

JAMES B. KEELER

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U.S. Citizen

Agricultural & Resource Economics
University of California, Davis
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EDUCATION

Ph.D. in Agricultural & Resource Economics, University of California, Davis	2024
M.S. in Agricultural Economics, University of Nebraska-Lincoln	2018
B.A. in Economics & Mathematics, University of Nebraska-Lincoln	2016

RESEARCH FIELDS

Primary: Agricultural Economics, Industrial Organization
Secondary: Environmental & Natural Resource Economics

PEER-REVIEWED PUBLICATIONS

“Evaluating Projections of the Costs of Pesticide Regulation: Evidence from California’s Chlorpyrifos Withdrawal” (2025) *Agricultural Systems* (with Benjamin Lee, Kevi Mace, Sam Raburn, Daniel Schuurman, Yanan Zheng, and Rachael Goodhue)

“Basis Risk in the Pasture, Rangeland, and Forage Insurance Program: Evidence from California” (2022) *American Journal of Agricultural Economics* (with Tina L. Saitone)

WORKING PAPERS

Tractor Troubles: Right to Repair in Durable Goods Duopolies. (Job Market Paper). [Link](#)

Pasture, Rangeland, and Forage Index Insurance: Premium Subsidies and Contract Quality, with Stephen R. Boucher and Tina L. Saitone

Extensive and Intensive Margin Supply Response and Environmental Consequences of Rotation Subsidies in Corn and Soy, with Mark Agerton and Matthieu Stigler

Estimating the Demand for Used Tractors: Do Farmers Prefer Older Tractors?

Paying a Premium for Repairability in Agriculture: Evidence from Used Tractor Auctions

REFERENCES

Prof. Rachael Goodhue (Chair)
Dept. of Agricultural and
Resource Economics
University of California, Davis
goodhue@primal.ucdavis.edu

Asst. Prof. Mark Agerton
Dept. of Agricultural and
Resource Economics
University of California, Davis
mjagerton@ucdavis.edu

Prof. Jeffrey Williams
Dept. of Agricultural and
Resource Economics
University of California, Davis
williams@primal.ucdavis.edu

HONORS

Giannini Foundation Dissertation Fellowship	Spring 2021
Tomek Outstanding M.S. Student, Dept. of Agricultural Economics, University of Nebraska-Lincoln	2018-2019
1st Place, Student Oral Presentation Competition, Universities Council on Water Resources Conference	2017

RESEARCH EXPERIENCE

Postdoctoral Scholar

with Rachael Goodhue University of California, Davis	January 2025 - present
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Graduate Student Researcher

with Tina Saitone	Winter 2019 - Spring 2021, Spring 2022
with Steve Boucher	Winter - Summer 2020, Winter - Spring 2021
with Mark Agerton	Summer 2021 - Winter 2022
with Rachael Goodhue	Summer 2023 - Fall 2024

USDA Economic Research Service Pathways Intern

Resource and Rural Economics Division with Richard Nehring and Eldon Ball	Summer 2017
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Graduate Research Assistant

with Taro Mieno and Simanti Banerjee University of Nebraska-Lincoln	August 2016 - May 2018
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Presentations

UC Davis Symposium on Agricultural, Environmental and Social Sciences <i>Evaluating the Quality of Rainfall Index Insurance for California Pasture</i>	May 2024
Agricultural and Applied Economics Association Annual Meeting <i>On the Right to Repair Agricultural Equipment</i>	Aug 2022
UC Davis Agricultural Economics Workshop <i>Basis Risk in the Pasture, Rangeland, and Forage Insurance Program: Evidence from California</i>	Feb 2020
Universities Council on Water Resources Conference <i>How does moral hazard in crop insurance affect producers' groundwater use for irrigation?</i>	June 2017

Referee for

<i>American Journal of Agricultural Economics (AJAE)</i>
<i>Journal of the Agricultural & Applied Economics Association (JAAEA)</i>

TEACHING EXPERIENCE

Teaching Assistant

ARE 138 International Commodity & Resource Markets (Jeffrey Williams)	Fall 2022
ARE 155 Operations Research & Management Science (Mark Agerton)	Winter 2023
ARE 171 Principles of Finance (John Constantine)	Spring 2023

OTHER

Programming: R, Python, Javascript (Advanced); L^AT_EX, Stata, MATLAB, Julia, SQL, z-Tree

Other Experience: Student Web Developer for University of Nebraska-Lincoln Institute of Agricultural and Natural Resources (IANR Media)