

Anna Josephson

Associate Professor
Department of Agricultural and Applied Economics
University of Arizona
Tucson, Arizona, USA

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Academic Appointments

University of Arizona
2024- Associate Professor
2018-2024 Assistant Professor
University of Stellenbosch
2026-2027 Visiting Professor

Affiliations

[Catalyst with Berkeley Initiative for Transparency in the Social Sciences](#)

Education

Ph.D. Agricultural Economics, Purdue University, December 2017
Dissertation Title: Household Decision Making Under Stress: Three Essays on Agricultural Production in Southern Africa

M.S. Agricultural Economics, Purdue University, December 2013
Thesis Title: How Does Population Density affect Agricultural Intensification and Productivity?: Evidence from Ethiopia

B.S. Economics and Geology, Rensselaer Polytechnic Institute, May 2011

Publications and Presentations (*authors listed alphabetically or reverse alphabetically)

Citations: 2024 h-Index: 18 i10-Index: 25

Books

- o Josephson, A., J.D. Michler. (2023). [Research Ethics in Applied Economics: A Practical Guide](#). Routledge.

Journal Articles

- [28] Wetherell, S.J.G., A. Josephson. (2026). [The Cost of Climate Action: Experimental Evidence on the Impact of Climate Information on Charitable Donations to Climate Activism](#). *Agricultural and Resource Economics Review*. [age.2026.10033](#).

- [27] Michler, J.D., D.A. Al Rafi, J. Giezendanner, A. Josephson, V.O. Pede, E. Tellman. (2026). [Impact evaluations in data poor settings: The case of stress-tolerant rice varieties in Bangladesh](#). *Journal of Development Economics* 179: 103648.
- [26] Josephson, A., J.D. Michler, T. Kilic, S. Murray. (2026). [The Mismeasure of Weather: Using Earth Observation in Applied Economic Contexts](#). *The Journal of Development Economics* 178: 103553. [Also published as World Bank Working Paper [WPS11015](#)].
- [25] Furbush, A., A. Josephson, T. Kilic, J. Michler. (2025). [Hoping or Coping? Livelihood Diversification and Household Welfare in the COVID-19 Pandemic](#). *Food Policy*. DOI: 10.1016/j.foodpol.2025.102819.
- [24] Athnos, A., A. Josephson, J. Michler, L. Rudin-Rush. (2024). [Building Authentic Undergraduate Research Experiences for Underrepresented Students](#). *Applied Economics Teaching Resources* 7 (2): DOI: 10.71162 AETR 369516.
- [23] Wang, Z., A. Josephson, F. Dizon. (2024). [Intra-Household Inequality in Food Expenditures and Diet Quality in the Philippines](#). *Food Security*: DOI: 10.1007/s12571-024-01485-6. [Also published as World Bank Working Paper [10170](#)].
- [22] Josephson, A. (2024). [The Management of Joint Household Resources: Evidence from Malawi](#). *Review of Economics of the Household*. DOI: 10.1007/s11150-024-09698-6.
- [21] Clay, L., N. Koyratty, S. Rogus, U. Colon-Ramos, A. Hossan, A. Josephson, R. Neff, R. Zack, M. Niles. (2023) [A Mixed-Methods Approach to the Development of a Disaster Food Security Framework](#). *Journal of the Academy of Nutrition and Dietetics* 123 (10): S46-S58.
- [20] Michler, J., A. Josephson, T. Kilic, S. Murray. (2022). [Privacy Protection, Measurement Error, and the Linking of Remote Sensing and Socioeconomic Survey Data](#). *Journal of Development Economics* 158: 102927.
- [19] *Rudin-Rush, L., J. Michler, A. Josephson, J. Bloem. (2022). [Food Insecurity During the First Year of the COVID-19 Pandemic in Four African Countries](#). *Food Policy* 11: 102306. [Also published as [ERS COVID-19 Working Paper AP-102](#).]
- [18] Githu, D., J. Fehmi, A. Josephson. (2022). [Pastoralist herd size maintenance during drought with the use of reseeded fields near Lake Baringo, Kenya](#). *Pastoralism* 12 (21).
- [17] Hilsenroth, J., A. Josephson, K.A. Grogan, L. Walters, Z.T. Plakias, L.H. Palm-Forster, S. Banerjee, T. Wade. (2022). [Past, Present, and Future: Status of Women and Minority Faculty in Agricultural and Applied Economics](#). *Applied Economics Perspectives and Policy* 44 (1): 71-91.
- [16] Niles, M., et al. (2021). [A Multi-Site Analysis of the Prevalence of Food Security in the United States, before and during the COVID-19 Pandemic](#). (2021). *Current Developments in Nutrition* 5 (12).
- [15] *Josephson, A., T. Kilic, J. Michler. (2021). [Socioeconomic impacts of COVID-19 in low income countries](#). *Nature Human Behavior* 5: 557-565. [Also published as World Bank Working Paper [WPS9466](#)].
- [14] Josephson, A., G. Shively. (2021). [Unanticipated Events, Perceptions, and Household Labor Allocation in Zimbabwe](#). *World Development* 141: 105377.
- [13] *Dizon, F., A. Josephson, D. Raju. (2021). [Pathways to Better Nutrition in South Asia: Evidence on the Effects of Food and Agricultural Interventions](#). *Global Food Security* 28: 100467. [Also published as World Bank Working Paper [8766](#)].
- [12] Michler, J., W. Masters, A. Josephson. (2021). [Moving Beyond the IRB: Towards A Typology of Ethics in Agricultural and Applied Economics](#). *Applied Economics Policy and Perspectives* 43 (4): 1352-1365.

- [11] Josephson, A., M. Smale. (2021). [What do you mean by ‘informed consent’? Household survey ethics in development research.](#) *Applied Economics Perspectives and Policy* 43 (4): 1305-1329.
- [10] Josephson, A., J. Ricker-Gilbert. (2020). [Preferences and Crop Choice During Zimbabwe’s Macroeconomic Crisis..](#) *African Journal of Agricultural and Applied Economics* 15 (3): 260-287.
- [9] Josephson A., L. DeBoer, D. Nelson, A. Zissimopoulos. (2020). [Facilitating Higher-Order Learning: Examining Student Outcomes after a Course Redesign.](#) *Applied Economics Teaching Resources* 2 (1).
- [8] Zuo, N., A. Josephson, D. Scheitrum. (2019). [Engaging Students in Global Agriculture: Three Classroom Interventions.](#) *North American Colleges and Teachers of Agriculture Journal* 63 (1a).
- [7] Slade, P., J. Michler, A. Josephson. (2019). [Foreign Geographical Indications, Consumer Preferences, and the Domestic Market for Cheese.](#) *Applied Economics Perspectives and Policy* 41 (3): 370-390.
- [6] Josephson A., L. DeBoer, D. Nelson, A. Zissimopoulos. (2019). [Learning to Do: Facilitating Practice in a Large Introductory Macroeconomics Class](#) *Journal of Economic Education.* 50 (2): 142-156.
- [5] Josephson, A., J. Michler. (2018). [Beasts in the Field? Ethics in Agricultural and Applied Economics.](#) *Food Policy* 79 (August 2018): 1-11.
- [4] Josephson, A., H. Schrank, M.I. Marshall. (2017) [Assessing preparedness of small businesses for hurricane disasters: Analysis of pre-disaster owner, business and location characteristics.](#) *International Journal of Disaster Risk Reduction* 23 (August 2017): 25-35.
- [3] Michler, J.D., A. Josephson. (2017). [To Specialize or Diversify: Agricultural Diversity and Poverty Dynamics in Ethiopia.](#) *World Development* 89: 214-226.
- [2] Josephson, A., M.I. Marshall. (2016). [The Demand for Post-Katrina Disaster Aid: SBA Disaster Loans and Small Businesses in Mississippi.](#) *Journal of Contingencies and Crisis Management:* 24 (4): 264-274.
- [1] Josephson, A.L., J. Ricker-Gilbert, R.J.G.M. Florax. (2014). [How does population density influence agricultural intensification and productivity?: Evidence from Ethiopia.](#) *Food Policy* 48 (2014): 142-152.

Book Chapters

- Benami, E., M. Cecil, A. Josephson, G. Maskell, J. Michler. (Forthcoming 2026). The uses (and misuses) of weather and Earth Observation-derived data on weather and vegetation. In Ben Yisay, A. and Singh, K. (Eds.): *Geospatial Impact Evaluation in Practice*.
- Michler, J.D., A. Josephson, E. Benami, P. Behrer, M.J. Cecil, S. Gourlay, R. Heilmayr, E. Kirchner, G. Maskell, K. Singh. (Forthcoming 2026). Defining Treatment Geometry for Geospatial Impact Evaluation. In Ben Yisay, A. and Singh, K. (Eds.): *Geospatial Impact Evaluation in Practice*.
- Michler, J.D., A. Josephson. (2022). Recent Developments in Inference: Practicalities for the Applied Economist. In Hobbs, J., and Roosen, J. (Eds.); *A Modern Guide to Food Economics*. Edward Elgar Publishing. 235-268.
- Furbush, A., A. Josephson, T. Kilic, J.D. Michler. (2021). [The evolving socioeconomic impacts of Covid-19 in four African countries.](#) Eds.: R. Arezki, S. Djankov, U. Panizza. *Shaping Africa’s Post-COVID Recovery*. VoxEU & CEPR. [Also published as World Bank Working Paper 9556].

Software

- wxsum: A Stata module for processing temperature and precipitation data for use in economic analysis. Available from Boston College Department of Economics, Statistical Software Components (SSC). 2026. To install: `ssc install wxsum`. Also available on [GitHub](#).

Policy & Working Papers and Conference Proceedings

- Michler, J.D., A. Josephson, T. Kilic, S. Murray. (2021). [Estimating the Impact of Weather on Agriculture. Policy Research Working Paper](#). World Bank Working Paper No. 9867. World Bank, Washington, DC.
- Niles, M.N., E.H. Belarmino, F. Bertmann, E. Biehl, F. Acciai, A. Josephson, P. Ohri-Vachaspati, R. Neff. (2020). [Food security during COVID-19: A multi-state research collaborative](#). medRxiv.
- *Belarmino, E.H., E. Biehl, A. Brunet Marks, L. Clay, U. Colón-Ramos, C. Dunn, A. Hossan, A. Josephson, R. Neff, M. Niles, R. Slotter. (2020). [Research Agenda-Setting Paper on COVID-19 and Food Insecurity](#). CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research.
- Josephson, A., E. Kee-Tui, J. Michler, S. Perez. (2019). [Dissemination and Adoption of Bundled Agro-nomic Practices](#). University of Arizona Cardon Research Papers in Agricultural and Applied Economics, No. 202002.
- Heady, D., M. Dereje, J. Ricker-Gilbert, A.L. Josephson, A. Seyoum Taffesse. (2013). [Land Constraints and Agricultural Intensification in Ethiopia: Village-Level Analysis of High-Potential Areas](#). ESSP Working Paper 58, International Food Policy Research Institute.
- Josephson, A.L., M.I. Marshall. (2014). [The Effectiveness of Post-Katrina Disaster Aid: The Influence of SBA Loans on Small Businesses in Mississippi](#). In Randy R. Rapp & William Harland (Eds.); *The Proceedings of the 10th International Conference of the International Institute for Infrastructure Resilience and Reconstruction (I3R2)* 20-22 May 2014. (141-145). West Lafayette, Indiana: Purdue University.

Book Reviews, Blogs, Briefs, and Extension Publications

- Wetherell, S., A. Josephson, F. Acciai, S. Martinelli, A.J. Yellow Horse, P. Ohri-Vachaspati. (2022). [One year later: The economic consequences of COVID-19 in Arizona](#). College of Health Solutions, Arizona State University
- Acciai, F., A.C. McCarthy, K. Harper, A. Josephson, E.H. Belarmino, M.T. Niles, F. Bertmann, E. Biehl, R. DeWasse, S. Martinelli, R. Neff, P. Ohri-Vachaspati. (2021). [Food insecurity and food program assistance participation in the U.S.: One year into the COVID-19 pandemic](#). College of Health Solutions, Arizona State University.
- Acciai, F., A. Josephson, S. Martinelli, A.J. Yellow Horse, T. Evans, P. Ohri-Vachaspati. (2021). [COVID-19 Pandemic One Year Later: Food Insecurity and Food Assistance in Arizona](#). College of Health Solutions, Arizona State University.
- Michler, J.D., T. Kilic, A. Josephson. (2021). [Dialing for data: The story behind documenting the early socioeconomic impacts of the pandemic in Africa](#). Nature Portfolio: Behind the Paper.
- Niles, M, et al. (2021). [Food Insecurity Prevalence Across Diverse Sites During COVID-19: A Year of Comprehensive Data](#). College of Agriculture and Life Sciences Faculty Publications. No. 178.
- Driesen, F., F. Acciai, A. Josephson, A.J. Yellow Horse, S. Martinelli, P. Ohri-Vachaspati. (2020). [Job Disruptions During the First Four Months of the COVID-19 Pandemic and Their Impacts on Food Security in Arizona](#). College of Health Solutions, Arizona State University.
- Harper, K., F. Acciai, A. Josephson, F. Bertmann, P. Ohri-Vachaspati, E.H. Belarmino, M. Niles, J. Robinson, R. Neff. (2020). [Experiences of households with new and persistent food insecurity during the first four months of the COVID-19 pandemic](#). Johns Hopkins University COVID-19 Publications.

- Acciai, F., E.H. Belarmino, A. Josephson, M.T. Niles. (2020). [Changes in Employment Status and Food Security During the COVID-19 Pandemic](#). Arizona State University Food Policy and Environment Research Group, Arizona State University.
- Acciai, F., A.J. Yellow Horse, S. Martinelli, A. Josephson, T. Evans, P. Ohri-Vachaspati. (2020). [Impacts of COVID-19 on Food Security in Arizona](#). College of Health Solutions, Arizona State University.
- Martinelli, S., F. Acciai, A.J. Yellow Horse, A. Josephson, P. Ohri-Vachaspati. (2020). [Food Assistance Program Participation among Arizona Households during the COVID-19 Pandemic](#). College of Health Solutions, Arizona State University.
- Niles, M., A. Josephson, F. Bertmann, B.H. Belarmino, R. Neff. (2020). [COVID-19 and Food Insecurity Impacts: A Follow Up Vermont Study](#). College of Agriculture and Life Sciences Faculty Publications. No. 26.
- Schrank, H. and A. Josephson. (2020). [Navigating a Crisis You Didn't Ask For](#). Purdue Institute for Family Business: COVID-19 Special Issue.
- Josephson, A. (2019). [Normalizing "Failure" in the Research Process: Review of *Failing in the Field: What We Can Learn When Field Research Goes Wrong* by Dean Karlan and Jacob Appel](#). *Australian Journal of Agricultural and Applied Economics* 63 (3).
- Josephson, A. (2019). [Women, Children and Households – Oh My! | Four Lessons from CSAE 2019](#). *Economics that Really Matters*, April 2019.
- Schrank, H., A. Josephson, M. Marshall. (2018). [Sustainability: Some Tips on Protecting your Business from a Natural Disaster](#). *Purdue Initiative for Family Farms*, Fall 2018 Newsletter.
- Dizon, F., A. Josephson. (2018). [Five takeaways for better nutrition in South Asia—and beyond](#). *End Poverty in South Asia*, The World Bank, October 2018.
- Josephson, A., M.I. Marshall. (2017). The Family Business: Differentiation in Fairness by Leadership Type *Purdue Agricultural Economics Report*. Purdue University, February 2017.
- Josephson, A., M.I. Marshall. (2016). Small Business Administration Disaster Loans after Hurricane Katrina: Differences in Loan Applicants and Non-Applicants *Purdue Agricultural Economics Report*. Purdue University, March 2016.
- Josephson, A., M. I. Marshall. (2014). Goals of Small Rural Midwestern Businesses *Purdue Agricultural Economics Report*. Purdue University, April 2014.

In Review

- Josephson, A., R. Guerra Su, G. Collins, K. Jacobs. [The Economics of Climate Adaptation: An Assessment](#).
- Li, W., K. Kafle, A. Josephson. [Gender and Agricultural Commercialization in Sub-Saharan Africa: Evidence from Three Panel Surveys](#).
- Josephson, A., J. Ricker-Gilbert. Riding the wave or drowning in the sea? A review of generative artificial intelligence in applied economics research and directions for the future.
- Michler, J.D., A. Josephson, O. Barriga Cabanillas, A. Michuda, J.C. Oliver. wxsum: A command for processing temperature and precipitation data.
- Josephson, A. TRACE: A lifecycle framework for AI disclosure in science.
- Koyratty, N., A. Josephson, C. Byker-Shanks, M. Niles, S. Bliss, L. Clay. Measuring Food Security in Disaster Contexts: Development and Psychometric Validation of the Disaster Food Security Scale.

In Preparation

- Kee-Tui, E., J. Michler, A. Josephson. Testing for Market Completeness Over Time in the Central Luzon provinces in the Philippines (1971-2016).
- Michler, J.D., C.D. Agme, A. Josephson, T. Kilic. Cloudy With A Chance of Significance: Specification Search and the Illusion of Exogeneity in Remotely Sensed Weather Data.
- Douglas, K., J.D. Michler, A. Josephson. Mining Meaning: Measurement error in literature reviews using Generative AI.
- Guerra Su, R., A. Josephson. Exploring Crop Productivity Dynamics Across Sub-Saharan Africa: A Six Country Study.
- Branham, R., J. Michler, A. Josephson. Risk and rainfall: How farmers' risk preferences are influenced by experiences with crop shocks.
- Paolantonio, A., E. Clemente., A. Josephson. Weather or not: The potential for in-situ weather sensors to improve measurement of climate variability and its impacts at the local level.
- Taylor, J., A. Josephson. The total economic value of federal public lands in Arizona.
- Lanser, J., A. Josephson. Coping with extreme heat: Cooling strategies and assess constraints in Puerto Rico.
- Salamanca Patiño, M.C., A. Josephson. Women and wallets: Financial and social change in rural Bangladesh.

Conference Presentations and Invited Talks (including scheduled, & canceled due to COVID-19)

2026: American Economic Association (Philadelphia, PA); Southern Denmark University (Odense, Denmark); University of Copenhagen (Copenhagen, Denmark); Pacific Development Conference (Davis, CA); Berkeley Initiative for Transparency in Social Sciences Annual Meeting (Berkeley, CA); International Conference for Agricultural Statistics (Krakow, Poland)

2025: Center for the Study of African Economies Annual Meeting (Oxford, England); Texas A&M University (online); Pacific Development Conference (Los Angeles, California); Midwest Development Conference (Urbana Champaign, Illinois); Association of Environmental and Resource Economists Summer Meeting (Santa Ana Pueblo, NM); Agricultural and Applied Economic Association Annual Meeting (Denver, CO); UA-ASU Environmental and Energy Economics Workshop (Tucson, AZ); World Bank Data Development Group (online); Better Data for Better Jobs and Lives: Innovations in Survey Measurement in the Age of AI (Washington DC)

2024: Agriculture Policy Research Group Meeting (New Orleans, LA); University of Wyoming (Laramie, WY); Agricultural and Applied Economic Association Annual Meeting (New Orleans, LA); International Conference of Agricultural Economists Meeting (New Delhi, India); Canadian Agricultural Economics Society Annual Meeting (Winnipeg, Canada); The Pulse of Progress: Harnessing High-Frequency Survey Data for Development Research in the Polycrisis Era (Washington DC); Pathways to Impact: Transdisciplinary Research: Impact That Transcends Academia (Tucson, AZ)

2023: Ethics in Development Working Group (online); Agricultural and Applied Economic Association Annual Meeting (Washington DC); Western Economic Association International Conference (Melbourne, Australia); University of Sydney (Sydney, Australia); Midwest Development Conference (Houston, TX); Berkeley Initiative for Transparency in the Social Sciences (online); African Association of Agricultural Economists Triennial Meeting (Durban, South Africa)

2022: Pacific Conference for Development Economics (online); University of Sussex (online); Swiss Society for Agricultural Economics and Agricultural Sociology Annual Conference (Frick, Switzerland); Agricultural and Applied Economic Association Annual Meeting (Anaheim, CA); International Fund for Agricultural Development 2022 International Conference (Rome, Italy); Nordic Development Conference (Helsinki, Finland)

2021: Arizona Institutes for Resilience/Center for Climate Adaptation Science and Solutions & School of Geography, Development, and Environment (online); Data Development Group Online Learning Series (online); Frances McClelland Institute for Children, Youth, and Families (online); Agricultural and Applied Economic Association Annual Meeting (Austin, TX); European Association of Agricultural Economics Annual Meeting (online); International Conference of Agricultural Economists Meeting (online); Pathways to Research and Doctoral Careers (online); American Public Health Association (online); Virginia Tech (online); Arizona Institutes for Resilience (Tucson, AZ); European Association of Agricultural Economists and Agricultural and Applied Economics Association Webinar Series (online); Research on Methods and Metrics for Northwestern Global Poverty and Research Lab & Innovations for Poverty Action (online); Land and Health Association - World Soil Day (online)

2020: Feed the Future: Afrilinks (online); African Development Bank (online); Data Development Group Online Learning Series (online); Purdue University (online); University and Industry Consortium (online); Online Agricultural and Applied Economics Seminar (online); NIFA Agricultural Policy Research Group Meeting (online); Agricultural and Applied Economic Association Annual Meeting (online); &University of Sussex (Brighton, UK); Data Development Group, World Bank (Washington DC); Africa Table Speaker Series, University of Arizona (Tucson, AZ)

2019: Allied Social Science Annual Meeting (Atlanta, GA); Arizona State University (Phoenix, AZ); Center for the Study of African Economies Annual Meeting (Oxford, England); Women in Data Science - Tucson (Tucson, AZ); IIRI Workshop on Improving Impact Assessment, Monitoring, and Evaluation (Rome, Italy); World Bank-SAFANSI Roundtable: High Impact and Underrepresented Nutrition Sensitive Food Systems in South Asia (Bangkok, Thailand); Agricultural and Applied Economic Association Annual Meeting (Atlanta, GA)

2018: International Conference of Agricultural Economists Meeting (Vancouver, Canada); Agricultural and Applied Economic Association Annual Meeting (Washington DC); University of Saskatchewan (Saskatoon, Canada); International Rice Congress (Singapore); World Bank-SAFANSI Roundtable: Putting the Lens on the Consumer in Nutrition-Sensitive Agriculture and Food Systems in South Asia (Colombo, Sri Lanka)

2017: American Economic Association Meeting (Chicago, IL); Center for the Study of African Economies Annual Meeting (Oxford, England); University of Arizona (Tucson, AZ); Mississippi State University (Starkville, MS); University of Florida (Gainesville, FL); Agricultural and Applied Economic Association Annual Meeting (Chicago, IL); University of Saskatchewan (Saskatoon, Canada)

2016: African Association of Agricultural Economists Meeting (Addis Ababa, Ethiopia); Agricultural and Applied Economic Association Annual Meeting (Boston, MA)

2015: International Conference of Agricultural Economists Meeting (Milan, Italy)

2014: Agricultural and Applied Economic Association Annual Meeting (Minneapolis, MN); Annual Conference of the International Institute for Infrastructure Renewal and Reconstruction (Lafayette, IN)

2013: Agricultural and Applied Economic Association Annual Meeting (Washington DC); International Food Policy Research Institute Emerging Land Constraints Meeting (Washington DC)

2012: North American Regional Science Council Regional Meeting (Ottawa, Canada); Agricultural and Applied Economic Association Annual Meeting (Seattle, WA); Spatial, Health, and Population Economics Annual Summit (West Lafayette, IN)

Grants, Fellowships, and Awards

External Grants

Centre national de la recherche scientifique “Interdisciplinary Research Network on Environmental Risks and Health in Sensitive Landscapes”	€33,000	Collaborator	2026-2030
World Bank “The potential for in-situ weather sensors to improve measurement”	\$25,000	PI	2025
Standing Panel on Impact Assessment “The Dynamics of CGIAR Agricultural Innovations in Uganda”	\$1,250,000	Collaborator	2024-2027
Natural Hazards Center “A Disaster Food Security Scale for Rural Communities: Validating among the Elderly”	\$10,000	Co-I	2023-2024
USAID Climate Adaptation Support Activity “Economics of Climate Adaptation”	\$41,446	PI	2023
Natural Hazards Center “A Disaster Food Security Scale for Rural Communities”	\$47,190	Co-I	2022-2023
NIFA’s Hispanic-Serving Institutions Education Grant “Equitable Agriculture and Environmental Management”	\$1,000,000	Co-PI	2022-2026
USAID Bureau of Humanitarian Assistance “Enhancing Evidence for Humanitarian Action”	\$1,000,000	Co-I	2022-2025
World Bank Research Support Budget “Understanding households’ resilience to and recovery from COVID-19 in Sub-Saharan Africa”	\$95,000	Co-PI	2021-2022
USDA & Tufts: 25 Years of Food Security Measurement “Developing a Disaster Food Security Scale”	\$100,000	Co-I	2021-2022
Berkeley Initiative for Transparency in the Social Sciences Catalyst Grant “Transparency, Replicability, and Reproducibility in Agricultural and Applied Economics”	\$1,680	Co-PI	2020
NSF Extreme Events Research & CONVERGE Natural Hazards Center “Working Group on COVID-19 and Food Security”	\$1,000	Member	2020
Standing Panel on Impact Assessment “Impact assessment of stress-tolerant rice varieties: Evaluating impact through remote sensing and economic methods”	\$299,999	Co-I	2019-2023
AAEA Trust Grant “An Assessment of the Status of Women and Minorities in Agricultural and Applied Economics”	\$25,678	PI	2019-2020
President’s SSHRC Research Fund, with University of Saskatchewan “Assessing Canadians’ Willingness to Pay for local products or products with Geographic Indicators”	Can\$7,000	Co-I	2017-18
U.S. Borlaug Fellowship in Global Food Security “Sorghum Consumption and Consumer Choice in Zimbabwe”	\$30,000	Fellowship	2016-17

Internal Grants and Fellowships

UNIVERSITY OF ARIZONA

Map Dashboard White Paper Grant	\$7,500	2026
Student Internship One Health Grant	\$4,000	2025
Workshop Support Grant	\$15,000	2024-2025
One Health Projects Grant	\$50,000	2024-2025
Environment & Resilience Vertically Integrated Projects	\$11,500	2022-2026
UA Commission on the Status of Women	\$600	2023
AIRES RISE Initiative ²⁴	\$76,300	2022-2026
Hispanic Serving Institution Faculty Seed Grants	\$25,000	2022-2024
Undergraduate Research Initiative: Increasing Access to Research	\$5,000	2021-2022
Arizona Institute for Resilience (AIR) Seed Grant	\$7,500	2021-2022
JumpStart Pilot Project (ASU) Seed Grant	\$17,837	2020-2021
CALS COVID-19 Pilot Project Seed Grant	\$13,275	2020-2021
Experiential Learning Design Accelerator Fellowship	\$22,000	2019
Commission on the Status of Women Faculty Affairs Committee Travel Grant	\$250	2019
Student / Faculty Interaction Grant	\$485	2018

PURDUE UNIVERSITY

D. Woods Thomas Memorial Fund Award to Support International Activities	\$1,000	2016
Jim and Neta Hicks Small Grant	\$10,000	2015-17
Andrews Environmental Travel Grant	\$500	2014

Awards

Outstanding Reviewer Award

[1] *American Journal of Agricultural Economics* (2026)

[2] *Food Policy* (2026)

Africa Section Best Publication - Second Place, AAEA Africa Section (2026)

Outstanding Master's Thesis, Ag. and Applied Economics Association: Advisor

[1] Chandrakant Agme (2024 graduation): "Variable Selection in Economic Applications of Remotely Sensed Weather Data: Evidence from the LSMS-ISA" (2025)

[2] Emil Kee-Tui (2021 graduation): "Labor, Credit, and Markets: Evidence from the Philippines, 1971 - 2016" (2022)

VIP and CURE Poster Session: People's Choice Award - Mentor - Kieran Douglas & Aurora Seekins, University of Arizona (2025)

Early Career Scholars Award, University of Arizona (2023)

Award for Excellence in Resilience Research for Global Development Challenges, University of Arizona (2023)

International Section Best Publication - Honorable Mention, AAEA International Section (2023)

Inclusive Leadership Cohort Certificate, University of Arizona (2019 - 2020)

Uma Lele Prize for Best Paper on Gender, International Association of Agricultural Economics (2018)

[Ross Fellowship](#), Purdue University (2013)

Robert LaFleur Award for Excellence in Environmental Geoscience, RPI (2011)

Teaching and Professional Experience

University of Arizona (Primary Instructor for all Courses; "(MS)" designates graduate course, otherwise undergraduate-level)

Sustaining Life: The Global Economy of Food; University of Arizona (Fall 2018-2021, 2023-25; Summer 2020-2024; Spring 2023-2025)

Economics of Food & Agriculture: Sustainable Solutions for a Changing World; University of Arizona (Fall 2025)

Graduate Student Seminar in Applied Economics (MS); University of Arizona (Fall 2024-2025, Spring 2024-2026)

Microeconomics of Development (MS); University of Arizona (Fall 2020-2021)

Consumption Economics and Price Analysis (MS); University of Arizona (Fall 2018)

Purdue University

Primary Instructor, Principles of Macroeconomics, Purdue University (Summer 2015)

Teaching Assistant, Principles of Macroeconomics, Purdue University (Fall 2014, Spring 2015)

Other

Co-Instructor, Summer Workshop for NIFA USDA Agriculture Training Cohort (Summer 2024, 2025)

Co-Instructor, Short Course in Impact Assessment in Los Baños, the Philippines (Winter 2019)

Consultant, World Bank Group

Co-Instructor, Short Course in Impact Assessment in Penang, Malaysia (Spring 2017)

Visiting Scholar, International Crop Research Institute in the Semi-Arid Tropics (2016-2017)

Student Advising and Collaboration (*Committee Chair/Co-Chair; AAE unless noted)

Current MSc Students: Luna Falk*

Current Undergraduate Students: Nelson Semidey; Jared Sage (Business Economics), Bella Abatti

Current PhD Students: Emanuele Clemente (Bari University)

Previous Undergraduate Students: Niwatey San (Business Economics); Annabel Ivey

2025 NIFA USDA Agriculture Training Cohort (UA): Camille Guillen; Annabel Ivey; Tim Leavy; Kevin Robbles (Data Science); Nelson Semidey; Joss Tijerina

2024 NIFA USDA Agriculture Training Cohort (UA): Seraj Alhaji (Nutrition); Jacob Breitweiser; Kieran Douglas (Business Economics); Amalia Jimenez (Business Economics & AAE); Anastasia Seckers (Ecology & Evolutionary Biology); Christien Stevany (Environmental Sci)

2023 Undergraduate Research Interns: Ella Anderson (AAE & Business Economics); Kieran Douglas (Business Economics); Rebeca Fingkreuw (Applied Humanities & Business Economics); Shayan Khan (Business Economics & Arabic); Caroline Klinck (MIS); Bryce Smets (Business Economics); Marlon Spain (Business Economics & PPEL); Jacob Taylor (AAE & Computer Science)

2022 Undergraduate Research Interns: Tatum Bingham; Reece Branham (Business Economics & French); Maxine Cruz (Ecology & Evolutionary Biology); Rodrigo Guerra Su; Chi Nguyen (Environmental Science); Hope Njuguna (Environmental Studies); Andrew Soderberg; Jake Thomason (Information Science)

Graduated PhD Students: Julia Davies (School of Geography)

Graduated MSc Students: Joseph Lanser*; Maria Camila Salamanca*; Reece Branham*; Roberta Gracia; Rodrigo Guerra Su*; Ayden MacLeod; Chandrakant Agme*; Dewan Al Rafi*; Lorin Rudin-Rush*; Praneetha Yannam; Brenda Jimenez; Charles Meisch; Ann Furbush*; Emil Kee-Tui*; Laura McCann; Diana Githu* (School of Natural Resources and the Environment); Stephanie Perez; Matt Leib*; Husani Newbold

Graduated Undergraduate Students: Shayan Khan (Business Economics & Arabic); Garrett Hanson (University of Chicago); Gabriel Navarro-Vazquez (Business Economics); Ted Melitas; Adrian Ureta; Jacob Taylor (AAE & Comp. Sci); Tim Leavy; Joss Tijerina; George Hyland; Kieran Douglas (Business Economics); Aurora Seekins (Business Economics & PPEL); Samantha Wetherell; Clément Bellin (Université PSL); Andrew Soderberg; Brenda Jimenez; Tatum Bingham; Frederick Driesen; Reece Branham (Business Economics & French)

Professional Service

University of Arizona

AAE Graduate Coordinator & Director of Graduate Studies (2025-present)

CALES Post-Tenure Review Committee (2026-present)

Committee on Ethics and Commitment (2025-present)

Agricultural and Applied Economics Club - Faculty Advisor (2020-present)

University Hearing Board - Member (2020-present)

AAE Academic Program Review Chair (2023)

Spectrum of Modalities Working Group - Member (2022)

Agricultural and Applied Economics Association

Employment Committee - Member (2025-2028)

Committee on Agricultural Economics Education - Member (2023-2024)

International Section Leadership - Chair (2019-2022)

Communications Committee - Member (2019-2022)

Committee for Women in Agricultural Economics Section Leadership

Nominations Committee Co-Chair (2025-present)

Awards Committee Member (2024-2026)

Programs Committee Member (2024-2025)

Survey Committee Chair (2018-2021)

Social Media Manager (2017-2019)

Guest Editing: Special Feature in *PNAS*

Refereeing: *Journal of Rural Studies* (1); *Applied Economics Letters* (2); *Climatic Change* (1); *Review of Economics of the Household* (4); *Journal of Agricultural and Applied Economics* (3); *World Bank Economic Review* (1); *Journal of the Association of Environmental and Resource Economics* (2); *Review of Development Economics* (1); *Environment and Development* (2); *Journal of the Agricultural and Applied Economics Association* (3); *Nature Human Behaviour* (1); *Agricultural Systems* (1); *Applied Economics Teaching Resources* (2); *Journal of Development Studies* (3); *Oxford Development Studies* (1); *PLOS ONE* (2); *International Journal of Disaster Risk Reduction* (5); *Journal of African Economies* (1); *American Journal of Agricultural Economics* (10); *Journal of Economic Education* (3); *European Review of Agricultural Economics* (1); *Food Policy* (13); *Development Policy Review* (1); *Land Use Policy* (1); *Agricultural Economics* (8); *African Journal of Agricultural and Applied Economics* (2); *World Development* (3); *American Entrepreneurship Journal* (1)

External Review: Swiss National Science Foundation (2025); USAID Impact Evaluation Review (2023)

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