

JEFFREY D. MICHLER

University of Arizona
Dept. of Agricultural and Resource Economics
McClelland Park 301K
Tucson, AZ 85721
1.520.621.9809

jdmichler@arizona.edu
[Departmental Website](#)
[Personal Website](#)
[Google Scholar](#)
[Github](#)

ACADEMIC APPOINTMENTS

2018- Assistant Professor, Dept. of Agricultural and Resource Economics, University of Arizona
2017-18 Assistant Professor, Dept. of Agricultural and Resource Economics, University of Saskatchewan
2015-17 Post-Doctoral Fellow, University of Illinois & ICRISAT - Zimbabwe

AFFILIATIONS

2020- Berkeley Initiative for Transparency in the Social Sciences
2019- Short-Term Consultant, World Bank
2018- Adjunct Professor, Dept. of Agricultural and Resource Economics, University of Saskatchewan

EDUCATION

Ph.D. Agricultural Economics, Purdue University, May 2015
M.A., Economics, New School for Social Research, December 2009
M.A., Theology, *magna cum laude*, St. Vladimir's Orthodox Theological Seminary, May 2007
B.A., Economics and History, *cum laude*, Bethel University, May 2003

PUBLICATIONS AND PRESENTATIONS

Books

Josephson, A. and J.D. Michler. 2022. *Research Ethics in Applied Economics: A Practical Guide*. Under contract with Routledge.

Journal Articles

- [17] Josephson, A., T. Kilic, and J.D. Michler. 2021. "Socioeconomic Impacts of COVID-19 in Low-Income Countries." *Nature Human Behaviour* 5: 557-65. Available as World Bank Policy Research Working Paper No. 9466.
- [16] Arouna, A., J.D. Michler, and J.C. Lokossou. 2021. "Contract Farming and Rural Transformation: Evidence from a Field Experiment in Benin." *Journal of Development Economics* 151: 102626. Available as NBER Working Paper No. 25665.
- [15] Michler, J.D., W. Masters, and A. Josephson. In Press. "Beyond the IRB: Selection Bias in Applied Economics Research." *Applied Economic Perspectives and Policy*.
- [14] Janzen, S. and J.D. Michler. In Press. "Ulysses' Pact or Ulysses' Raft: Using Pre-Analysis Plans in Experimental and Non-Experimental Research." *Applied Economic Perspectives and Policy*.

- [13] Arouna, A., J.D. Michler, W.G. Yergo, and K. Saito. 2021. "One Size Fits All? Experimental Evidence on the Digital Delivery of Personalized Extension Advice in Nigeria." *American Journal of Agricultural Economics* 103 (2): 596-619.
- [12] Michler, J.D. and S.Y. Wu. 2020. "Governance and Contract Choice: Theory and Evidence from Groundwater Irrigation Markets." *Journal of Economic Behavior & Organization* 180: 129-47.
- [11] Michler, J.D. 2020. "Agriculture in the Process of Development: A Micro-Perspective." *World Development* 129: 104888.
- [10] Michler, J.D. and S.Y. Wu. 2020. "Relational Contracts in Agriculture: Theory and Evidence." *Annual Review of Resource Economics* 12: 111-27.
- [9] Michler, J.D., E. Tjernström, S. Verkaart, and K. Mausch. 2019. "Money Matters: The Role of Yields and Profits in Agricultural Technology Adoption." *American Journal of Agricultural Economics* 101 (3): 710-31.
- 2019 Outstanding *American Journal of Agricultural Economics* Article Award
- [8] Michler, J.D., K. Baylis, M. Arends-Kuenning, and K. Mazvimavi. 2019. "Conservation Agriculture and Climate Resilience." *Journal of Environmental Economics and Management* 93: 148-69.
- [7] Slade, P., J.D. Michler, and A. Josephson. 2019. "Foreign Geographical Indications, Consumer Preferences, and the Domestic Market for Cheese." *Applied Economic Perspectives and Policy* 41 (3): 370-90.
- [6] Josephson, A. and J.D. Michler. 2018. "Beasts of the Field? Ethics in Agricultural and Applied Economics." *Food Policy* 79: 1-11.
- [5] Barriga Cabanillas, O.*, J.D. Michler, A. Michuda*, and E. Tjernström. 2018. "Fitting and Interpreting Correlated Random-Coefficient Models Using Stata." *Stata Journal* 18 (1): 159-73.
- [4] Michler, J.D. and A. Josephson. 2017. "To Specialize or Diversify: Agricultural Diversity and Poverty Dynamics in Ethiopia." *World Development* 89: 214-26.
- [3] Michler, J.D. and J.V. Balagtas. 2017. "The Importance of the Savings Device in Precautionary Savings: Empirical Evidence from Rural Bangladesh." *Agricultural Economics* 48 (2): 129-41.
- [2] Verkaart, S., B. Munyua, K. Mausch, and J.D. Michler. 2017. "Welfare Impacts of Improved Chickpea Adoption: A Pathway for Rural Development in Ethiopia?" *Food Policy* 66: 50-61.
- [1] Michler, J.D. and G. Shively. 2015. "Land Tenure, Tenure Security and Farm Efficiency: Panel Evidence from the Philippines." *Journal of Agricultural Economics* 66 (1): 155-69.

Book Chapters

- Furbush, A. *, A. Josephson, T. Kilic, and J.D. Michler. 2021. "The Evolving Impact of COVID-19 in Four African Countries," in R. Arezki, S. Djankov, and U. Panizza, eds., *Shaping Africas Post-Covid Recovery*. London: CEPR Press. Available as World Bank Policy Research Working Paper No. 9556.

In Review

- Michler, J.D. and A. Josephson. "Recent Developments in Inference: Practicalities for the Applied Economist."

In Preparation

- McCann, L.* , J.D. Michler, J. Raneria, and N. Estrada Carmona. "Food Without Fire: Nutritional Outcomes from a Solar Stove Field Experiment."
- Kee-Tui, E.* , A. Josephson, and J.D. Michler. "Labor, Credit, and Markets: Evidence from the Philippines, 1971-2016."
- Tjernström, E., D. Ghanem, O. Barriga Cabanillas*, T.J. Lybbert, J.D. Michler, A. Michuda*. "A Group Random Coefficient Approach to Modeling Heterogeneous Returns to Technology Adoption."
- Michler, J.D., F. Viens, and G. Shively. "Risk, Agricultural Production, and Weather Index Insurance in Village South Asia."
- Michler, J.D., P. Slade, and S.Y. Wu. "Approximation in Complex Pricing Mechanisms."
- Deutschmann, J.W.* , J.D. Michler, and E. Tjernström. "Complex Pricing and Consumer Behavior: Evidence from a Lab Experiment."
- Michler, J.D., S.D. Yun, and B. Gramig. "A Dynamic Model of Firm Location in Two-Dimensional Space."
- Josephson, A., J.D. Michler, and A. Orr. "An Industrious Revolution? Changes in the Household Economy in Rural Bangladesh."
- Baylis, K., M. Mallory, J.D. Michler, and T. Songsermsawa. "Effects of Credit and Market Access on Farm Gate Prices in India."

Reports, Briefs, and Policy Papers

- Josephson, A., E. Kee-Tui*, J.D. Michler, and S. Perez*. 2020. "Dissemination and Adoption of Bundled Agronomic Practices." Cardon Working Paper Series No. 202002
- "Assessing the Contributions of Conservation Agriculture to Building Resilience to Drought." 2016. Literature Review Report 6924-ELo4. VUNA, Pretoria, South Africa.
- "Assessment of the Impact of Improved Pigeonpea Development in Northern Tanzania." 2016. Impact Brief No. 1 Patancheru 502 324, Telangana, India: ICRISAT.
- "An Economic Assessment of Sorghum Improvement in Mali." 2016. Impact Brief No. 2 Patancheru 502 324, Telangana, India: ICRISAT.
- "Impact of Fertilizer Microdosing Research and Development in Semi-Arid Zimbabwe." 2016. Impact Brief No. 3 Patancheru 502 324, Telangana, India: ICRISAT.
- "Economic Impacts of Groundnut Research and Development in Malawi: 1982-2013." 2016. Impact Brief No. 4 Patancheru 502 324, Telangana, India: ICRISAT.
- "Impact Assessment of Pearl Millet Hybrids on Production in Northwest India." 2016. Impact Brief No. 5 Patancheru 502 324, Telangana, India: ICRISAT.

Invited Seminars, Conference Presentations, and Workshops

- 2021 SPIA Webinar Series (virtual), Pre-Doctoral Research in Economics Workshop (virtual). Scheduled: Feed the Future Agrilinks Webinar Series (virtual), AAEA Annual Meeting (Austin, TX), IAAE Triennial Meeting (virtual)
- 2020 World Bank Development Data Group Learning Series (virtual), AAEA Annual Meeting (virtual), NIFA Agriculture Policy Research Group Annual Conference (virtual), Michigan State University (virtual). Accepted, conference canceled due to COVID-19: CSAE Conference (Oxford, England), SIOE Annual Meeting (Cambridge, MA)

- 2019 AAEA invited session at ASSA (Atlanta, GA), NBER Transforming Rural Africa Conference (Cambridge, MA), CSAE Conference (Oxford, England), University of Arizona (Tucson, AZ), IRRI Workshop on Improving Impact Assessment, Monitoring, and Evaluation (Rome, Italy), SIOE Annual Meeting (Stockholm, Sweden), AAEA Annual Meeting (Atlanta, GA), Arizona State University (Mesa, AZ), University of Minnesota (St. Paul, MN)
- 2018 CSAE Conference (Oxford, England), Midwest International Economic Development Conference (Minneapolis, MN), University of Wisconsin (Madison, WI), PIM Workshop on Rural Transformation in the 21st Century (Vancouver, Canada), IAAE Triennial Meeting (Vancouver, Canada), AAEA Annual Meeting (Washington, D.C.), University of Copenhagen (Copenhagen, Denmark) International Rice Congress (Singapore)
- 2017 AEA Annual Meeting (Chicago, IL), CSAE Conference (Oxford, England), University of Arizona (Tucson, AZ), SPIA/IFPRI Invited Conference on Impacts of International Agricultural Research (Nairobi, Kenya), AAEA Annual Meeting (Chicago, IL), Workshop on Relational Contracts (Evanston, IL)
- 2016 University of Saskatchewan (Saskatoon, Canada), IFPRI (Washington, D.C.), AAEA Triennial Meeting (Addis Ababa, Ethiopia), AAEA Annual Meeting (Boston, MA), African School of Economics (Cotonou, Benin), Africa Rice (Cotonou, Benin), 3ie Workshop on Agricultural Risk Mitigation (Nairobi, Kenya), Pan-African Grain Legume Conference (Livingstone, Zambia)
- 2015 Econometric Society World Congress (Montreal, Canada), SIOE Annual Meeting (Cambridge, MA), IAAE Triennial Meeting (Milan, Italy), AAEA Annual Meeting (San Francisco, CA), Midwest International Economic Development Conference (Madison, WI)
- 2014 International Rice Congress (Bangkok, Thailand), AAEA Annual Meeting (Minneapolis, MN), Midwest International Economic Development Conference (Minneapolis, MN), IRRI (Los Banos, Philippines)
- 2013 AAEA Annual Meeting (Washington, D.C.), IRRI (Los Banos, Philippines)
- 2012 AAEA Annual Meeting (Seattle, WA), Purdue Experimental Economics Seminar (West Lafayette, IN)

TEACHING

University of Arizona

- AREC513/ECON513 Consumer Economics and Price Analysis (Spring 2020, 21)
 AREC360 Poverty and Development of Nations (Spring 2019, 20, 21)
 AREC516/ECON516 Microeconomics of Agricultural Development (Spring 2019)

University of Saskatchewan

- AREC 272 Introduction to Agricultural Economics (Spring 2018)

Purdue University

- AGEC 217 Principles of Macroeconomics (Summer 2012)

Workshops and Other Teaching

- IRRI (Los Baños, Philippines) Workshop on Advanced Methods of Impact Assessment
 (co-taught with Anna Josephson, December 2019)
- WorldFish (Penang, Malaysia) Workshop on Advanced Methods of Impact Assessment
 (co-taught with Mary Arends-Kuenning and Kathy Baylis, May 2017)
- ICRAF (Nairobi, Kenya) Workshop on Advanced Methods of Impact Assessment
 (co-taught with Mary Arends-Kuenning and Kathy Baylis, September 2015)

Graduate Student Supervision

- Dewan Al Rafi, MSc 2023 (advisor)
 Lorin Rudin-Rush, MSc 2023 (co-advisor)
 Ann Furbush, MSc 2022 (advisor)
 Laura McCann, MSc 2021 (advisor)

Emil Kee-Tui, MSc 2021 (co-advisor)
 Emily Joiner, MSc 2020 (committee member)
 Cheng Zhou, MSc 2020 (committee member)

Undergraduate Student Supervision

Alison Conley, BS 2020
 Brian McGreal, BS 2020

Visiting Scholar Supervision

Ahsan Ali Rehmani, PhD University of Faisalabad

RESEARCH GRANTS, AWARDS, AND SCHOLARSHIPS

External Grants (\$676,180)

World Bank Research Support Budget "Understanding Households Resilience to and Recovery from COVID-19 in Sub-Saharan Africa"	\$95,000	Co-PI	2021-22
Berkeley Initiative for Transparency in the Social Sciences (BITSS) "Transparency, Replicability, & Reproducibility in Agricultural and Applied Economics"	\$1,680	Co-PI	2020-21
Standing Panel on Impact Assessment (SPIA) "Evaluating the Impact of Stress-Tolerant Rice Varieties Through Remote Sensing and Econometric Methods"	\$300,000	Co-PI	2020-22
SSHRC Insight Development Grant "Approximation in Complex Pricing Mechanisms"	Can\$72,500	PI	2018-9
Standing Panel on Impact Assessment (SPIA) "Workshop and Institutional Support for Advanced Methods in Impact Assessment"	\$42,000	Co-PI	2017
Strengthening Impact Assessment in the CGIAR (SIAC) "Documenting Adoption of Natural Resource Management (NRM) Practices: Evidence on Microdosing and Conservation Agriculture in Zimbabwe and Niger"	\$150,000	Co-PI	2016-17
U.S. Borlaug Fellowship in Global Food Security "Household Grain Storage and Food Security in Rural Bangladesh"	\$15,000	Fellowship	2012-13

Internal Grants (\$52,500)

UNIVERSITY OF ARIZONA			
Arizona Institutes for Resilience (AIR) Seed Grant	\$7,500	co-PI	2021
CALS Early Career Seed Grant	\$10,000	PI	2018-9
UNIVERSITY OF SASKATCHEWAN			
Global Ambassador Program Award	Can\$5,000		2018-9
President's SSHRC Research Fund	Can\$7,000	PI	2017-8
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
ACES International Joint Research Program Grant	\$20,000	Co-PI	2016
PURDUE UNIVERSITY			
Climate Change Research Center Travel Grant	\$2,000		2015
D. Thomas Woods Memorial Fund for International Studies	\$1,000		2013

Awards and Scholarships

Outstanding *American Journal of Agricultural Economics* Article Award 2019 (with Emilia Tjernström, Simone Verkaart, and K. Mausch)
 Excellence in Refereeing Award, *World Bank Economic Review*, 2018
 Best Dissertation, Dept. of Agricultural Economics, Purdue, 2015
 Young Rice Scientist Award, 2014
 Frederick N. Andrews Fellowship, 2010-2012

PROFESSIONAL AND ACADEMIC EXPERIENCE

2019-20 Consultant, World Bank
 2013-15 Graduate Research Assistant, Purdue University
 2013 Visiting Scholar, IRRI, Dhaka, Bangladesh
 2011-12 Graduate Teaching Assistant, Principles of Macroeconomics, Purdue University
 2007-08 Natural Resource Analyst, O&M Partners, New York, NY
 2003-04 High school teacher (economics and history), Hinkson Academy, Moscow

PROFESSIONAL SERVICE

Chair-Elect Experimental Economics (EXECON) Section of the AAEA (2020-2021)

Member advisory council, Arizona Institutes for Resilience (AIR) International Programs (2021)

Journal reviewer for *American Journal of Agricultural Economics* (8), *Journal of Environmental Economics and Management* (2), *World Bank Economic Review* (2), *World Development* (3), *Food Policy* (4), *Land Use Policy* (3), *Journal of Development Studies* (3), *Land Economics* (1), *Agricultural Economics* (2), *Journal of Agricultural Economics* (3), *Applied Economic Perspectives and Policy* (2), *Global Food Security* (1), *European Review of Agricultural Economics* (1), *Agricultural Systems* (1), *Australian Journal of Agricultural and Resource Economics* (1), *African Journal of Agricultural and Resource Economics* (2), *Climate Change* (1), *Journal of Environment and Development* (1)

Conference reviewer for AAEA (2015-20), AAAE (2016, 2019), ICAE (2015, 2018, 2021), topic leader for WAEA (2020)

External reviewer for International Food Policy Research Center (IFPRI), International Initiative for Impact Evaluation (3ie)

Academic Chair, Graduate Student Organization, Purdue University (2013-14)

Department representative, AREC Hiring Committee, University of Arizona (2021), CALS Faculty Council, University of Arizona (2019), Graduate Student Advisory Council, College of Agriculture, Purdue University (2013-2014)

Member of American Economic Association; Society for Institutional & Organizational Economics; Agricultural & Applied Economics Association; International Association of Agricultural Economists; African Association of Agricultural Economists