

CONTACT INFORMATION	1 (217) 305-2300 noejnava2@gmail.com https://noejn2.github.io/ Citizenship: United States of America and México	
POSITIONS	USDA Economic Research Service Research Agricultural Economist Market and Trade Economics Division, Agricultural and Policy Models branch	2022 - <i>present</i>
EDUCATION	Ph.D., Applied Economics University of Illinois Urbana-Champaign, IL Advisor: William Ridley Dissertation: Three Essays on Agricultural and Consumer Economics, <i>Outstanding Doctoral Dissertation Award</i> Committee: William Ridley (chair), Sandy Dall’Erba, Yilan Xu, and Rafael Garduño-Rivera	2021
	B.S., Mathematical Economics California State University, San Bernardino, San Bernardino, CA Advisor: Kazim Konyar <i>Summa Cum Laude</i>	2016
RESEARCH INTERESTS	Methods Bayesian data analysis General equilibrium models Structural econometrics	Fields Agricultural production Consumption economics Food systems
PEER REVIEWED PUBLICATIONS	<ol style="list-style-type: none"> 1. <i>Estimating the market and trade implications from climate-Induced corn and soybean yield changes for the U.S.</i> Forthcoming as Economics Research Report. with Jayson Beckman, and Maros Ivanic. 2. <i>A model of the U.S. food system: What are the determinants of the state vulnerabilities to production shocks and supply chain disruptions?</i> 2023 Agricultural Economics 54(1): 95-109. ¹ ² with William Ridley, and Sandy Dall’Erba. doi:10.1111/agec.12750 3. <i>The impact of taxing sugary-sweetened beverages in México: A censored QUAID demand system approach.</i> 2022. Journal of Agricultural and Applied Economics Association 1(1): 18-32. 	

¹Most Outstanding Second Year Research Paper at University of Illinois at Urbana-Champaign-ACE 2020.

²The Charles M. Tiebout Prize in Regional Science 2021.

with Diansheng Dong.
doi:10.1002/jaa2.6

4. *U.S. interstate trade will mitigate the negative impact of climate change on crop profit.* 2021. **American Journal of Agricultural Economics** 103(5): 1720-1741.
with Sandy Dall’Erba, and Zhangliang Chen.
doi:10.1111/ajae.12204
5. *The impacts of agroforestry on agricultural productivity, ecosystem services, and human well-being in low- and middle-income countries: An evidence and gap map.* 2020. **Campbell Systematic Reviews** 16(1): e1066.
with Daniel C. Miller, Pablo J. Ordoñez, Sarah E. Brown, Samantha Forrest, Karl Hughes, and Kathy Baylis.
doi:10.1002/cl2.1066
6. *The conduits and barriers to reentry for formerly incarcerated individuals in San Bernardino.* 2018. **Journal of Prison Education and Reentry** 5(1): 2-17.
with Annika Anderson, and Patricia Cortez.
doi:10.25771/sdf0-1631

WORKING PAPERS

1. *Revisiting the impact of climate change on agriculture through spatially-varying and place-tailored Ricardian estimates.*
with Sandy Dall’Erba, Chang Cai, and A. Stewart Fotheringham.
CREATE discussion paper
2. *Heterogenous patterns of crop yield growth stagnation across U.S. counties in the next decade* (R&R)
Solo paper.
3. *Quantifying the food insecurity needs from price escalations among Mexican households.* (Selected for the special issue of the *Journal of Agriculture and Food Industrial Organization* on the causes and consequences of retail food price inflation)
with Rafael Garduño-Rivera, and Benjamin D.K. Wood.
4. *Incorporating the Land Allocation System into the GTAP framework* (R&R)
with Kristiina Ala-Kokko, Jayson Beckman, and Maros Ivanic.
5. *Estimation of the value-added/intermediate input substitution elasticities consistent with the GTAP data* (R&R)
with Jayson Beckman, and Maros Ivanic.

PAPERS IN PREPARATION

1. *Tracing U.S. county-to-county domestic trade flows in grains.*
with William Ridley, Sandy Dall’Erba, Jian Zou, Youning Chen, and Christa Court.

2. *Is it just non-farm influences? The impact of international demand for cereals on U.S. farmland appreciation*
with William Ridley.
3. *Designing policies to achieve healthy and sustainable diets*
with Grace Melo-Guerrero.

FELLOWSHIPS, GRANTS AND SCHOLARSHIPS	• A global agricultural supply-demand-climate-trade model calibrated to Baseline (\$375,000)	2022
	• Towards a data hub of global daily weather forecasts for the ERS (PI) (\$30,000)	2022
	• ERS' international supply forecasting (\$30,000)	2022
	• International food consumption patterns-implications for global food security and trade (\$25,000)	2022
	• The Charles M. Tiebout Prize in Regional Science (\$1,000)	2021
	• Cleo Fitzsimmons Award (\$500)	2020
	• Agricultural and Consumer Economics Department Grant (\$400)	2019
	• Marshall Scott Fellowship (\$4,877.85)	2018
	• Brockson Fellowship (\$3,902.28)	2017
	• The Proactive Recruitment in Introductory Science and Mathematics Travel Grant (\$1,000)	2016
	• The Proactive Recruitment in Introductory Science and Mathematics Research Grant (\$2,000)	2015
	• The John & June Kennedy Economics Scholarship (\$1,500)	2015
AWARDS AND HONORS	• Outstanding Doctoral Dissertation Award, University of Illinois at Urbana-Champaign-ACE	2021
	• The Charles M. Tiebout Prize in Regional Science	2021
	• Farm foundation Agricultural Scholar	2021
	• Most Outstanding Second Year Research Paper, University of Illinois at Urbana-Champaign-ACE	2020
TEACHING AND MENTORSHIP EXPERIENCE	Mentor at ERS Summer internship Kristiina Ala-Kokko (Kansas State University)	2022
	Teaching Assistant ACE 240: Personal Financial Planning	FA19
	Instructor: Paul B Stoddard, Senior Lecturer	
	Teaching Evaluation Scores: 5/5 <i>Lecture:</i> 160 students	
	University of Illinois at Urbana-Champaign, IL	
	Undergraduate Credit: 4 Hours.	
	ACE 231: Food and Agribusiness Management	SP18
	Instructor: Paul B Stoddard, Senior Lecturer	
	Teaching Evaluation Scores: 5/5 <i>Lecture:</i> 160 students	

University of Illinois at Urbana-Champaign, IL
Undergraduate Credit: 4 Hours.

ACE 341AMM: Issues in Agribusiness Markets and Management FA17

Instructor: Paul B Stoddard, Senior Lecturer

Teaching Evaluation Scores: 5/5

Lecture: 20 students

University of Illinois at Urbana-Champaign, IL

Undergraduate Credit: 3 Hours.

RESEARCH IN THE NEWS

1. *"Climate change is real;" Researchers warn extreme weather events could impact Illinois agriculture* in WCIA.com
2. *Trade Insurance* in Jayson Lusk, Food and Agricultural Economist, personal blog.

RESEARCH ASSISTANTSHIPS

Interstate Trade as Mitigating Factor for the Effects of Climate Change on Illinois Agriculture

January 2020 - December 2021

How do the interstate trade flows of Illinois farm products respond to extreme weather events?

University of Illinois at Urbana-Champaign, IL

Supervisor: Prof. William Clifton Ridley

WORK EXPERIENCE

Intern

Department of Agriculture, U.S., Economic Research Service

Summer 2021

Market & Trade Economics Division
Agricultural Policy and Models Branch
Kansas City, MO

Intern

Department of Agriculture, U.S., National Agricultural Statistics Service

2016 - 2017

Environmental, Economics and Demographics
Washington, DC

Intern

Department of Agriculture, U.S., Rural Development
Rural Housing Service
Washington, DC

2015 - 2016

SELECTED PRESENTATIONS

Heterogeneous Patterns of Crop Yield Growth Stagnation across U.S. Stagnation across U.S. Counties in the Next Decade

Agricultural & Applied Economics Association (AAEA)

2023

Track Session: Studying Climate Change Impacts from Different Methodological Perspectives

The probabilistic role of climate change on crop yield potential

FCSM Research & Policy Conference (FCSM)

2022

The impact of taxing sugar-sweetened beverages in México: A censored QUAID demand system

Agricultural & Applied Economics Association (AAEA)

2022

Track Session: Identification in Demand Estimations

A model of U.S. domestic crop trade to study state's food vulnerability to supply chain disruptions³

Agricultural & Applied Economics Association (AAEA)

2021

Western Regional Science Association (WRSA)

2021

North American Regional Science Council (NARSC)

2020

Revisiting the impact of climate change on agriculture through spatially-varying and place-tailored Ricardian estimates

North American Regional Science Council (NARSC)

2021

Workshop RED in Mexico: Challenges of a New Era

2018

REFERENCES

William Clifton Ridley, Ph.D.

Professor, Department of Agricultural and Consumer Economics
 University of Illinois Urbana-Champaign, IL
 wridley@illinois.edu

Sandy Dall'Erba, Ph.D.

Professor, Department of Agricultural and Consumer Economics
 University of Illinois Urbana-Champaign, IL
 dallerba@illinois.edu

Rafael Garduño-Rivera, Ph.D.

Professor, School of Economic and Administrative Sciences
 Universidad Panamericana, México
 rgardunor@up.edu.mx

PROGRAMMING

Julia, L^AT_EX, Markdown, Python, R, Stan, Stata, & SQL.

LANGUAGES

English & Spanish.

SERVICE AND
PROFESSIONAL
ACTIVITIES**Journal Refereeing**

American Journal of Agricultural Economics; Economic Modelling; Environmental
 Research Letters; Nature Food; Organisation for Economic Co-Operation
 and Development (OECD); U.S. Global Change Research Program (USGCRP);
 World Development.

³Previously titled *Who benefits from local agriculture?*