

JAMES B. KEELER

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U.S. Citizen

Agricultural Risk Policy Center
North Dakota State University
442 Richard H. Barry Hall
Fargo, ND 58108

EMPLOYMENT

Junior Research Economist / Research Assistant Professor North Dakota State University - Agricultural Risk Policy Center	Aug 2026 - present
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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, Michael R. Carter, and Tina L. Saitone

Dynamic Crop Rotation with Field-Level Heterogeneity: Estimating Yields and Profits, 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

PREVIOUS RESEARCH EXPERIENCE

Postdoctoral Scholar

with Rachael Goodhue
 University of California, Davis

January 2025 - July 2026

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

Graduate Research Assistant

with Taro Mieno and Simanti Banerjee
 University of Nebraska-Lincoln

August 2016 - May 2018

Presentations

Agricultural and Applied Economics Association Annual Meeting <i>Dynamic Crop Rotation with Field-Level Heterogeneity: Estimating Yields and Profits</i>	July 2026
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UC Davis Symposium on Agricultural, Environmental and Social Sciences <i>Evaluating the Quality of Rainfall Index Insurance for California Pasture</i>	May 2024
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Agricultural and Applied Economics Association Annual Meeting <i>On the Right to Repair Agricultural Equipment</i>	Aug 2022
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UC Davis Agricultural Economics Workshop <i>Basis Risk in the Pasture, Rangeland, and Forage Insurance Program: Evidence from California</i>	Feb 2020
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Universities Council on Water Resources Conference June 2017
How does moral hazard in crop insurance affect producers' groundwater use for irrigation?

Referee for

American Journal of Agricultural Economics (AJAE)

Journal of the Agricultural & Applied Economics Association (JAAEA)

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, Rust, Stata, MATLAB, Julia, SQL, z-Tree

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