Idaho; Rexburg, ID
Cum Laude

Research in Progress

- Gifford, Jacob (2025). “Crop Choice as Hostage: Rule Commitment, Rent Seeking, and Water Allocation in the Pacific Northwest”. *In Progress*
- Gifford, Jacob (2025). “Bioeconomic Welfare of Intraseasonal Spatiotemporal Streamflow Acquisition Strategies for Salmon Conservation”. *In Progress*

Peer Reviewed Publications

- Basu, Reetwika, Jacob Gifford, Michael Brady, Joseph Cook, Kirti Rajagopalan, and Jonathan Yoder (2025). “An Agent-Based Model of Agricultural Water Market Structure and Function”. *Water Resources and Economics*, p. 100267. issn: 2212-4284. doi: [10.1016/j.wre.2025.100267](https://doi.org/10.1016/j.wre.2025.100267).

Invited Talks and Seminars

- “An Agent-Based Model of Agricultural Water Market Structure and Function.” Department of Computational and Data Sciences, George Mason University, October 2024.

Professional Experience

- Graduate Research Assistant, Jonathan Yoder, School of Economic Sciences, WSU; 2024-2025
 - Technology for Trade NIFA Project 1016467

- AgAID - NSF AI Institute Water Intelligence Group
- GIS Analyst Intern, Fremont County Idaho GIS Office 2023
- GIS Consultant, Better in our Backyard 2023
- Research Project Lead, College of Business and Communication, Brigham Young University - Idaho 2022
- Research Assistant, Jeffrey Oliver, Department of Sociology, Brigham Young University - Idaho 2021
- Research Intern, Grameen Foundation 2021-2022

Instructional Experience

- SOC 295-R Games in Economic Sociology, 2021-2022
Department of Sociology, Brigham Young University-Idaho

Fellowships, Grants, Honors, & Awards

- Ezra Taft Benson Award for Excellence in Economics, Brigham Young University - Idaho
- Thomas E. Ricks Academic Grant (4 Years), Brigham Young University - Idaho
- Eagle Scout Recipient

Professional Service

- Economics Society Co-president, Brigham Young University - Idaho 2021

Undergraduate and Other Non-Refereed Publications

- Gifford, J. (2023) A Probabilistic Peak Flood Risk Model of the Henrys Fork in Fremont County. Fremont County GIS Office.
- Gifford, J. Martin, M. (2022) College of Business and Communication Diversity and Inclusion Report. Brigham Young University - Idaho (please request access).
- Sarpong D., Osei-Asare Y., Gray B., Tsekpo E. (2022) FarmGrow: Farm Development Plans for Small-holder Cocoa Farmers in Ghana Endline Report. Grameen Foundation (Contributions).
- Gifford, J., & Oliver, J. (2021). Black Lives Matter and Granger Causal Testing: A Signal of Economic Deprivation. Modern Economy, 12(11), 1666-1685 <https://doi.org/10.4236/me.2021.1211084>

Last Update: October 2025