

EMPLOYMENT

University of Wisconsin-Madison

2023 - Present

Assistant Professor, Agricultural and Applied Economics

Faculty Affiliate, Nelson Institute for Environmental Studies

Faculty Affiliate, Water@UW-Madison

EDUCATION

University of California, Davis

2018-2023

Ph.D. Agricultural and Resource Economics

Kansas State University

2014-2018

B.S. Agricultural Economics, *summa cum laude*

PEER-REVIEWED PUBLICATIONS

“The Economics of Food Supply Chain Resilience” (with Jill Hobbs) *Annual Review of Resource Economics* (2024) <https://doi.org/10.1146/annurev-resource-100423-095119>

“Market Structure and Resilience of the Food Supply Chain Under Extreme Events” (with Meilin Ma and Richard J. Sexton) *American Journal of Agricultural Economics* (2024). 106 (1) pp.21-44. <https://doi.org/10.1111/ajae.12393>

“Organic Grains and Livestock: Factors That Influence Outcomes in Thinly Traded Markets.” With Tina L. Saitone, Richard J. Sexton, Sharon Raszap Skorbiansky, and Suzanne Thornsby. United States Department of Agriculture Economic Research Service. *ERR-303*. (2023)

WORKING PAPERS

“Benefits of Avoiding Nitrates in Drinking Water”

“External Costs of Climate Change Adaptation: Groundwater Depletion and Drinking Water” (with Ellen Bruno, Nick Hagerty, and Katrina Jessoe) *R&R at Journal of Public Economics*

“The Impact of Land Use on Water Quality: Evidence from Wells in California” (with Scott Somerville and Pierre Mérel) *R&R at Journal of Environmental Economics and Management*

“Farmer-Led Conservation Programs and Nonpoint Source Pollution Abatement” (with Nicole Karwowski and Andrew Stevens)

“Risk Externalities in Food Supply Chains” (with Meilin Ma)

WORKS IN PROGRESS

“Costs and Benefits of Adaptive Groundwater Irrigation in U.S. Corn and Soybeans” (with Nilesh Shinde)

GRANTS

As a PI or Co-PI:

USDA Conservation Innovation Grant - \$247,000 (*my share: \$54,000*) 2024

AFRI Sustainable Ag Systems - \$10,000,000 (*my share: \$650,000*) 2024
with Erin Silva and others

Rural Partnership Institute - \$1,000,000 (*my share: \$100,000*) 2024
with Paul Mitchell, Jed Colquhoun, Steven Hall, and others.

As a research assistant:

Henry A. Jastro Graduate Research Scholarship Award 2022

USDA Rural and Resource Economics Division - \$25,000 2021
with Aaron Horzencik (USDA) and Katrina Jessoe

Giannini Foundation for Agricultural Economics - \$30,000 2021
with Katrina Jessoe

King Climate Action Initiative (K-CAI) 2021
with Ellen Bruno, Nick Hagerty, and Katrina Jessoe

USDA COVID-19 Research - \$50,000 2020
with Richard J. Sexton

RESEARCH CONFERENCE AND SEMINAR PRESENTATIONS

2025: University of Illinois, Big Sky Workshop on the Economics of Agriculture and the Environment, AAEA Annual Meeting

2024: University of Wisconsin Department of Soil Science, AAEA Annual Meeting, 7th Social Cost of Water Pollution Workshop, Heartland Workshop on Environmental and Resource Economics, Marquette University

2023: Giannini Ag and Resource Economics Student Research Conference, WAEA and CAES-SCAE Annual Meeting, 6th Social Cost of Water Pollution Workshop, University of Wisconsin AAE

2022: SSC-76 Economics and Management of Risk in Agriculture and Natural Resources, AERE Summer Conference, AAEA Annual Meeting (3 papers), Camp Resources XXVIII, Heartland Workshop on Environmental and Resource Economics, Montana State University, UC Davis, University of Wisconsin AAE

REFeree SERVICE

AAEA Annual Meeting Abstracts, *Agricultural Finance Review*, *American Journal of Agricultural Economics*, *Environmental Science & Technology*, *European Review of Agricultural Economics*, *Food Policy*, *Journal of the Association of Environmental and Resource Economists*, *Journal of Agricultural and Resource Economics*, *Journal of Policy Analysis and Management*, *Land Economics*, *Proceedings of the National Academy of Sciences*, *Western Economic Forum*

TEACHING EXPERIENCE

AAE 636 - Applied Econometrics I 2025-

SERVICE & AWARDS

UW Extension Committee on Publications 2025
AAEA Abstracts Topic Leader 2024-2025
Gordon King Award for Best Dissertation Award, UC Davis ARE 2024
Scott McNiven Community Service Award 2022
Ag and Resource Economics GSA President 2021-2022
Diversity and Inclusion in Research, Education, and Career Training Program 2021-2022
- Student Cafe Coordinator
- Anti-Racism Mentoring Committee
- Graduate Inclusive Education and Mentoring Training (GET) workshop.

EXTENSION AND OUTREACH ARTICLES

2025

Economics of Incorporating Wheat into the Crop Rotation
<https://cropsandsoils.extension.wisc.edu/articles/small-grains-economics/> Market Concentration does

Impact Food Supply Chain Resilience - Dallas Federal Reserve

Economic Impacts of the Tribal Elder Food Box Program

Wisconsin Agriculture and Foreign Exports -

<https://farms.extension.wisc.edu/articles/wisconsin-agriculture-and-foreign-exports/>

2024

Contribution of Agriculture to the Wisconsin Economy -

<http://digital.library.wisc.edu/1793/89693>

Prevented Plant Example Calculations for Wisconsin in 2024 -

<https://aae.wisc.edu/pdmitchell/2024/06/24/prevented-plant-example-calculations-for-wisconsin-in-2024/>

Forage Options for Prevented Plant Acres in Wisconsin in 2024-

<https://aae.wisc.edu/pdmitchell/2024/06/21/forage-options-for-prevented-plant-acres-in-wisconsin-in-2024/>

Navigating Resilience: Challenges and strategies in U.S. agricultural and food supply chains. *Purdue Agribusiness Review* -

<https://agribusiness.purdue.edu/2024/05/01/navigating-resilience-challenges-and-strategies-in-u-s-agricultural-and-food-supply-chains/>

Wisconsin Farming: Insights from the 2022 Census OF Agriculture. *Windicators*. Volume 7 Issue 1-
<https://economicdevelopment.extension.wisc.edu/articles/windicators-volume-7-issue-1-wisconsin-farming-insights-from-the-2022-census-of-agriculture/>

EXTENSION PRESENTATIONS

- 2025: Wisconsin Agribusiness Classic, Wisconsin Ag Outlook Forum, Wisconsin Potato and Vegetable Growers Association, Biological Farming Friends PLWG, Farmers on the Rock PLWG, Wisconsin On-Farm Research Conference, Dane County Kiwanis Club, Department of Land and Water Committee on Research, Wisconsin DNR CAFOs Workshop, Conservation Technology and Innovation Center Webinar, UW Arlington Field Day
- 2024: Wisconsin Water and Soil Health Conference, DATCP Board of Directors, Badger Crops and Soils Update Meetings, Northwest Wisconsin Grazers Conference, Badger Crop Connect Webinar, Soil Health Nexus Ag Finance Training, Central Wisconsin Profitability Expo, Dodge County PLWG Meeting, Wisconsin Agribusiness Classic (2x)
- 2023: Wisconsin Water and Soil Health Conference, Green Bay Climate Science Workshop, Badger Crops and Soils Update Meetings, Soil Health Collaborative