

CONTACT INFORMATION	1 (816) 412-7407 noe.nava@usda.gov https://noejn2.github.io/ Citizenship: United States of America and México	805 Pennsylvania Av. Kansas City, MO 64105
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 at 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 B.S., Mathematical Economics California State University, San Bernardino, San Bernardino, CA Advisor: Kazim Konyar <i>Summa Cum Laude</i>	December 2021 May 2015
RESEARCH INTERESTS	Methods Bayesian econometrics General equilibrium models Structural econometrics	Fields Agricultural production Consumption economics Food systems
REFEREED JOURNAL PUBLICATIONS	<ol style="list-style-type: none"> 1. <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. with Diansheng Dong. doi:10.1002/jaa2.6 2. <i>U.S. interstate trade will mitigate the negative impact of climate change on crop profit.</i> 2021. American Journal of Agricultural Economics 103(5): 1720-1741. with Sandy Dall’Erba and Zhangliang Chen. doi:10.1111/ajae.12204 3. <i>The impacts of agroforestry on agricultural productivity, ecosystem services, and human well-being in low- and middle-income countries: An evidence and gap map.</i> 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 	

4. *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. *A model of the U.S. food system: What are the determinants of the state vulnerabilities to production shocks and supply chain disruptions?* (Revised and Resubmitted in the **Agricultural Economics**) ^{1 2 3}
with William Ridley and Sandy Dall'Erba.
CREATE discussion paper
2. *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

PAPERS IN PREPARATION

1. *A Bayesian model to study the role of weather on crop yield potential*.
2. *Quantifying the food insecurity needs from price escalations among Mexican households*.
Rafael Garduño-Rivera and Benjamin D.K. Wood.
3. *Tracing U.S. county-to-county domestic trade flows in grains*.
with William Ridley and Sandy Dall'Erba.

TEACHING EXPERIENCE

Teaching Assistant

ACE 240: Personal Financial Planning FA19

Instructor: Paul B Stoddard, Senior Lecturer

Teaching Evaluation Scores: 5/5

Lecture: 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

Lecture: 160 students

University of Illinois at Urbana-Champaign, IL

Undergraduate Credit: 4 Hours.

ACE 341AMM: Issues in Agribusiness Markets and Management FA17

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

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

³Previously titled *Who benefits from local agriculture?*

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

2015 - 2016

Washington, DC

FELLOWSHIPS
AND GRANTS

The * indicates direct responsibility

- Towards a data hub of global daily weather forecasts for the ERS (\$ 30,000) Croop agreement 2022*
- ERS' international supply forecasting (\$30,000) Croop agreement 2022
- International food consumption patterns-implications for global food security and trade (\$25,000) Croop agreement 2022
- The Charles M. Tiebout Prize in Regional Science (\$1,000) 2021*
- Cleo Fitzsimmons Award (\$500) 2020*

	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Outstanding Doctoral Dissertation Award, University of Illinois at Urbana-Champaign-ACE 2020 • 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
SELECTED PRESENTATIONS	<p>A model of U.S. domestic crop trade to study state's food vulnerability to supply chain disruptions ⁴</p> <ul style="list-style-type: none"> Agricultural & Applied Economics Association (AAEA) 2021 Western Regional Science Association (WRSA) 2021 North American Regional Science Council (NARSC) 2020 <p>Revisiting the impact of climate change on agriculture through spatially-varying and place-tailored Ricardian estimates</p> <ul style="list-style-type: none"> North American Regional Science Council (NARSC) 2021 Workshop RED in Mexico: Challenges of a New Era 2018
REFERENCES	<p>William Clifton Ridley, Ph.D. Professor, Department of Agricultural and Consumer Economics University of Illinois at Urbana-Champaign, IL wridley@illinois.edu</p> <p>Sandy Dall'Erba, Ph.D. Professor, Department of Agricultural and Consumer Economics University of Illinois at Urbana-Champaign, IL dallerba@illinois.edu</p> <p>Diansheng Dong, Ph.D. Senior Economist US Department of Agriculture, Economic Research Service diansheng.dong@usda.gov</p>
PROGRAMMING	Julia, L ^A T _E X, Markdown, Python, R, Stan, Stata, & SQL.
LANGUAGES	English & Spanish

⁴Previously titled *Who benefits from local agriculture?*

SERVICE AND
PROFESSIONAL
ACTIVITIES

Journal Refereeing

American Journal of Agricultural Economics