

Nicole M. Mason

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Research Interests

Agricultural policy analysis, political economy, agricultural technology adoption, and issues at the agriculture-environment-development nexus

Education

Ph.D. Agricultural Economics, Michigan State University, Aug. 2011
M.S. Agricultural Economics, Michigan State University, Aug. 2008
B.S. Biology, Allegheny College, May 2000

Academic Experience

Faculty Fellow for Graduate Studies, Office of Academic and Student Affairs, College of Agriculture and Natural Resources, Michigan State University, May 2024-present

Associate Chairperson and Graduate Program Director, Department of Agricultural, Food, and Resource Economics, Michigan State University, Aug. 2020-present

Associate Professor with tenure, Department of Agricultural, Food, and Resource Economics, Michigan State University, Jul. 2019-present
–FMLA leave: Fall 2019

Assistant Professor (tenure system), Department of Agricultural, Food, and Resource Economics, Michigan State University, Aug. 2013-Jun. 2019

Assistant Professor (fixed term), International Development, Department of Agricultural, Food, and Resource Economics, Michigan State University, Aug. 2011-Aug. 2013. On long-term assignment in Lusaka, Zambia with the Indaba Agricultural Policy Research Institute (IAPRI).

– Capacity Building Coordinator, IAPRI, Jan. 2013-Aug. 2013

– Research Fellow, IAPRI, Aug. 2011-Aug. 2013

Visiting Lecturer, Department of Agricultural Economics and Extension Education, University of Zambia, Oct. 2011-Aug. 2013

Graduate Research Assistant, Department of Agricultural, Food, and Resource Economics, Michigan State University, Aug. 2005-Aug. 2011

Other Relevant Professional Experience

Communications & Administrative Staff Associate, Partnership to Cut Hunger and Poverty in Africa, Washington, DC, Sep. 2004-Aug. 2005

Peace Corps Volunteer (environmental education and agroforestry), Dalein, Guinea, Jun. 2000-Jun. 2002

Awards and Fellowships

Class 20, [LEAD21: Leadership for the 21st Century](#), 2024/25

Excellence in Service Award, Department of Agricultural, Food, and Resource Economics, MSU, 2024

You Belong Here Faculty Champion Nominee, College of Agriculture and Natural Resources Office of Diversity, Equity, and Inclusion, MSU, 2021 <https://www.canr.msu.edu/diversity/you-belong-here-canr/2021-award>

Excellence in Outreach & Extension Award, Department of Agricultural, Food, and Resource Economics, MSU, 2020 (with M. Maredia, B. Belton, D. Boughton, K. Cox, E. Crawford, S. Frump, S. Haggblade, T.S. Jayne,

Y. Kone, S. Liverpool-Tasie, S. Longabaugh, D. Mather, I. Minde, J. Monahan, M. Muyanga, D. Nyange, C. Odom, D. Ortega, T. Reardon, M. Smale, O. Tasie, V. Theriault, D. Tschirley, and N. Walworth, for our work under the Feed the Future Innovation Lab for Food Security Policy project)

Excellence in Teaching Award, Department of Agricultural, Food, and Resource Economics, MSU, 2019

Bruce Gardner Memorial Prize for Applied Policy Analysis, Agricultural and Applied Economics Association, 2017 (with J. Ariga, W. Burke, E. Crawford, T.S. Jayne, C. Jumbe, S. Liverpool-Tasie, D. Mather, S. Rashid, and J. Ricker-Gilbert for our work on “Farm Input Subsidy Programs in Sub-Saharan Africa”)

John H. Hudzik Emerging Leader in Advancing International Studies and Programs Award, Michigan State University (MSU), 2017

Excellence in Research Award, Department of Agricultural, Food, and Resource Economics, MSU, 2016

Fellow, Academy for Global Engagement, Center for Global Connections in Food, Agriculture, and Natural Resources, MSU, 2015

University Distinguished Fellow, MSU, 2005-2010

Grants Awarded (Total Credited Amount to Date: \$3.68 million in external funding)

Externally-funded (\$44.46 million total obligated to date):

1. “Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence” (May 15, 2024-May 14, 2026). Co-PI (with D. Tschirley (PI), M. Maredia, V. Theriault, D. Ortega, T. Reardon, D. Boughton, J. Bonnell, W. Burke, M. Muyanga, A. Wineman, and J. Goeb). Sponsor: U.S. Agency for International Development (USAID). Project in progress. Award amount: \$4,600,000 expected; \$2,300,000 obligated to date. (Credited amount: \$276,000 expected; \$138,000 to date.)
2. “Willingness to Pay for Soil Testing and Impact of Soil Test Information on Demand for Soil Acidity Management Technologies on Smallholder Farms in Kenya” (June 1, 2021-May 31, 2025). US university-based mentor (with J. Olwande and L. Kirimi, Tegemeo Institute of Agricultural Policy and Development). Sponsor: Advancing Local Leadership, Innovation, and Network (ALL-IN) – a collaborative program between the Feed the Future Innovation Lab for Markets, Risk and Resilience and the International Center for Evaluation and Development. Prime: USAID. Project in progress. Award amount: \$526,586.
3. “Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence” (May 15, 2019-May 14, 2024). Co-PI (with D. Tschirley (PI), T. Awokuse, W. Bauchspies, D. Boughton, E. Crawford, T.S. Jayne, S. Liverpool-Tasie, M. Maredia, J. Medendorp, T. Reardon, and V. Theriault). Sponsor: U.S. Agency for International Development (USAID). Project complete. Award amount: \$11,000,000. (Credited amount: \$660,000.)
4. “Site-specific soil data management for improvement of soil productivity and farm-level profitability for marginal arable lands of Niger” - project of the Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium (Jan. 1, 2020-July 31, 2022). Co-PI (with S. Snapp (PI) and V. Morrone). Sponsor: International Fertilizer Development Center. Prime: USAID. Project complete Award amount: \$190,044. (Credited amount: \$76,018.)
5. “Raising Crop Response: Bidirectional Learning to Catalyze Sustainable Intensification at Multiple Scales” (Oct. 1, 2015-Jun. 30, 2020), Co-PI (with S. Snapp (PI), H. Tindwa, K. Giller, J.C. Rubyogo, N. Kassim, T.S. Jayne, F. Bajjukya, and M. Bekunda). Tanzania-focused project funded by the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL). Sponsor: Kansas State University. Prime: USAID. Project complete. Award amount: \$996,764. (Credited amount: \$239,223.)
6. “Measuring Farmer Response to the Speed of Agricultural Innovation: Experimental Evidence from Michigan” (Sep. 1, 2017-Dec. 31, 2020), PI and in collaboration with Ph.D. student S. Morgan. Sponsor: North Central Region Sustainable Agriculture Research & Education. Prime: U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture. Project complete. Award amount: \$11,979. (Credited amount: \$11,979.)
7. “Food Security Policy Innovation Lab” (Jul. 15, 2013-Jan. 14, 2020), Co-PI (with M. Maredia (PI), D. Boughton, D. Tschirley, V. Theriault, O. Tasie, T. Reardon, M. Muyanga, D. Mather, S. Longabaugh, T.S.

- Jayne, S. Haggblade, and E. Crawford). Sponsor: USAID. Project complete. Award amount: \$15,000,000. (Credited amount: \$1,050,000.)
8. “Food Security Policy Innovation Lab – Zambia Buy-In” (May 1, 2016-Apr. 30, 2019; no-cost extension to Jan. 14, 2020), PI May 2018-present (with M. Muyanga (co-lead PI), T.S. Jayne, and E. Crawford), Co-PI May 2016-Apr. 2018 (with T.S. Jayne (PI), N. Sitko, and E. Crawford). Sponsor: USAID Zambia Mission. Project complete. Award amount: \$1,500,168. (Credited amount: \$275,031.)
 9. “Measuring Farmer Participation and Compliance: Agri-Environmental Regulation in Michigan” (Jan. 1, 2016-Dec. 31, 2017), PI and in collaboration with Ph.D. student S. Morgan. Sponsor: Johns Hopkins University (Center for Behavioral and Experimental Agri-Environmental Research). Prime: USDA Economic Research Service (ERS). Project complete. Award amount: \$9,996. (Credited amount: \$9,996.)
 10. “Tegemeo Agricultural Policy Research and Analysis Project II (TAPRA II)” (Jun. 1, 2012-Dec. 31, 2017), Co-PI (with M. Smale (PI), T.S. Jayne, M. Muyanga, and E. Crawford). Sponsor: Egerton University, Kenya. Prime: USAID Kenya Mission. Project complete. Award amount: \$1,997,916. (Credited amount: \$199,792.)
 11. “Food Security Research Project - Phase III” (Oct. 21, 2010-Apr. 20, 2016), Co-PI (with T.S. Jayne (PI), N. Sitko, J. Chamberlin, and E. Crawford; in partnership with the Indaba Agricultural Policy Research Institute, Zambia). Sponsor: USAID Zambia Mission. Project complete. Award amount: \$11,444,812. (Credited amount: \$1,144,481.)
 12. “Implementing the ERS Food Security Model” (Sep. 1, 2015- Jan. 30, 2016), PI and in collaboration with Ph.D. student S. Morgan. Cooperative agreement. Sponsor: USDA ERS. Project complete. Award amount: \$10,000. (Credited amount: \$10,000.)

Internally-funded:

1. “The Partnership for Enabling Market Environments for Fertilizer in Africa (PEMEFA)” (Jul. 1, 2020-Dec. 31, 2021), PI (with J. Olwande, H. Ngoma, K. Kuhlmann, and M. Wanzala). Sponsor: MSU through the Alliance for African Partnership. Project complete. Award amount: \$39,996. (Credited amount: \$7,426.)
2. “Improving the Enabling Environment for Fertilizer Markets in Africa: An Institutional Collaborative Approach to Value Chain Development” (May 1, 2017-Dec. 31, 2018), PI (with K. Kuhlmann, C. Jumbe, M. Wanzala-Mlobela, and J. Ariga). Project complete. Sponsor: MSU through the Alliance for African Partnership. Project complete. Award amount: \$199,999. (Credited amount: \$22,860.)
3. “Rwanda Coffee Value Chain Policy Analysis” (Jul. 1, 2018-Jun. 30, 2019), Co-PI (with D. Clay (PI) and M.C. Lopez; in partnership with the University of Rwanda). Includes analyses of a fertilizer subsidy program for coffee and a coffee sector policy change. Sponsor: MSU through the Center for Advanced Study of International Development. Project complete. Award amount: \$9,374.

Proposals Under Review

“The Global Center for Soil Health at Michigan State University”. MSU Strategic Partnership Grant Proposal. Co-PI (with L. Tiemann (PI), C. Sprunger, D. Tschirley, S. Liverpool-Tasie, M. Maredia, K. Maredia, S. Wyche, W. Burke, and C. Rakmatov. Amount requested: \$170,000.

Journal Articles

* indicates peer-reviewed, underline indicates MSU student († indicates graduate student at another university) at the time of research. First author is lead and corresponding author unless otherwise noted.

1. *A. Melkani, **N. Mason**, D. Mather, B. Chisanga†, and T.S. Jayne. 2025. “Liquidity constraints for variable inputs at planting time and the maize production and marketing decisions of smallholder farmers in Zambia.” *Agricultural Economics* 56 (1): 73-91. <https://doi.org/10.1111/agec.12863>
2. *J. Farris, M. Maredia, **N. Mason**, and D. Ortega. 2024. “Farmer personality and community-based extension effectiveness in Tanzania.” *World Development* 173: 106424. <https://doi.org/10.1016/j.worlddev.2023.106424>

3. *[C. Sauer](#), T. Reardon, and **N. Mason**. 2023. “The poor do not pay more for food: Evidence from Tanzanian consumer food expenditures controlling for the food environment.” *Agricultural Economics* 54(5): 638-661. <https://doi.org/10.1111/agec.12799>
4. *[W.J. Burke](#), S. Morgan, T. Namonje†, M. Muyanga, and **N. Mason**. 2023. “Beyond the ‘inverse relationship’: Area mismeasurement affects actual productivity, not just how we understand it.” *Agricultural Economics* 54 (5): 557-569. <https://doi.org/10.1111/agec.12775>
5. *[L. Steinhübel†](#), A. Wenzel, P. Hulamani, S. von Cramon-Taubadel, and **N. Mason**. 2022. “Effects of local farm management on wild bees through temporal and spatial spillovers: Evidence from Southern India.” *Landscape Ecology* 7 (10): 2635–2649.
6. *[M. Dolislager](#), L.S.O. Liverpool-Tasie, **N. Mason**, T. Reardon, and D. Tschirley. 2022. “Consumption of healthy and unhealthy foods by the African poor: Evidence from Nigeria, Tanzania, and Uganda.” *Agricultural Economics* 53 (6): 870-894.
7. *[A. Gerard](#), M.C. Lopez, **N. Mason**, and A. Bizoza. 2022. “Do government zoning policies improve buyer-farmer relationships? Evidence from Rwanda’s coffee sector.” *Food Policy* 107: 102209.
8. *[D. Olson](#), **N. Mason**, L. Kirimi, J. Makau. 2022. “Do changes in maize prices and inputs prices affect smallholder farmers’ soil fertility management decisions? Panel survey evidence from Kenya.” *Agrekon* 61 (2): 167-191. (Mason corresponding author.)
9. *[J. Kim](#), **N. Mason**, D. Mather, and F. Wu. 2021. “The effects of the National Agricultural Input Voucher Scheme on sustainable intensification of maize production in Tanzania.” *Journal of Agricultural Economics* 72 (3): 857-877. (Mason led R&R.)
10. *[S. Morgan](#), **N. Mason**, and M. Maredia. 2020. “Lead-farmer extension and smallholder valuation of new agricultural technologies in Tanzania.” *Food Policy* 97: 101955.
11. *[M. Smale](#), V. Theriault, and **N. Mason**. 2020. “Does subsidizing fertilizer contribute to the diet quality of farm women? Evidence from rural Mali.” *Food Security* 12: 1407-1424.
12. ***N. Mason**, A. Wineman, and S. Tembo. 2020. “Reducing poverty by ‘ignoring the experts’? Evidence on input subsidies in Zambia.” *Food Security* 12: 1157-1172.
13. *[J. Pelletier](#), H. Ngoma, **N. Mason**, and C.B. Barrett. 2020. “Does smallholder maize intensification reduce deforestation? Evidence from Zambia.” *Global Environmental Change* 63: 102127.
14. *[Y. Kusunose](#), **N. Mason**, and S. Tembo. 2020. “The role of liquidity in preventing dis-investment in crop inputs: Evidence from Zambia.” *Journal of African Economies* 29 (4): 375-396.
15. *[W. Fung](#), S. Liverpool-Tasie, **N. Mason**, and R. Uwaifo Oyelere (senior authorship not assigned). 2020. “Do crop purchase programs improve smallholder welfare? The case of Zambia’s Food Reserve Agency.” *Agricultural Economics* 51 (4): 519-533.
16. *[S. Morgan](#), **N. Mason**, and R. Shupp. 2019. “The effects of voice with(out) punishment: Public goods provision and rule compliance.” *Journal of Economic Psychology* 74: 1-16.
17. *[J. Kim](#), **N. Mason**, S. Snapp, and F. Wu. 2019. “Does sustainable intensification of maize production enhance child nutrition? Evidence from rural Tanzania.” *Agricultural Economics* 50 (6): 723-734.
18. *[S. Morgan](#), **N. Mason**, [N.K. Levine](#), and O. Zulu-Mbata. 2019. “Dis-incentivizing sustainable intensification? The case of Zambia’s maize-fertilizer subsidy program.” *World Development* 122: 54-69.
19. *[C. Sauer](#), **N. Mason**, M. Maredia, and R. Mofya-Mukuka. 2018. “Does adopting legume-based cropping practices improve small-scale farm households’ food security? Panel survey evidence from Zambia.” *Food Security* 10 (6): 1463-1478.
20. *[T.S. Jayne](#), **N. Mason**, [W.J. Burke](#), and [J. Ariga](#). 2018. “Taking stock of Africa’s second-generation agricultural input subsidy programs.” *Food Policy* 75: 1-14. (Corresponding author: Burke)
21. ***N. Mason**, [T.S. Jayne](#), and [N. van de Walle](#). 2017. “The political economy of fertilizer subsidy programs in Africa: Evidence from Zambia.” *American Journal of Agricultural Economics* 99 (3): 705-731.
22. *[A. Wineman](#), **N. Mason**, [J. Ochieng](#), and [L. Kirimi](#). 2017. “Weather extremes and household welfare in

- rural Kenya.” *Food Security* 9 (2): 281-300.
23. ***N. Mason**, **A. Wineman**, L. Kirimi, and D. Mather. 2017. “The effects of Kenya’s ‘smarter’ input subsidy program on smallholder behavior and incomes: Do different quasi-experimental approaches lead to the same conclusion?” *Journal of Agricultural Economics* 68 (1): 45-69.
 24. ***N. Mason**, T.S. Jayne, and B. Shiferaw. 2015. “Africa’s rising demand for wheat: Trends, drivers, and policy implications.” *Development Policy Review* 33 (5): 581-613.
 25. T.S. Jayne, D. Mather, **N. Mason**, J. Ricker-Gilbert, and E. Crawford. 2015. “Rejoinder to the comment by Andrew Dorward and Ephraim Chirwa on ‘How do fertilizer subsidy programs affect total fertilizer use in sub-Saharan Africa? Crowding out, diversion, and benefit/cost assessments’.” *Agricultural Economics* 46 (6): 745-755.
 26. *H. Ngoma†, **N. Mason**, and N. Sitko. 2015. “Does minimum tillage with planting basins or ripping raise maize yields? Meso-panel data evidence from Zambia.” *Agriculture, Ecosystems & Environment* 212: 21-29.
 27. ***N. Mason**, T.S. Jayne, and R. Myers. 2015. “Smallholder supply response to marketing board activities in a dual channel marketing system: The case of Zambia.” *Journal of Agricultural Economics* 66 (1): 36-65.
 28. *M. Smale and **N. Mason**. 2014. “Hybrid seed and the economic well-being of smallholder maize farmers in Zambia.” *Journal of Development Studies* 50 (5): 680-695.
 29. *J. Ricker-Gilbert, **N. Mason**, F. Darko†, and S. Tembo. 2013. “What are the effects of input subsidy programs on maize prices? Evidence from Malawi and Zambia.” *Agricultural Economics* 44 (6): 671-686.
 30. ***N. Mason** and M. Smale. 2013. “Impacts of subsidized hybrid seed on indicators of economic well-being among smallholder maize growers in Zambia.” *Agricultural Economics* 44 (6): 659-670.
 31. *T.S. Jayne, D. Mather, **N. Mason**, and J. Ricker-Gilbert. 2013. “How do fertilizer subsidy programs affect total fertilizer use in sub-Saharan Africa? Crowding out, diversion, and benefit/cost assessments.” *Agricultural Economics* 44 (6): 687-703.
 32. ***N. Mason**, T.S. Jayne, and R. Mofya-Mukuka. 2013. “Zambia’s input subsidy programs.” *Agricultural Economics* 44 (6): 613-628.
 33. ***N. Mason** and T.S. Jayne. 2013. “Fertiliser subsidies and smallholder commercial fertiliser purchases: Crowding out, leakage, and policy implications for Zambia.” *Journal of Agricultural Economics* 64 (3): 558-582.
 34. ***N. Mason** and J. Ricker-Gilbert. 2013. “Disrupting demand for commercial seed: Input subsidies in Malawi and Zambia.” *World Development* 45 (May): 75-91. (Senior authorship not assigned. Corresponding author: Ricker-Gilbert)
 35. ***N. Mason** and R. Myers. 2013. “The effects of the Food Reserve Agency on maize market prices in Zambia.” *Agricultural Economics* 44 (2): 203-216.
 36. ***N. Mason**, T.S. Jayne, A. Chapoto, and C. Donovan. 2011. “Putting the 2007/2008 global food crisis in longer-term perspective: Trends in staple food affordability in urban Zambia and Kenya.” *Food Policy* 36 (3): 350–367.
 37. *Chapoto, T.S. Jayne, and **N. Mason**. 2011. “Widows' land security in the era of HIV/AIDS: Panel survey evidence from Zambia.” *Economic Development and Cultural Change* 59 (3): 511-547.
 38. ***N. Mason**, T.S. Jayne, A. Chapoto, and R. Myers. 2010. “A test of the new variant famine hypothesis: Panel survey evidence from Zambia.” *World Development* 38 (3): 356-368.

Table 1. Journals in which I have published, journal impacts factors (JIFs), and other metrics

Journals by subject area category ^a	5-	JIF ^b	Rank within	Cited	Article	Acceptance
<i>Agricultural Economics & Policy (Economics)</i>						
Food Policy	3.68	3.09	1/17 (26/347)	6.1	1.07	8%
Amer. J. of Agricultural Economics	2.21	1.83	2/17 (71/347)	>10.0	0.95	< 10%
Journal of Agricultural Economics	2.09	1.80	4/17 (76/347)	8.7	0.67	20%
Agricultural Economics	2.10	1.76	5/17 (80/347)	9.0	0.69	10%
<i>Planning & Development (Economics)</i>						
World Development	3.35	2.85	5/55 (32/347)	>10.0	1.32	14%
Journal of Development Studies	1.52	1.13	31/55 (139/347)	9.6	0.65	12%
Econ. Development & Cultural	1.51	0.88	39/55 (185/347)	>10.0	1.30	9%
Development Policy Review	1.07	0.70	44/55	8.6	0.40	20%
<i>Agriculture - Multidisciplinary</i>						
Agric., Ecosystems & Environment	4.68	4.10	1/56	8.1	1.19	--
<i>Other Multidisciplinary</i>						
Food Security	2.72	2.27	N/A	4.0	0.75	20%

Sources: 5-year JIF through Article influence score values are from ISI Journal Citation Reports (2016). Acceptance rates are per Abdulai (personal communication, 2018), Bellemare (personal communication, 2018), Cabell's International (2015), Lusk (2017), McKenzie (2018), and Strange (personal communication, 2018).

Notes: Acceptance rate years vary from 2015 to 2017 based on availability. All other values in Table 1 are for 2016. -- Information not available. ^a Second category in parentheses where applicable. ^b JIFs vary widely across disciplines; for example, the average JIF in 2016 in Agricultural Economics & Policy was 1.21 whereas it was 3.17 in Medicine (General & Internal).

Papers Submitted to Journals

Underline indicates MSU advisee († indicates graduate student at another university) at the time of research

1. M. Maredia, J. Farris., **N. Mason**, and S. Morgan. "Do free trial packs increase the adoption of agricultural technologies? Experimental evidence from Tanzania." Revisions requested at *Agricultural Economics*.
2. Y. Lee, E. Bryant, **N. Mason**, I. Hassen, V. Theriault, and C. Ringler. "The impacts of small-scale irrigation on women's time allocation in Ethiopia." Revisions under review at *World Development*.
3. S. Liverpool-Tasie, M. Gurm, **N. Mason**, and J. Tambo. "The changing landscape of Africa's fertilizer market: Implications for research and policy." Under review.

Papers in Progress

Underline indicates MSU advisee († indicates graduate student at another university) at the time of research

1. **N. Mason**, A. Kuteya, D. Resnick, V. Caputo, M. Maredia, R. Shupp, and H. Ngoma. "Smallholder farmers' and other agricultural sector stakeholders' priorities for government spending: Evidence from Zambia."
2. **N. Mason**, D. Tossou†, K. Baylis, A. Kuteya, and H. Ngoma. "Do flexible e-voucher programs outperform traditional input subsidy programs? Quasi-experimental evidence from Zambia."
3. S. Morgan, **N. Mason**, and R. Shupp. "Agricultural innovation and technology adoption: Incentives for delay reconsidered."
4. C. Biedny, **N. Mason**, V. Caputo, A. Nord., A. Staples, V. Morrone, J. Herrick, V. Bado, and S. Snapp. "Combatting hardened soils for agricultural productivity: Farmer preferences for soil and water conservation methods in Niger."
5. S. Morgan, J. Farris, M. Maredia, **N. Mason**, and D. Ortega. "Personality traits and smallholder farmers' willingness to pay for new technologies: Evidence from Tanzanian bean producers."

6. D. Kwon, R. Myers, and **N. Mason**. “How do input subsidy programs affect smallholder households’ dietary diversity? Evidence from Zambia.”
7. D. Kwon, S. Liverpool-Tasie, T. Reardon, **N. Mason**, and O. Tasie. “Addressing conflict and weather shocks in agrifood value chains: Policy preferences of Nigerian maize traders.”
8. M. Maredia, J. Olwande, J. Ricker-Gilbert, D. Mather, and **N. Mason**. “Kenyan farmers’ perspectives on policy priorities during economic crisis and stability: Evidence from a best-worst scaling experiment.”

Book Chapters

- *T.S. Jayne, N. Sitko, **N. Mason**, and D. Skole. 2018. “Input subsidy programs and climate smart agriculture: Current realities and potential.” In David Zilberman, Leslie Lipper, Nancy McCarthy, D. Zilberman, Solomon Asfaw, and Giacomo Branca, eds., *Climate Smart Agriculture: Building Resilience to Climate Change*. New York, NY: Springer.
- ***N. Mason** and M. Smale. 2017. “Impacts of subsidized hybrid seed on indicators of economic well-being among smallholder maize growers in Zambia.” In Machiko Nissanke and Muna Ndulo, eds. *Poverty Reduction in the Course of African Development*. New York, NY: Oxford University Press.
- N. Mason**, T.S. Jayne, C. Donovan, and A. Chapoto. 2011. “Are staple foods becoming more expensive for urban consumers in eastern and southern Africa? Trends in food prices, marketing margins, and wage rates in Kenya, Malawi, Mozambique, and Zambia.” In David R. Lee and Muna B. Ndulo, eds., *The Food and Financial Crises in Sub-Saharan Africa: Origins, Impacts and Policy Implications*. Cambridge, MA: CABI.

Selected Technical Reports/Working Papers (complete list available upon request)

Underline indicates MSU advisee († indicates graduate student at another university) at the time of research

- L. Steinhübel†, A. Wenzel, P. Hulaman, S. von Cramon-Taubadel, and **N. Mason**. 2021. “The role of space and time in the interaction of farmers’ management decisions and bee communities: Evidence from south India.” Discussion Paper No. 2103. Department of Agricultural Economics and Rural Development, Georg-August University of Göttingen. Göttingen, Germany.
- N. Mason**, C. Biedny, S. Snapp, J.C. Rubyogo, J. Lwehabura, and A. Nord. 2020. “Demonstration plots, seed trial packs, bidirectional learning, and modern input sales: Evidence from a field experiment in Tanzania.” Working paper. Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. Kansas State University. Manhattan, KA.
- H. Ngoma, M.K. Maredia, **N. Mason**, M. Muyanga, and A. Chapoto. 2020. “Changes in stakeholder perceptions of the quality of institutional architecture and quality of agriculture and food security policy processes in Zambia.” Research Paper. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- N. Mason**, A. Kuteya, H. Ngoma, D.A. Tossou†, and K.R. Baylis. 2020. “Does shifting to a flexible e-voucher approach improve input subsidy program outcomes? Quasi-experimental evidence from Zambia’s Crop Forecast Surveys.” Research Paper No. 165. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- A. Melkani, **N. Mason**, D.L. Mather, and B. Chisanga†. 2019. “Smallholder maize market participation and choice of marketing channel in the presence of liquidity constraints: Evidence from Zambia.” Research Paper No. 161. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- M.O. Bellinger, M. Muyanga, D. Mather, H. Machina, and **N. Mason**. 2019. “Correlations between land and opportunity access and migration status among youth and young adults: Evidence from Zambia.” Research Paper No. 160. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- W.J. Burke, S.N. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. 2019. “Beyond the “inverse relationship”: Area mismeasurement affects actual productivity, not just how we understand it.” Research Paper No. 159. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.

- J. Snyder, T.S. Jayne, J. Chamberlin, P. Samboko, and **N. Mason**. 2019. "Can agricultural productivity growth shape the development of the non-farm rural economy? Geographically localized evidence from Zambia." Research Paper No. 158. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- N. Mason**, A. Kuteya, D. Resnick, V. Caputo, M. Maredia, R. Shupp, and H. Ngoma. 2019. "Smallholder farmers' and other agricultural sector stakeholders' priorities for government spending: Evidence from Zambia." Research Paper No. 155. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- J. Snyder, T.S. Jayne, **N. Mason**, and P. Samboko. 2019. "Agricultural productivity and rural household incomes: Micro-level evidence from Zambia." Research Paper No. 151. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI.
- J. Kim, **N. Mason**, D. Mather, and F. Wu. 2019. "The effects of the National Agricultural Input Voucher Scheme (NAIVS) on sustainable intensification of maize production in Tanzania." Working paper. Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. Kansas State University. Manhattan, KA.
- J. Kim, **N. Mason**, F. Wu, and S. Snapp. 2019. "The impacts of sustainable intensification of maize production on household crop income, productivity, and food access in rural Tanzania." Working paper. Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. Kansas State University. Manhattan, KA.
- H. Ngoma, **N. Mason**, P. Samboko, and P. Hangoma. 2018. "Switching up climate-smart agriculture adoption: Do 'green' subsidies, insurance, risk aversion and impatience matter?" Working paper No. 146. Indaba Agricultural Policy Research Institute Lusaka, Zambia.
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- D. Resnick and **N. Mason**. 2016. "What drives input subsidy policy reform? The case of Zambia, 2002-2016." Research Paper No. 28. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. <http://ageconsearch.umn.edu/handle/246951>
- T.S. Jayne, **N. Mason**, W.J. Burke, and J. Ariga. 2015. "Agricultural input subsidy programs in Africa: An assessment of recent evidence." Background paper prepared for the World Bank flagship report by A. Goyal and J. Nash. 2017. *Reaping Richer Returns: Public Spending Priorities for African Agriculture Productivity Growth*. Washington, DC: The World Bank.
- N. Mason**, W. Burke, A. Shipekesa, and T.S. Jayne. 2011. "The 2011 surplus in smallholder maize production in Zambia: drivers, beneficiaries, and implications for agricultural and poverty reduction policies." Working Paper No. 58. Food Security Research Project. Lusaka, Zambia. <http://www.aec.msu.edu/fs2/zambia/wp58.pdf>
- C. Nkonde, **N. Mason**, N. Sitko, and T.S. Jayne. 2011. "Who gained and who lost from Zambia's 2010 maize marketing policies?" Working Paper No. 49. Food Security Research Project. Lusaka, Zambia. <http://www.aec.msu.edu/fs2/zambia/wp49.pdf>
- N. Mason** and T.S. Jayne. 2009. "Staple food consumption patterns in urban Zambia: Results from the 2007/2008 Urban Consumption Survey." Working Paper No. 42. Food Security Research Project. Lusaka, Zambia. <http://aec.msu.edu/fs2/zambia/wp42.pdf>

Policy Briefs and White Papers

Underline indicates MSU advisee at the time of research

- C. Biedny and **N. Mason**. 2021. “What factors influence farmers’ use of erosion control methods and fertilizers in Niger?” Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium. Policy Brief. Kansas State University. Manhattan, KA.
- C. Biedny and **N. Mason**. 2020. “Insights on farmer practices in Niger: Preliminary findings on erosion and soil fertility management from LSMS-ISA data.” Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium. Policy Brief. Kansas State University. Manhattan, KA.
- N. Mason**, C. Biedny, S. Snapp, J.C. Rubyogo, J. Lwehabura, and A. Nord. 2020. “Demonstration plots, seed trial packs, bidirectional learning, and modern input sales: Evidence from a field experiment in Tanzania.” Policy Brief. Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. Kansas State University. Manhattan, KA.
- H. Ngoma, M.K. Maredia, **N. Mason**, M. Muyanga, and A. Chapoto. 2020. “Changes in stakeholder perceptions of the quality of institutional architecture and quality of agriculture and food security policy processes in Zambia.” Policy Research Brief No. 110. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP_Policy_Brief_110ac.pdf
- N. Mason**, A. Kuteya, H. Hgoma, D.A. Tossou†, and K.R. Baylis. 2020. “Did the e-voucher approach to Zambia’s Farmer Input Support Programme (FISP) outperform the traditional FISP? Evidence from the Crop Forecast Surveys.” Policy Research Brief No. 109. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP_Policy_Brief_109ae.pdf
- M.O. Bellinger, M. Muyanga, D. Mather, H. Machina, and **N. Mason**. 2019. “Land and opportunity access: Migration drivers for youth and young adults in rural Zambia.” Policy Research Brief No. 112. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. https://www.canr.msu.edu/fsp/publications/peer-reviewed-publications/FSP_Policy_Brief_112ac.pdf
- A. Melkani, **N. Mason**, D.L. Mather, and B. Chisanga†. 2019. “Smallholder maize market participation and choice of marketing channel in the presence of liquidity constraints: Evidence from Zambia.” Policy Research Brief No. 108. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP_Policy_Brief_108ac.pdf
- D. Kwon, R.J. Myers, **N. Mason**, and P. Samboko. 2019. “Can maize price stabilization reduce malnutrition and save lives? The case of the Zambia Food Reserve Agency.” Policy Research Brief No. 107. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP_Policy_Brief_107.pdf
- W.J. Burke, S.N. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. 2019. “Area mismeasurement impact on farmers’ input choices and productivity.” Policy Research Brief No. 106. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. <https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP%20Policy%20Brief%20106ac.pdf>
- J. Snyder, T.S. Jayne, **N. Mason**, & P. Samboko. 2019. “Agricultural productivity and rural household incomes: Micro-level evidence from Zambia.” Policy Research Brief No. 105. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. <https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP%20Policy%20Brief%20105ac.pdf>
- J. Snyder, T.S. Jayne, J. Chamberlin, P. Samboko, and **N. Mason**. 2019. “Can agricultural productivity growth shape the development of the non-farm rural economy? Geographically localized evidence from Zambia.” Policy Research Brief No. 104. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. <https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP%20Policy%20Brief%20104ac.pdf>
- N. Mason**, A. Kuteya, D. Resnick, V. Caputo, M. Maredia, R. Shupp, and H. Ngoma. 2019. “Smallholder farmers’ and other agricultural sector stakeholders’ priorities for government spending: Evidence from

- Zambia.” Policy Research Brief No. 103. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. [https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP%20Policy%20Brief%20103ac\(1\).pdf](https://www.canr.msu.edu/fsp/publications/policy-research-briefs/FSP%20Policy%20Brief%20103ac(1).pdf)
- J. Kim, N. Mason, S. Snapp, and F. Wu.** 2019. “Does sustainable intensification of maize production enhance child nutrition? Evidence from rural Tanzania.” Policy Brief. Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. Kansas State University. Manhattan, KA. <http://globalchangescience.org/eastafricanode/wp-content/uploads/2019/08/Kim-et-al-2019-SIIL-Policy-Brief-SI-child-nutrition-final.pdf>
- T.S. Jayne, N. Mason, W. Burke, and J. Ariga.** 2017. “Taking stock of Africa’s second-generation agricultural input subsidy programs, 2000-2015.” Policy Research Brief No. 34. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. http://foodsecuritypolicy.msu.edu/uploads/resources/Policy_Brief_34.pdf
- D. Resnick, D. Mather, N. Mason, and D. Ndyetabula.** 2017. “What drives agricultural input subsidy reform in Africa? Applying the Kaleidoscope Model of food security policy change.” Policy Research Brief No. 27. Feed the Future Innovation Lab for Food Security Policy. East Lansing, MI. http://foodsecuritypolicy.msu.edu/uploads/resources/Policy_Brief_27.pdf
- T.S. Jayne, N. Sitko, N. Mason, and D. Skole.** 2016. “Can input subsidy programs promote climate smart agriculture in Africa?” Policy Synthesis Number 93 for Cooperating USAID Offices and Country Missions. http://fsg.afre.msu.edu/number_93.pdf
- A. Wineman, J. Ochieng, L. Kirimi, and N. Mason.** 2015. “Let it rain: Weather extremes and household welfare in Kenya.” Policy Brief No. 17. Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya. http://www.tegemeo.org/images/downloads/publications/policy_briefs/Policy_Brief17.pdf
- N. Mason, A. Wineman, L. Kirimi, and D. Mather.** 2015. “The effects of Kenya’s ‘smarter’ input subsidy program on crop production, incomes, and poverty.” Policy Brief No. 11. Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya. http://www.tegemeo.org/images/downloads/publications/policy_briefs/Policy%20Brief%20No.%2011.pdf
- N. Mason and S. Tembo.** 2015. “Is the Farmer Input Support Program (FISP) reducing poverty among smallholder farm households in Zambia?” Policy Brief No. 71. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_71.pdf
- A. Chapoto, B. Zulu, C. Kabaghe, N. Sitko, N. Mason, T.S. Jayne, et al.** 2015. “White paper for the new Minister of Agriculture and Livestock: Opportunities and Challenges in Enhancing Agriculture in Zambia.” Indaba Agricultural Policy Research Institute. Lusaka, Zambia.
- N. Mason, J. Chamberlin, C. Kabaghe, B. Zulu, and R. Mofya-Mukuka.** 2014. “Fact sheet for the new Minister of Agriculture & Livestock on Zambia's Farmer Input Support Program.” Indaba Agricultural Policy Research Institute. Lusaka, Zambia.
- N. Mason, J. Chamberlin, C. Kabaghe, B. Zulu, and R. Mofya-Mukuka.** 2014. “Fact sheet for the new Minister of Agriculture & Livestock on Zambia's Food Reserve Agency.” Indaba Agricultural Policy Research Institute. Lusaka, Zambia.
- R. Mofya-Mukuka, S. Kabwe, A. Kuteya, and N. Mason.** 2013. “How can the Zambian government improve the targeting of the Farmer Input Support Program?” Policy Brief No. 59. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_59_rev.pdf
- N. Mason and T.S. Jayne.** 2012. “Fertilizer subsidies and smallholder commercial fertilizer purchases: Crowding out, leakage, and policy implications for Zambia.” Policy Brief No. 58. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_58.pdf
- N. Mason, T.S. Jayne, and R. Myers.** 2012. “Zambian smallholder behavioral responses to Food Reserve Agency Activities.” Policy Brief No. 57. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_57.pdf

- N. Mason** and R. Myers. 2011. “The effects of the Food Reserve Agency on maize market prices in Zambia.” Policy Synthesis No. 50. Food Security Research Project. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_50.pdf
- T.S. Jayne, **N. Mason**, W. Burke, A. Shipekesa, A. Chapoto, and C. Kabaghe. “Mountains of maize, persistent poverty.” 2011. Policy Synthesis No. 48. Food Security Research Project. Lusaka, Zambia. http://fsg.afre.msu.edu/zambia/ps_48.pdf
- N. Mason** and T.S. Jayne. 2009. “Staple food consumption patterns in urban Zambia: Results from the 2007/2008 Urban Consumption Survey.” Policy Synthesis No. 36. Food Security Research Project. Lusaka, Zambia. <http://fsg.afre.msu.edu/zambia/ps36.pdf>
- N. Mason**, A. Chapoto, T.S. Jayne, and R. Myers. 2007. “HIV/AIDS and agrarian livelihoods in Zambia: A test of the new variant famine hypothesis.” Policy Synthesis No. 23. Food Security Research Project. Lusaka, Zambia. <http://fsg.afre.msu.edu/zambia/ps23.pdf>
- A. Chapoto, T.S. Jayne, and **N. Mason**. 2007. “Security of widows’ access to land in the era of HIV/AIDS: Panel survey evidence from Zambia.” Policy Synthesis No. 22. Food Security Research Project. Lusaka, Zambia. <http://fsg.afre.msu.edu/zambia/ps22.pdf>

Popular Press Articles and Media Coverage

- N. Mason**, B. Diagana, C. Jumbe, K. Kuhlmann, and M. Wanzala-Mlobela. “Beyond fertilizer subsidies: How can African governments support private sector investment in fertilizer value chains?” *Fertilizer Focus*, May/June 2019 issue. Invited article. *Fertilizer Focus* is a magazine on the global fertilizer industry geared toward senior industry executives in over 90 countries.
- CNN article, “What Trump and African leaders should know about food security”, on Jul. 9, 2018, included a link to the 2013 special issue of *Agricultural Economics* (Vol. 44, Issue 6) on “Input Subsidy Programs in Sub-Saharan Africa”, which featured four journal articles for which I was the lead author or a co-author. <https://www.cnn.com/2018/07/09/opinions/global-food-security-act-africa-opportunity-mogues/index.html>
- Interviewed by Food Tank and our *Food Policy* article, “Taking stock of Africa’s second-generation agricultural input subsidy programs”, was highlighted in a Apr. 19, 2018 article on the Food Tank website entitled, “Rebuilding agricultural subsidies from the ground up.” <https://foodtank.com/news/2018/04/africa-agricultural-subsidies/>
- Interviewed by Liam Taylor of *The Economist* magazine on Apr. 5, 2017 about my work on fertilizer subsidy programs in Africa; he highlighted my research findings related to Zambia’s fertilizer subsidy program in his July 1, 2017 article in *The Economist* entitled, “Lost in the maize: Why fertiliser subsidies in Africa have not worked.” <https://www.economist.com/news/middle-east-and-africa/21724415-good-intentions-poor-results-why-fertiliser-subsidies-africa-have-not-worked>
- T.S. Jayne, **N. Mason**, W. Burke, A. Shipekesa, A. Chapoto, and C. Kabaghe. “Mountains of maize, persistent poverty.” *Zambia Analysis*. Lusaka, Zambia. Nov. 2011.

Presentations

* indicates presenter, underline indicates MSU advisee or research assistant († indicates graduate student at another university) at the time of research

1. ***N. Mason**. “AFRE graduate student well-being, mental health, and mentoring relationships with faculty: Observations, concerns, and suggested ways forward.” Presentation to the AFRE Committee on Culture, Access, and Belonging. October 24, 2024.
2. *Olwande, J., L. Kirimi, N. Odhiambo, and **N. Mason**. “Willingness to pay for soil tests on smallholder farms in Kenya.” Stakeholder Conference. Nairobi, Kenya. Oct. 29, 2024.
3. *Maredia, M., J. Olwande, J. Ricker-Gilbert, D. Mather, and **N. Mason**. “Kenyan farmers’ agricultural and food policy preferences in times of very high fertilizer and food prices vs. normal prices.” Presentation at the organized symposium on “Recent Fertilizer Price Spikes in Sub-Saharan Africa: Policy Responses and

- Lessons for Sustainable Supply-Chains” at the International Conference of Agricultural Economists. New Delhi, India. Aug. 7, 2024.
4. *Olwande, J., L. Kirimi, N. Odhiambo, and **N. Mason**. “Willingness to pay for soil testing and impact of soil test information on smallholder farms in Kenya: Baseline and WTP results.” Selected paper presented at the International Conference of Agricultural Economists. New Delhi, India. Aug. 6, 2024.
 5. *Y. Lee, **N. Mason**, and E. Bryan. “Gender-differentiated impacts of small-scale irrigation on time allocation and control over income: Evidence from Ethiopia.” Selected paper presented at the organized symposium on Nutrition, Inequality, Gender, and Food Security, Agricultural & Applied Economics Association annual meeting. New Orleans, LA. Jul. 29, 2024.
 6. D. Kwon, S. Liverpool-Tasie, T. Reardon, ***N. Mason**, and O. Tasie. “Addressing conflict and weather shocks in agrifood value chains: Policy preferences of Nigerian maize traders.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. New Orleans, LA. Jul. 29, 2024.
 7. *Y. Lee, **N. Mason**, and E. Bryan. “Does small-scale irrigation affect women’s and men’s time allocation differently? Gender-responsive analysis from Ethiopia.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. New Orleans, LA. Jul. 29, 2024.
 8. *M. Maredia, J. Olwande, J. Ricker-Gilbert, D. Mather, and **N. Mason**. “Kenyan farmers’ agricultural and food policy preferences in times of very high fertilizer and food prices vs. normal prices.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. New Orleans, LA. Jul. 29, 2024.
 9. *Olwande, J., L. Kirimi, N. Odhiambo, and **N. Mason**. “Willingness to pay for soil tests on smallholder farms in Kenya.” ALL-IN Project Technical Meeting. Washington, DC. May 31, 2024.
 10. *Y. Lee, E. Bryan, **N. Mason**, I. Hassen, V. Theriault, and C. Ringler. “The impact of small-scale irrigation on women’s time allocation in Ethiopia.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Washington, DC. Jul. 24, 2023.
 11. *J. Olwande, L. Kirimi, N. Odhiambo, and **N. Mason**. “Willingness to pay for soil testing and impact of soil test information on demand for soil acidity management technologies on smallholder farmers in Kenya.” Presentation at the Evidence to Action 2022 conference. Kampala, Uganda. Sep. 27, 2022.
 12. *M. Maredia, J. Farris, **N. Mason**, and S. Morgan. “Overview of impact evaluation methods and an example of application of RCT to assess the effectiveness of free trial pack distribution extension program in Tanzania.” Invited presentation at a seminar jointly organized by the Centre for Dryland Agriculture, Bayero University Kano, in collaboration with the International Crop Research Institute for the Semi-Arid Tropics (ICRISAT) and International Institute for Tropical Agriculture (IITA), Kano, Nigeria. Aug. 11, 2022.
 13. *M. Maredia, J. Farris, **N. Mason**, and S. Morgan. “Effectiveness of farmer-led extension that combines demonstration plots and free trial packs: A field experiment in Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Anaheim, CA. Aug. 2, 2022.
 14. *D. Kwon, R. Myers, and **N. Mason**. “How do input subsidy programs affect smallholder households’ dietary diversity? Evidence from Zambia.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Anaheim, CA. Aug. 1, 2022.
 15. *A. Melkani, **N. Mason**, D. Mather, B. Chisanga, and T.S. Jayne. “Smallholder market participation and choice of marketing channel in the presence of liquidity constraints: Evidence from Zambian maize markets.” Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Virtual. Aug. 28, 2021.
 16. *L. Steinhübel, A. Wenzel, P. Hulaman, S. von Cramon-Taubadel, and **N. Mason**. “The role of space and time in the interaction of farmers’ management decisions and bee communities: Evidence from south India.” Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Virtual. Aug. 23, 2021.
 17. *C. Biedny, **N. Mason**, V. Caputo, and S. Snapp. “Combatting hardened soils for agricultural productivity: A proposal for measuring farmer preferences for soil and water conservation methods in Dosso, Niger.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Hybrid. Aug. 1-13, 2021.

18. *Y. Lee, **N. Mason**, and G. Berhane. “The gender-differentiated effects of public works programs on time use: Evidence from Ethiopia’s Productive Safety Net Program.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Hybrid. Aug. 1-13, 2021.
19. *J. Pelletier, C.B. Barrett, H. Ngoma, **N. Mason**, A. Trainor, K. Mbindo, J. Lehmann, D. Bossio, T. Hengl, J. Sanderman, A. Paquette, and W. Roberts. “The contribution of forests and the challenges to address deforestation: Evidence from Zambia.” Eye on Africa seminar, African Studies Center, Michigan State University. Virtual. Jan. 28, 2021.
20. *C. Biedny and **N. Mason**. “Insights on farmer practices from survey data.” (Description: Insights on the prevalence of erosion problems and farmers’ use of various practices to control erosion in Niger from the LSMS-ISA surveys.) Presentation and video recording for extension agents in Niger. Virtual. Oct. 15, 2020.
21. *A. Melkani, **N. Mason**, D. Mather, B. Chisanga, and T.S. Jayne. “Smallholder market participation and choice of marketing channel under liquidity constraints: Evidence from the Zambian maize market.” Invited seminar for the Indaba Agricultural Policy Research Institute, Lusaka, Zambia. Virtual. Aug. 19, 2020.
22. *A. Melkani, **N. Mason**, M. Wanzala-Mlobela, and S. Liverpool-Tasie. “Does reducing import-related transaction costs increase fertilizer imports? Evidence from a cross-country analysis.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Virtual. Aug. 10-11, 2020.
23. *C. Biedny, **N. Mason**, J.C. Rubyogo, J. Lwehabura, A. Nord, and S. Snapp. “Demonstration plots, seed trial packs, bidirectional learning, and modern input sales: Evidence from a field experiment in Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Virtual. Aug. 10-11, 2020.
24. W. Burke, *S. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. “Beyond the ‘inverse relationship: Area mismeasurement affects actual productivity, not just how we understand it.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Virtual. Aug. 11, 2020.
25. *H. Ngoma, **N. Mason**, P. Samboko, and P. Hangoma. “Switching up climate-smart agriculture adoption: Do ‘green’ subsidies, insurance, risk aversion and impatience matter?” Selected paper presented at the 25th annual conference of the European Association of Environmental and Resource Economists. Virtual. Jun. 26, 2020.
26. ***N. Mason**, C. Biedny, J. Kim, S. Snapp, J.C. Rubyogo, J. Lwehabura, A. Nord, S. Morgan, and M. Maredia. “Key findings from SIIL Tanzania Objectives 2 (bidirectional learning) and 3 (SI-nutrition linkages).” Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL) – Tanzania virtual meeting. Jun. 15, 2020.
27. W. Burke, *S. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. “Beyond the ‘inverse relationship: Area mismeasurement affects actual productivity, not just how we understand it.” Selected paper presented at the 17th Midwest International Economic Development Conference. Virtual. Apr. 17, 2020.
28. W. Burke, *S. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. “Beyond the ‘inverse relationship: Area mismeasurement affects actual productivity, not just how we understand it.” Selected paper presented at the Centre for the Study of African Economies Conference on Economic Development in Africa. Virtual. Mar. 24, 2020.
29. W. Burke, *S. Morgan, T. Namonje, M. Muyanga, and **N. Mason**. “Beyond the ‘inverse relationship: Area mismeasurement affects actual productivity, not just how we understand it.” Invited seminar. Department of Agricultural and Applied Economics, University of Georgia, Athens, GA. Feb. 19, 2020.
30. *J. Pelletier, H. Ngoma, **N. Mason**, and C. Barrett. “Does smallholder agricultural intensification reduce deforestation? Evidence from Zambia.” Invited presentation, Institute for African Development Special Topic Seminar Series. Cornell University, Ithaca, NY. Feb. 6, 2020.
31. **N. Mason**, *A. Kuteya, H. Ngoma, D.A. Tossup†, and K.R. Baylis. “Did the e-FISP outperform the traditional FISP during the e-FISP pilot years? Evidence from the Crop Forecast Surveys.” Presentation at the IAPRI/MSU Research Results Dissemination Meeting. IAPRI, Lusaka, Zambia. Jan. 13, 2020.
32. *M. Bellinger, M. Muyanga, D. Mather, H. Machina, and **N. Mason**. “The role of land access and nonfarm activities in youth and young adult outmigration: Evidence from rural Zambia.” Presentation at the IAPRI/MSU Research Results Dissemination Meeting. IAPRI, Lusaka, Zambia. Jan. 13, 2020.

33. **N. Mason**, A. Kuteya, D. Resnick, V. Caputo, M.K. Maredia, R. Shupp, and *H. Ngoma. “Zambian smallholder farmers’ and other stakeholders’ agricultural sector policy preferences.” Presentation at the IAPRI/FSP Policy Outreach Breakfast Meeting. Taj Pamodzi Hotel, Lusaka, Zambia. Dec. 5, 2019.
34. *H. Ngoma, M.K. Maredia, **N. Mason**, M. Muyanga, and A. Chapoto. “Changes in stakeholder perceptions of the quality of institutional architecture and quality of agriculture and food security policy processes in Zambia.” Presentation at the IAPRI/FSP Policy Outreach Breakfast Meeting. Taj Pamodzi Hotel, Lusaka, Zambia. Dec. 5, 2019.
35. J. Snyder, T.S. Jayne, **N. Mason**, and *P. Samboko. “Agricultural Productivity and Rural Household Incomes: Household Survey Evidence from Zambia.” Selected paper presented at the Sustainability and Development conference. University of Michigan, Ann Arbor, MI. Oct. 13, 2019.
36. *A. Melkani, **N. Mason**, B. Chisanga, and D. Mather. “Market participation and choice of marketing channel under liquidity constraints: Evidence from the Zambian maize market.” Presentation at the Graduate Student Organization Brown Bag Seminar Series, Department of Agricultural, Food, and Resource Economics, Michigan State University. East Lansing, MI. Sep. 24, 2019.
37. *T.S. Jayne, H. Ngoma, W. Burke, J. Ariga, S. Liverpool-Tasie, **N. Mason**, E. Crawford, J. Ricker-Gilbert, the Indaba Agricultural Policy Research Institute, and the Tegemeo Institute of Agricultural Policy and Development. “Input subsidy programs in Africa: What is the way forward?” Invited presentation at the Leadership for Agriculture Platform meeting. Accra, Ghana. Sep. 2, 2019.
38. *C. Biedny, **N. Mason**, S. Snapp, A. Nord, J.C. Rubyogo, and J. Lwehabura. “Bean mother demos vs. mother+baby demos impacts on bidirectional learning and input sales, farmer use, and willingness-to-pay: Evidence from Tanzania.” Presentation at the Final Outreach Workshop for Objective 2 of the Sustainable Intensification Innovation Lab Tanzania project (Objective 2). Mbeya, Tanzania. Aug. 29, 2019.
39. **S. Morgan**, **N. Mason**, and M. Maredia. “Do different extension approaches affect smallholder farmers’ willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania.” Presentation at the Final Outreach Workshop for Objective 2 of the Sustainable Intensification Innovation Lab Tanzania project (Objective 2). Mbeya, Tanzania. Aug. 29, 2019.
40. **J. Farris**, M. Maredia, **N. Mason**, and D. Ortega. “Effectiveness of lead-farmer extension in Tanzania: The role of personality and physical distance.” Presentation at the Final Outreach Workshop for Objective 2 of the Sustainable Intensification Innovation Lab Tanzania project (Objective 2). Mbeya, Tanzania. Aug. 29, 2019.
41. *J. Pelletier, **N. Mason**, H. Ngoma, and C. Barrett. “Does the use of modern agricultural inputs by smallholder farmers reduce deforestation? Evidence for Zambia.” Selected paper presented at the 5th annual Forests and Livelihoods: Assessment, Research, and Engagement (FLARE) meeting. University of Michigan. Ann Arbor, MI. Aug. 23, 2019.
42. ***J. Kim** and **N. Mason**. “The impacts of sustainable intensification of maize production on household crop income, productivity, and food access in rural Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 23, 2019.
43. ***J. Kim**, **N. Mason**, and D. Mather. “The effects of the National Agricultural Input Voucher Scheme (NAIVS) on sustainable intensification of maize production in Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 22, 2019.
44. ***J. Farris**, M. Maredia, **N. Mason**, and D. Ortega. “Effectiveness of lead-farmer extension in Tanzania: The role of personality and physical distance.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 22, 2019.
45. ***A. Melkani**, **N. Mason**, and B. Chisanga. “How do farmers choose to whom to sell? Evidence from the Zambian maize market.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 22, 2019.
46. ***S. Morgan**, **N. Mason**, R. Shupp, and R. Myers. “Does innovation drive delay? Evidence from a technology adoption experiment.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 22, 2019.
47. *J. Snyder, T.S. Jayne, **N. Mason**, and P. Samboko. “Spillover effects of agricultural productivity on rural household incomes: Evidence from Zambia.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Atlanta, GA. Jul. 22, 2019.

48. ***N. Mason**, A. Kuteya, V. Caputo, and D. Resnick. “What farmers want: Mapping Zambian smallholders’ agricultural policy preferences.” Invited virtual seminar at the Indaba Agricultural Policy Research Institute. Lusaka, Zambia. May 7, 2019.
49. ***S. Morgan**, **N. Mason**, and M. Maredia. 2019. “Farmer-led extension and smallholder valuation of new agricultural technologies in Tanzania.” Selected paper presented at the 16th Midwest International Economic Development Conference, Pyle Center, University of Wisconsin-Madison. Madison, WI. April 27, 2019.
50. *R. Uwaifo Oyelere, W. Fung, S. Liverpool-Tasie, and **N. Mason** (senior authorship not assigned). “Direct and indirect effects of crop purchase programs on smallholder welfare: Evidence from Zambia.” Selected paper presented at the Conference on Challenges in Development, Georgia Tech. Atlanta, GA. April 26, 2019.
51. ***N. Mason**. “Soil health partnerships.” Invited panelist at the symposium, “From the Ground Up: Improving Soil Health in Africa through Partnership.” Michigan State University. E. Lansing, MI. Apr. 19, 2019.
52. *J. Snyder, T.S. Jayne, **N. Mason**, and P. Samboko. “Agricultural productivity and rural household incomes: Micro-level evidence from Zambia.” Invited seminar at the Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Apr. 5, 2019.
53. ***N. Mason**. Launch of the Sustainable Opportunities to Improve Livelihoods with Soils (SOILS) Consortium. USAID. Invited panelist. Washington, DC. Mar. 15, 2019.
54. *L. Steinhuebel†, A. Wenzel, S. von Cramon-Taubadel, and **N. Mason**. “The effect of agricultural management practices on pollinator abundance and richness: A spatial analysis.” Presentation at the Graduate Student Organization Brown Bag Seminar Series, Department of Agricultural, Food, and Resource Economics, Michigan State University. East Lansing, MI. Feb. 19, 2019.
55. *R. Uwaifo Oyelere, W. Fung, S. Liverpool-Tasie, and **N. Mason** (senior authorship not assigned). “Direct and indirect effects of crop purchase programs on smallholder welfare: Evidence from Zambia.” Invited presentation at the annual Academic Colloquia Monthly Exchange Lecture Series, Agness Scott College. Decatur, GA. Nov. 29, 2018.
56. ***S. Morgan**, **N. Mason**, and M. Maredia. “Private extension services and farmer valuation of new technologies: Evidence from experimental auctions in Tanzania.” Sustainability and Development Conference. Ann Arbor, MI. November 10, 2018.
57. ***S. Morgan**, **N. Mason**, and M. Maredia. “Private extension services and farmer valuation of new technologies: Evidence from experimental auctions in Tanzania.” University of Florida Food and Resource Economics Department Seminar. Gainesville, FL. October 26, 2018.
58. ***S. Morgan**, **N. Mason**, and M. Maredia. “Do different extension approaches affect smallholder farmers’ willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania.” University of Florida Food and Resource Economics Department Seminar. Gainesville, FL. September 25, 2018.
59. ***N. Mason**, D.A. Tossup, K. Baylis, A. Kuteya, and H. Ngoma. “Does shifting from in-kind input distribution to a flexible e-voucher approach improve input subsidy program outcomes? Evidence from Zambia.” Invited presentation, Applied Microeconomics and Development Seminar. International Food Policy Research Institute. Washington, DC. Sep. 20, 2018.
60. ***N. Mason**, D. Resnick, V. Caputo, and A. Kuteya. “What farmers want: Mapping Zambian smallholders’ agricultural policy preferences.” Paper presented at the track session on “Recent developments in using choice experiments to elicit producer and consumer preferences in Africa.” Agricultural & Applied Economics Association annual meeting. Washington, DC. Aug. 7, 2018.
61. ***S. Morgan**, **N. Mason**, and M. Maredia. “Do different extension approaches affect smallholder farmers’ willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Washington, DC. Aug. 7, 2018.
62. ***J. Kim**, **N. Mason**, and S. Snapp. “Does sustainable intensification of maize production enhance child nutrition? Evidence from rural Tanzania.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. Washington, DC. Aug. 6, 2018.

63. *S. Morgan, **N. Mason**, R. Shupp, and R. Myers. "Agricultural innovation and technology adoption: Incentives for delay reconsidered." Selected paper presented at the Agricultural & Applied Economics Association's annual meeting, Washington, DC. Aug. 6, 2018.
64. *S. Morgan, **N. Mason**, K. Levine, and O. Zulu-Mbata. "Dis-incentivizing sustainable intensification? The case of Zambia's fertilizer subsidy program." Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Vancouver, Canada. Aug. 1, 2018.
65. ***N. Mason**, A. Kuteya, and H. Ngoma. "Recent innovations to Zambia's Farmer Input Support Program and insights on short-run effects." Presentation at the organized symposium on "Agricultural input subsidy programs in sub-Saharan Africa: Are recent program innovations improving program performance? Evidence from Malawi, Nigeria, and Zambia." International Association of Agricultural Economists Triennial Conference. Vancouver, Canada. Jul. 30, 2018.
66. *J. Kim, **N. Mason**, and S. Snapp. "Does sustainable intensification of maize production enhance child nutrition? Evidence from rural Tanzania." Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Vancouver, Canada. Jul. 30, 2018.
67. *S. Morgan, **N. Mason**, and R. Shupp. "Comments, contributions, and compliance: Evidence from a public goods experiment." Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Vancouver, Canada, Jul. 29, 2018.
68. ***N. Mason**. "Updates on the Zambia FSP Buy-In and discussion on rural poverty traps." Presentation for the USAID/Zambia Mission Director and staff. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jun. 26, 2018.
69. ***N. Mason**. "Raising crop response: Bidirectional learning to catalyze sustainable intensification at multiple scales. Overview of project objectives 2 and 3." Presentation to the Management Entity of the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification, Michigan State University. East Lansing, MI. Jun. 6, 2018.
70. *J. Ariga, *K. Kuhlmann, and ***N. Mason** (no senior authorship assigned). "Understanding the enabling environment: How laws, regulations, and government programs support trade and agricultural development." Invited seminar, Washington College of Law, American University. Washington, DC. Apr. 17, 2018.
71. *J. Ariga, *K. Kuhlmann, and ***N. Mason** (no senior authorship assigned). "Agricultural policy and regulation in sub-Saharan Africa: Lessons for increasing investment." Eye on Africa seminar, African Studies Center, Michigan State University. East Lansing, MI. Apr. 5, 2018.
72. *S. Morgan, **N. Mason**, M. Maredia, and R. Shupp. "Do different extension approaches affect smallholder farmers' willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania." MSU AFRE Graduate Research Symposium. East Lansing, MI. Mar. 29, 2018. *Awarded best presentation in the Develop Economics session.*
73. ***N. Mason**, T.S. Jayne, W.J. Burke, and J. Ariga. "Taking stock of Africa's second-generation input subsidy programs: Insights from 70+ empirical studies." Invited seminar at the Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Feb. 27, 2018.
74. *M. Wanzala-Mlobela and ***N. Mason**. "Creating an enabling environment for private sector investment in fertilizer value chains in sub-Saharan Africa: Empirical evidence and knowledge gaps." Invited presentation at the International Fertilizer Development Center workshop on Developing Private Sector Agro-Input Markets: Lessons Learned and Emerging Perspectives on Subsidy Programs. Jinja, Uganda. Feb. 22, 2018.
75. ***N. Mason**, T.S. Jayne, W.J. Burke, and J. Ariga. "Taking stock of Africa's second-generation input subsidy programs: Insights from 70+ empirical studies." Invited presentation at the International Fertilizer Development Center workshop on Developing Private Sector Agro-Input Markets: Lessons Learned and Emerging Perspectives on Subsidy Programs. Jinja, Uganda. Feb. 20, 2018.
76. *C. Jumbe, S. Kaiyatsa, and ***N. Mason**. "An overview of the Malawi and Zambia input subsidy programs." Invited presentation at the International Fertilizer Development Center workshop on Developing Private Sector Agro-Input Markets: Lessons Learned and Emerging Perspectives on Subsidy Programs. Jinja, Uganda. Feb. 20, 2018.
77. *S. Morgan, **N. Mason**, and R. Shupp. "Stakeholder comments, contributions, and compliance: Evidence from a public goods experiment." Selected presentation at the Conference on Behavioral & Experimental

- Agri-Environmental Research: Methodological Advancements & Applications to Policy (CBEAR-MAAP). Shepherdstown, WV. Oct. 14, 2017.
78. *D. Olson, **N. Mason**, J. Makau, and L. Kirimi. “Maize marketing boards and sustainable intensification: Panel survey evidence from Kenya.” Selected presentation at the Agricultural & Applied Economics Association’s annual meeting. Chicago, IL, Aug. 1, 2017.
 79. *J. Kim and **N. Mason**. “What drives sustainable intensification of maize production among smallholder farmers? Panel survey evidence from Tanzania.” Selected presentation at the Agricultural & Applied Economics Association’s annual meeting. Chicago, IL, Aug. 1, 2017.
 80. *S. Morgan, **N. Mason**, and R. Shupp. “Do stakeholder comments influence regulator behavior? Evidence from a public goods experiment.” Selected presentation at the Agricultural & Applied Economics Association’s annual meeting. Chicago, IL, Aug. 1, 2017.
 81. *S. Morgan, **N. Mason**, and R. Shupp. “Do stakeholder comments reduce noncompliance? Evidence from a public goods experiment.” Selected presentation at the Association of Environmental and Resource Economists’ summer conference. Pittsburgh, PA. Jun. 2, 2017.
 82. *S. Morgan, **N. Mason**, N.K. Levine, and O. Zulu-Mbata. “Incentivizing unsustainable intensification? Evidence from Zambia’s input subsidy program.” Selected presentation at the Midwest International Economic Development Conference. Madison, WI. Apr. 21, 2017.
 83. *S. Morgan, **N. Mason**, and R. Shupp. “Do stakeholder comments increase regulatory compliance? Evidence from a public goods experiment.” Results dissemination workshop for Center for Behavioral and Experimental Agri-Environmental Research-funded project. East Lansing, MI. Apr. 11, 2017.
 84. *D. Olson, **N. Mason**, J. Makau, and L. Kirimi. “Maize marketing boards and sustainable intensification: Panel survey evidence from Kenya.” MSU AFRE Graduate Research Symposium. East Lansing, MI. Mar. 31, 2017. *Awarded best presentation in the Research-in-Progress category.*
 85. *D. Resnick, D. Mather, and **N. Mason**. “The Kaleidoscope Model of Food Security Reform: Introduction and applications to input subsidy policies.” Policy seminar on “What Drives Policy Change? Insights from the Kaleidoscope Model of Food Security Policy”, International Food Policy Research Institute. Washington, DC. Mar. 29, 2017.
 86. *S. Snapp, F. Bajjukya, M. Bekunda, K. Giller, N. Kassim, T.S. Jayne, **N. Mason**, J. Odhiambo, J.C. Rubyogo, and H. Tindwa. “Raising crop response: Bidirectional learning to catalyze sustainable intensification at multiple scales.” Dar es Salaam, Tanzania. Presentation to USAID/Tanzania. Mar. 2, 2017.
 87. ***N. Mason**, J. Kim, S. Morgan, and D. Olson. “What drives adoption of soil fertility management practices among smallholder maize growers? A conceptual model and literature review for sub-Saharan Africa.” Invited presentation at the “Indicators for the Sustainable Intensification of Agriculture” workshop, Michigan State University Center for Global Change & Earth Observation. East Lansing, MI. Dec. 14, 2016.
 88. *T.S. Jayne and **N. Mason**. “Agricultural input subsidy programs in Africa: A review of recent evidence.” Invited presentation at the Agricultural Input Distribution and Subsidy Program Conference, Alliance for a Green Revolution in Africa. Nairobi, Kenya. Dec. 1, 2016.
 89. *W. Fung, S. Liverpool-Tasie, **N. Mason**, R. Uwaifo Oyelere (senior authorship not assigned). “Can crop purchase programs reduce poverty and improve welfare in rural communities? Evidence from the Food Reserve Agency in Zambia.” Selected presentation at the Southern Economic Association’s annual meeting. Washington, DC. Nov. 19, 2016.
 90. K. Levine, **N. Mason**, *S. Morgan, and O. Zulu-Mbata. “Do input subsidies crowd in or crowd out other soil fertility management practices? Panel survey evidence from Zambia.” Selected presentation at the 5th Conference of the African Association of Agricultural Economists. Addis Ababa, Ethiopia. Sep. 26, 2016.
 91. *T.S. Jayne and **N. Mason**. “Agricultural input subsidy programs in Asia and Africa: A review of recent evidence.” Invited presentation at the Kenya Markets Trust and Agri Experience Ltd. workshop on “Making Subsidies Work for Kenya”. Nairobi, Kenya. Sep. 1, 2016.
 92. ***N. Mason**, S. Snapp, J.C. Rubyogo, and J. Lwehabura. “Mother demos, baby demos, or both? A test of alternative private sector-led extension approaches for sustainable intensification.” MSU East Africa Learning Lab meeting. East Lansing, MI. Aug. 8, 2016.

93. *J. Ricker-Gilbert, **N. Mason**, and J. Chamberlin. "What is driving farmland rental prices in sub-Saharan Africa? Evidence from Malawi." Selected presentation at the Agricultural and Applied Economics Association's annual meeting. Boston, MA. Aug. 2, 2016.
94. ***S. Morgan**, **N. Mason**, and R. Shupp. "Farmers as policymakers: Measuring regulatory participation and compliance in Michigan." Selected presentation at the Agricultural and Applied Economics Association's annual meeting. Boston, MA. Aug. 2, 2016.
95. **C. Sauer**, ***N. Mason**, and M. Maredia. "Exploring the role of legume crops in the agriculture-nutrition-food security nexus: Evidence from Zambia." Selected presentation at the Agricultural and Applied Economics Association's annual meeting. Boston, MA. Aug. 2, 2016.
96. ***N. Mason**. Discussant remarks on the papers presented at the track session on "Food Demand and Nutrition Issues in sub-Saharan Africa". Agricultural and Applied Economics Association's annual meeting. Boston, MA. Aug. 1, 2016.
97. **K. Levine**, ***N. Mason**, **S. Morgan**, and O. Zulu-Mbata. "Incentivizing unsustainable intensification? The case of Zambia's fertilizer subsidy program." Invited seminar at Allegheny College, Meadville, PA. Apr. 21, 2106.
98. ***N. Mason**, T.S. Jayne, and N. van de Walle. "The political economy of agricultural input subsidy programs in Africa: The case of Zambia." Invited seminar at the Institute for African Development, Cornell University, Ithaca, NY. Mar. 24, 2016.
99. J. Ricker-Gilbert, ***N. Mason**, and J. Chamberlin. "What is driving farmland rental prices in sub-Saharan Africa? Evidence from Malawi." Selected presentation at the 2016 World Bank Conference on Land and Poverty. World Bank Headquarters, Washington, DC. March 15, 2016.
100. **C. Sauer**, ***M. Maredia**, and **N. Mason**. "Legume technologies and agricultural productivity: Evidence from Zambia." Selected presentation at the Pan-African Grain Legume and World Cowpea Conference. AVANI Victoria Falls Resort and Conference Center, Livingstone, Zambia. Mar. 2, 2016.
101. ***N. Mason**, S. Snapp, H. Tindwa, K. Giller, J.C. Rubyogo, N. Kassim, T.S. Jayne, F. Baijukya, and M. Bekunda. "Raising crop response: Bidirectional learning to catalyze sustainable intensification at multiple scales." Invited presentation at the Annual Meeting of the Feed the Future Innovation Lab for Sustainable Intensification, Kansas State University, Manhattan, KS. Jan. 28, 2016.
102. ***N. Mason**. "Interdisciplinary research opportunities at the food-energy-water nexus: Perspectives on the food dimension from an agricultural development economist." Invited presentation at the Interdisciplinary Research Forum on the Food-Energy-Water Nexus. Office of the Vice President for Research and Graduate Studies, Michigan State University, East Lansing, MI. Jan. 14, 2016.
103. ***N. Mason**. "New international partnerships for research on sustainable agricultural intensification and the political economy of agricultural policies: An Academy for Global Engagement year in review." Invited presentation at the Academy for Global Engagement Global Innovation Forum. Michigan State University, East Lansing, MI. Dec. 4, 2015.
104. *R. Uwaifo Oyelere, W. Fung, S. Liverpool-Tasie, and **N. Mason** (senior authorship not assigned). "Can crop purchase programs reduce poverty and improve welfare in rural communities? Evidence from the Food Reserve Agency in Zambia." Invited presentation at the annual Research Colloquium, Morehouse College. Atlanta, GA. 13 November 2015.
105. **N. Mason**, **A. Wineman**, *L. Kirimi, and D. Mather. "Effects of the National Accelerated Agricultural Inputs Access Program (NAAIAP) on smallholder production and incomes." Invited presentation at the Tegemeo National Policy Conference. Kenya School of Monetary Studies, Nairobi, Kenya. Nov. 10, 2015.
106. *J. Ochieng, ***A. Wineman**, L. Kirimi, M. Mathenge, and **N. Mason**. "Effects of climate variability and change on agricultural production and household welfare in Kenya." Invited presentation at the Tegemeo National Policy Conference. Kenya School of Monetary Studies, Nairobi, Kenya. Nov. 10, 2015.
107. *T.S. Jayne, **N. Mason**, *W. Burke, and J. Ariga. "Agricultural input subsidy programs in Africa: An assessment of recent evidence." Invited presentation at the World Bank workshop on Options for Improving Agricultural Public Expenditures in Africa. World Bank Headquarters, Washington, DC. Sep. 22, 2015.
108. ***N. Mason** and S. Tembo. "Do input subsidies reduce poverty among smallholder farm households? Evidence from Zambia." Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Milan, Italy, Aug. 14, 2015.

109. *H. Ngoma†, **N. Mason**, and N. Sitko. “Does minimum tillage with planting basins or ripping raise maize yields? Meso-panel data evidence from Zambia.” Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Milan, Italy, Aug. 14, 2015.
110. W. Fung, *S. Liverpool-Tasie, ***N. Mason**, and R. Uwaifo Oyelere (senior authorship not assigned). “Can crop purchase programs reduce poverty and improve welfare in rural communities? Evidence from the Food Reserve Agency in Zambia.” Selected presentation at the International Association of Agricultural Economists Triennial Conference. Milan, Italy, Aug. 11, 2015.
111. ***N. Mason**. Invited discussant and closing remarks at the symposium on “Using ‘smart subsidies’ to support small scale farmers in Africa”, organized by the African Association of Agricultural Economists. International Association of Agricultural Economists Triennial Conference. Milan, Italy, Aug. 11, 2015.
112. ***N. Mason**, A. Wineman, L. Kiriimi, and D. Mather. “The effects of Kenya’s ‘smarter’ input subsidy program on smallholder behavior and incomes: Do different quasi-experimental approaches lead to the same conclusions?” Selected presentation at the Agricultural and Applied Economics Association’s annual meeting. San Francisco, CA. Jul. 28, 2015.
113. *Y. Kusunose, S. Tembo, **N. Mason**, and M. Smale. “Do crop income shocks widen disparities in smallholder agricultural investments? Panel survey evidence from Zambia.” Selected paper presented at the Agricultural and Applied Economics Association’s annual meeting. San Francisco, CA. Jul. 28, 2015.
114. ***N. Mason**. “Beyond fertilizer subsidies: Unpacking African smallholder farmers’ preferences for agricultural support.” Presentation at the Academy for Global Engagement Campus Convening. Michigan State University, East Lansing, MI. Jun. 4, 2015.
115. *B. Mulenga, H. Ngoma†, T.S. Jayne, N. Sitko, and **N. Mason**. “The paradox of minimal use of minimum tillage despite positive yield benefits in Zambia: Evidence from district-representative data.” Selected paper presented at the Beating Famine Conference. Bingu International Conference Center, Lilongwe, Malawi. Apr. 15, 2015.
116. *R. Mofya-Mukuka and **N. Mason**. “The Farmer Input Support Programme, Electronic Vouchers, and Related Issues.” Invited presentation at the Agricultural Sector Stakeholders Consultative Meeting. Government Complex, Lusaka, Zambia. Mar. 18, 2015.
117. ***N. Mason**, T.S. Jayne, and N. van de Walle. “Political economy dimensions of input subsidy programs: Fertilizer subsidies and election outcomes in Zambia.” Invited seminar, Division of Development Strategy and Governance, International Food Policy Research Institute. Washington, DC. Jan. 14, 2015.
118. *W. Fung, S. Liverpool-Tasie, **N. Mason**, and R. Uwaifo Oyelere (senior authorship not assigned). “Can crop purchase programs reduce poverty and improve welfare in rural communities? Evidence from the Food Reserve Agency in Zambia.” Selected paper presented at the Economics of Global Poverty Conference. Gordon College, Wenham, MA. Jan. 6, 2015.
119. ***N. Mason**. “The scoop on fertilizer subsidies.” Invited ‘AgTalk’ on fertilizer subsidy programs in sub-Saharan Africa, modeled on the ‘TED Talks’ format. International Fund for Agricultural Development. Rome, Italy. Dec. 11, 2014. http://www.ifad.org/events/agtalks/prog_2.pdf. YouTube video: <https://youtu.be/oMf7-0TR6xA>. 905 views as of 2/21/19.
120. ***N. Mason**. “Subsidizing the way to a Green Revolution and less rural poverty in Africa? The effects of Zambia’s input subsidy program on smallholder behavior and economy well-being.” Invited presentation at the Graduate Program Orientation, Department of Agricultural, Food, and Resource Economics. Michigan State University, East Lansing, MI. Aug. 25, 2014.
121. ***N. Mason** and *S. Tembo. “Do input subsidies reduce poverty among smallholder farm households? Evidence from Zambia.” Selected paper presented at the Agricultural and Applied Economics Association’s annual meeting. Minneapolis, MN. Jul. 29, 2014.
122. *N.K. Levine and **N. Mason**. “Do input subsidies crowd in or crowd out other soil fertility management practices? Evidence from Zambia.” Selected paper presented at the Agricultural and Applied Economics Association’s annual meeting. Minneapolis, MN. Jul. 29, 2014.
123. *M. Lubungu, **N. Mason**, and R. Mofya-Mukuka. “Utilization of animal draft power in Zambia: Drivers and effects on household income and commercialization.” Presentation at the Graduate Student Organization Brown Bag Seminar Series, Department of Agricultural, Food, and Resource Economics, Michigan State University. East Lansing, MI. Apr. 16, 2014.

124. T.S. Jayne, D. Mather, ***N. Mason**, and J. Ricker-Gilbert. "How do fertilizer subsidy programs affect total fertilizer use in sub-Saharan Africa? Crowding out, diversion, and benefit/cost assessments." Selected paper presented at the Centre for the Study of African Economies Conference on Economic Development in Africa. University of Oxford. Oxford, UK. Mar. 24, 2014.
125. ***N. Mason**, T.S. Jayne, and R. Mofya-Mukuka. "Agricultural input subsidy programs in theory and in practice: The case of Zambia." Invited presentation for the Michigan State University African Studies Center Eye on Africa seminar series. East Lansing, MI. Oct. 31, 2013.
126. **N. Mason** and *M. Smale. "Impacts of seed subsidies on poverty and inequality among smallholder maize growers in Zambia." Invited presentation at the Laboratoire d'Economie Appliquée, University of Grenoble. Grenoble, France. Oct. 4, 2013.
127. *J. Ricker-Gilbert, **N. Mason**, F. Darko†, and S. Tembo. "What are the effects of input subsidy programs on maize prices? Evidence from Malawi and Zambia." Selected paper presented at the 4th International Conference of the African Association of Agricultural Economists. Hammamet, Tunisia. Sep. 25, 2013.
128. ***N. Mason**, T.S. Jayne, and N. van de Walle. "Fertilizer subsidies and voting behavior: Political economy dimensions of input subsidy programs." Selected paper presented at the 4th International Conference of the African Association of Agricultural Economists. Hammamet, Tunisia. Sep. 23, 2013.
129. J. Ricker-Gilbert, ***N. Mason**, F. Darko†, and S. Tembo. "What are the effects of input subsidy programs on maize prices? Evidence from Malawi and Zambia." Selected paper presented at the Agricultural and Applied Economics Association's annual meeting. Washington, DC. Aug. 5, 2013.
130. ***N. Mason**, T.S. Jayne, and N. van de Walle. "Fertilizer subsidies and voting behavior: Political economy dimensions of input subsidy programs." Selected paper presented at the Agricultural and Applied Economics Association's annual meeting. Washington, DC. Aug. 5, 2013.
131. ***N. Mason** and M. Smale. "Impacts of seed subsidies on poverty and inequality among smallholder maize growers in Zambia." Selected presentation at the Agricultural and Applied Economics Association's annual meeting. Washington, DC. Aug. 4, 2013.
132. ***N. Mason** and M. Smale. "Impacts of seed subsidies on poverty and inequality among smallholder maize growers in Zambia." Selected paper presented at the Cornell University/Institute for African Development Spring Symposium on Growth, Poverty, and Inequality: Confronting the Challenges for a Better Life for All in Africa. Ithaca, NY. Apr. 20, 2013.
133. *T.S. Jayne, D. Mather, **N. Mason**, and J. Ricker-Gilbert. "How do fertilizer subsidy programs affect total fertilizer use in sub-Saharan Africa? Crowding out, diversion, and benefit/cost assessments." Presentation at the IFPRI/MSU workshop on Input Subsidy Programs in sub-Saharan Africa. Washington, DC. Apr. 17, 2013.
134. **N. Mason** and *M. Smale. "Impacts of seed subsidies on poverty and inequality among smallholder maize growers in Zambia." Presentation at the IFPRI/MSU workshop on Input Subsidy Programs in sub-Saharan Africa. Washington, DC. Apr. 17, 2013.
135. ***N. Mason**, T.S. Jayne, and R. Mofya-Mukuka. "Zambia's input subsidy programs." Presentation at the IFPRI/MSU workshop on Input Subsidy Programs in sub-Saharan Africa. Washington, DC. Apr. 16, 2013.
136. *J. Ricker-Gilbert, **N. Mason**, F. Darko†, and S. Tembo. "General equilibrium effects of input subsidy programs on maize prices: Evidence from Malawi and Zambia." Presentation at the IFPRI/MSU workshop on Input Subsidy Programs in sub-Saharan Africa. Washington, DC. Apr. 16, 2013.
137. ***N. Mason**, T.S. Jayne, and N. van de Walle. "Fertilizer subsidies and voting behavior: Political economy dimensions of input subsidy programs." Invited seminar at the Department of Agricultural, Food, & Resource Economics, Michigan State University. East Lansing, MI. Apr. 11, 2013.
138. **N. Mason** and *J. Ricker-Gilbert. "Disrupting demand for commercial seed: Input subsidies in Malawi and Zambia." Midwest International Economic Development Conference, Center for International Food and Agricultural Policy (CIFAP), Madison, WI. Apr. 5, 2013.
139. ***N. Mason**, T.S. Jayne, and N. van de Walle. "Fertilizer subsidies and voting behavior: Political economy dimensions of input subsidy programs." Presentation at the Future Agricultures Consortium International Conference on the Political Economy of Agricultural Policy in Africa. Pretoria, South Africa. Mar. 18, 2013.

140. *R. Mofya-Mukuka, S. Kabwe, A. Kuteya, and **N. Mason**. “Review of the Farmer Input Support Programme (FISP) in Zambia: Focus on Targeting.” Presentation to the FISP E-Voucher Steering Committee. Lusaka, Zambia. Jan. 11, 2013.
141. ***N. Mason**, T.S. Jayne, and R. Myers. “The effects of the Food Reserve Agency on smallholder production patterns and maize market prices.” Presentation at the Stakeholders’ Meeting on Evidence-Based Agricultural Policy Decisions to Shape Agricultural Development for Poverty Reduction. Lusaka, Zambia. Dec. 5, 2012.
142. ***N. Mason**, T.S. Jayne, and B. Shiferaw. “Wheat consumption in sub-Saharan Africa: Trends, drivers, and implications for food security and policy.” Keynote presentation at the Wheat for Food Security in Africa conference. Addis Ababa, Ethiopia. Oct. 8, 2012.
143. *N. Sitko, *T.S. Jayne, and ***N. Mason**. “Improving the performance of agriculture in Zambia through well-targeted investments.” Presentation for the USAID/Southern Africa Director & USAID/Zambia Desk Officer. Indaba Agricultural Policy Research Institute (IAPRI), Lusaka, Zambia. Sep. 18, 2012.
144. *M. Hichaambwa, ***N. Mason**, and N. Sitko. “Land access and impacts on public spending on agriculture in Zambia.” Presentation to the World Bank. Indaba Agricultural Policy Research Institute (IAPRI), Lusaka, Zambia. Sep. 17, 2012.
145. *M. Hichaambwa, ***N. Mason**, and N. Sitko. “Land access and impacts on public spending on agriculture in Zambia.” Presentation to the United States Agency for International Development (USAID) Economic Growth Team. Indaba Agricultural Policy Research Institute (IAPRI), Lusaka, Zambia. Sep. 4, 2012.
146. ***N. Mason**, D. Mather, and T.S. Jayne. “Smallholder behavioral responses to grain marketing board activities in dual channel marketing systems: Overcoming modeling challenges and evidence from Zambia and Kenya.” Presentation at the mini-symposium on the Microeconomic Effects of Grain Marketing Boards on Farm Households in sub-Saharan Africa. International Association of Agricultural Economists Triennial Conference. Foz do Iguaçu, Brazil. Aug. 22, 2012.
147. *J. Ricker-Gilbert, **N. Mason**, D. Mather, and T.S. Jayne. “Cross-country impacts of input subsidies: Insights on targeting, crowding out, and production from Kenya, Malawi, and Zambia.” Presentation at the mini-symposium on Input Promotion Programs in Africa: What Works, What Doesn’t, and Why? International Association of Agricultural Economists Triennial Conference. Foz do Iguaçu, Brazil. Aug. 20, 2012.
148. ***N. Mason**, T.S. Jayne, and R. Myers. “Smallholder behavioral responses to marketing board activities in a dual channel marketing system: The case of maize in Zambia.” Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Foz do Iguaçu, Brazil, Aug. 19, 2012.
149. ***N. Mason**. “Overview of the Feed the Future (FTF) agricultural baseline survey.” Agricultural Research and Development Program Biannual Program Meeting, United States Agency for International Development (USAID)/Feed the Future (FTF). Lusaka, Zambia. Nov. 30, 2011.
150. *T.S. Jayne, W. Burke, A. Shipekesa, A. Chapoto, and **N. Mason**. “Zambia’s maize policy challenges: Issues and options for the Comprehensive Africa Agriculture Development Programme (CAADP).” Cooperating Partners Meeting, Comprehensive Africa Agriculture Development Programme (CAADP). Lusaka, Zambia. Aug. 23, 2011.
151. *T.S. Jayne, W. Burke, A. Shipekesa, A. Chapoto, A., and **N. Mason**. “Zambia’s maize policy challenges: Issues and options for Comprehensive Africa Agriculture Development Programme (CAADP).” Conference on Managing Maize Bumper Harvests and Food Policy Challenges, Agricultural Consultative Forum/Food Security Research Project/Ministry of Agriculture & Cooperatives. Lusaka, Zambia. Aug. 16, 2011.
152. ***N. Mason**. “Maize, fertilizer, and politics: The effects of the Zambian Food Reserve Agency and fertilizer subsidies on smallholder behavior.” Invited presentation to the Program on Food Security and the Environment. Stanford University. May 24, 2011.
153. C. Nkonde, **N. Mason**, N. Sitko, W. Burke, D. Banda, and *T.S. Jayne. “Options for addressing Zambia’s maize marketing challenges in 2011.” Presentation to the Management of the Food Reserve Agency, Food Reserve Agency. Lusaka, Zambia. Mar. 29, 2011.

154. *A. Kuteya, *M. Weber, S. Kabwe, M. Beaver, A. Chapoto, W. Burke, and **N. Mason**. “Categorization of rural cropping households in Zambia.” Workshop on Agriculture & Nutrition Growth Strategies, Catholic Relief Services. Lusaka, Zambia. Mar. 17, 2011.
155. *A. Kuteya, *M. Weber, S. Kabwe, M. Beaver, A. Chapoto, W. Burke, and **N. Mason**. “Categorization of rural cropping households in Zambia.” Stakeholders’ Meeting, Agricultural Consultative Forum. Lusaka, Zambia. Mar. 16, 2011.
156. C. Nkonde, **N. Mason**, N. Sitko, W. Burke, D. Banda, and *T.S. Jayne. “Lessons from Zambia's 2010 maize marketing experience.” Economics Association of Zambia. Lusaka, Zambia. Mar. 4, 2011.
157. A. Chapoto, T.S. Jayne and **N. Mason***. “Security of widows’ access to land in the era of HIV/AIDS: Panel survey evidence from Zambia.” Selected paper presented at the African Livelihoods Conference. Department of Anthropology, University of Rochester. February 25, 2011.
158. C. Nkonde, **N. Mason**, N. Sitko, W. Burke, D. Banda, and *T.S. Jayne. “Lessons from Zambia's 2010 maize marketing experience.” Cooperating Partners Meeting, Indaba Agricultural Policy Research Institute (IAPRI). Lusaka, Zambia. February 9, 2011.
159. W. Burke, **N. Mason**, M. Beaver, and *T.S. Jayne. “Analysis of the 2009/10 maize production estimate from the Crop Forecast Survey.” Meeting of the Food Security Research Project, Agricultural Consultative Forum, and the Ministry of Agriculture and Cooperatives, Policy and Planning Department. Lusaka, Zambia. Jun. 28, 2010.
160. ***N. Mason**, T.S. Jayne, A. Chapoto and R. Myers. “A test of the new variant famine hypothesis: Panel survey evidence from Zambia.” Selected paper presented at the International Association of Agricultural Economists Triennial Conference. Beijing, China. Aug. 21, 2009.
161. ***N. Mason**, T.S. Jayne, C. Donovan and A. Chapoto. “Are staple foods becoming more expensive for urban consumers in eastern and southern Africa? Trends in food prices, marketing margins, and wage rates in Kenya, Malawi, Mozambique, and Zambia.” Selected paper presented at the Institute for African Development symposium on the Food and Financial Crises and their Impacts on Achievement of the Millennium Development Goals in Africa. Cornell University. May 2, 2009.
162. ***N. Mason**, T.S. Jayne, A. Chapoto and R. Myers. “A test of the new variant famine hypothesis: Panel survey evidence from Zambia.” Selected paper presented at the African Economic Research Consortium-Cornell conference on Bottom-Up Interventions and Economic Growth in Sub-Saharan Africa. Nairobi, Kenya. Jun. 1, 2007.
163. ***N. Mason**, A. Chapoto, and T.S. Jayne. “A test of the new variant famine hypothesis in Zambia.” Selected poster presentation at the XVI International AIDS Conference. Toronto, Canada. August 13-18, 2006.
164. A. Chapoto, T.S. Jayne, and ***N. Mason**. “Security of widows’ access to land in the era of HIV/AIDS: Panel survey evidence from Zambia.” Selected poster presentation at the XVI International AIDS Conference. Toronto, Canada. August 13-18, 2006.

Teaching

Michigan State University – Department of Agricultural, Food, and Resource Economics

- AFRE 802, Statistical Methods for Agricultural, Food, & Resource Economists. 3 credit hours. Fall semesters. Years (enrollment): 2014 (15), 2015 (8), 2016 (16), 2017 (10), 2018 (11), 2020 (5), 2021 (10), 2022 (9), 2023 (5), 2024 (7)
- AFRE 861, Agriculture in Economic Development. Co-taught with S. Liverpool-Tasie (50% responsibility). 3 credit hours. Fall semesters. Years (enrollment): 2014 (12), 2015 (15), 2016 (8), 2017 (18), 2018 (10).
- ABM 203, Data Analysis for the Agri-Food System. Co-taught with AFRE Ph.D. student (50% responsibility). 3 credit hours. Fall semester. Year (enrollment): 2017 (83), 2018 (52).
- AFRE 961, Advanced Agricultural Development Economics. Team taught with S. Jin, A. Dillon, and M. Porter (25% responsibility). 3 credit hours. Spring semester. Year (enrollment): 2017 (6).

University of Zambia – Department of Agricultural Economics and Extension Education

- AGE 6231, Quantitative Analysis of Agricultural Policies (2012; team taught with G. Tembo)
- AGE 6041, Issues in Agricultural & Applied Economics (2011; team taught with G. Tembo and W. Burke)

Table 2. MSU Student Instructional Rating System (SIRS) results, Fall 2014-Fall 2022 (scale: 1=superior, 2=above average, 3=average, 4=below average, 5=inferior)

Course Number	Semester ^a	Instructor Involvement	Student Interest	Student-Instructor Interaction	Course Demands	Course Organization	Mean across all 21 SIRS questions
AFRE 802 (formerly AEC 802)	FS 2014	1.53	1.76	1.47	1.84	1.47	1.61
	FS 2015	1.35	1.57	1.17	1.71	1.11	1.38
	FS 2016	1.25	1.53	1.27	1.44	1.23	1.34
	FS 2017	1.19	1.75	1.36	1.60	1.39	1.46
	FS 2018	1.39	1.86	1.47	1.66	1.36	1.56
	FS 2020	1.12	1.37	1.12	1.67	1.13	1.29
	FS 2021	1.03	1.28	1.07	1.50	1.11	1.18
FS 2022	1.05	1.50	1.02	1.25	1.11	1.19	
AFRE 861 ^b (formerly AEC 861)	FS 2014	1.61	2.02	1.70	2.09	1.97	1.88
	FS 2015	1.36	1.39	1.30	1.94	1.42	1.48
	FS 2016	1.21	1.75	1.35	1.93	1.43	1.54
	FS 2017	1.26	1.64	1.21	2.06	1.51	1.53
FS 2018	1.18	1.38	1.10	1.60	1.30	1.30	
AFRE 961 ^c	SS 2017	1.17	1.45	1.20	1.46	1.12	1.28
ABM 203 ^d	FS 2017	1.60	2.03	1.57	1.77	1.67	1.74
	FS 2018	1.62	2.10	1.79	1.99	1.83	1.89
Overall average		1.36	1.71	1.38	1.78	1.45	1.54

Source: MSU Student Instructional Rating System (SIRS) reports

Notes: Average scores are across all questions in each category (instructor and non-instructor). All courses are 3 credit hours. FS=Fall Semester. SS=Spring Semester. ^a FMLA leave in Fall 2019; reduction in teaching appointment to one course/year starting in Fall 2020 when took on Associate Chair/Graduate Program Director role. ^b Co-taught with S. Liverpool-Tasie (50% responsibility). ^c Team taught with S. Jin, A. Dillon, and M. Porter (25% responsibility). ^d Co-taught with AFRE Ph.D. student – S. Morgan in Fall 2017 and S. Padilla in Fall 2018 (50% responsibility).

Table 3. MSU Student Perceptions of Learning Survey (SPLS) results, Fall 2023-present (scales vary by question – see note)

Course Number:	Semester	(A) Expectations	(B) Organization	(C) Atmosphere	(D) Expanded Understanding	(E) Demonstrate Understanding	(F) Interest Increased	(G) Workload	(H) Instructor as Teacher
802	FS 2023	4.50 (1.00)	5.00 (0.00)	5.00 (0.00)	4.75 (0.50)	4.75 (0.50)	5.00 (0.00)	2.25 (0.50)	5.00 (0.00)
802	FS 2024	4.71 (0.76)	5.00 (0.00)	4.86 (0.38)	5.00 (0.00)	4.86 (0.38)	4.57 (0.53)	2.29 (0.76)	5.00 (0.00) ^â

Source: MSU Student Perceptions of Learning Survey (SPLS) reports

Notes: Mean scores with standard deviations in parentheses. For columns (A) through (F), the scale is 1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree. For column (G), the scale is 1=much heavier, 2=heavier, 3=similar, 4=lighter, 5=much lighter. For column (H), the scale is 1=poor, 2=fair, 3=good, 4=very good, 5=excellent. All courses are 3 credit hours. FS=Fall Semester. Questions: (A) Expectations: “I understood what was expected of me in this course.” (B) Organization: “Overall, the course was well organized.” (C) Atmosphere: “The Faculty Member, Nicole Mason-Wardell, created an atmosphere that supported my learning.” (D) Expanded Understanding: “The course expanded my understanding of the subject matter.” (E) Demonstrate Understanding: Course assignments and/or tests provided opportunities for me to demonstrate an understanding of the course material.” (F) Interest Increased: My interest in the subject has increased because of this course. (G) Workload: “Compared to other courses of equal credit, the workload for this course was...” (H) Instructor as Teacher: “What is your overall rating of the Faculty Member, Nicole Mason-Wardell, as a teacher?”

Guest Lectures

- ***N. Mason.** “An introduction to Agricultural household models.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 19, 2024.
- ***N. Mason** and P. Ng. “Academic integrity: MSU policies and expectations.” Presentation for Nanjing-Agricultural University (NAU)-Michigan State University Institute students. Oct. 11, 2022.
- ***N. Mason.** “Agricultural household models – Part II.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 13, 2022.
- ***N. Mason.** “Introduction to agricultural household models – Part I.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 8, 2022.
- ***N. Mason.** “Ag economist’s toolkit IV: Agricultural household models continued.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 14, 2021.
- ***N. Mason.** “Ag economist’s toolkit III: Introduction to agricultural household models.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 9, 2021.
- ***N. Mason** and S. Morgan. “Lead farmer extension and smallholder valuation of new agricultural technologies in Tanzania.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Dec. 7, 2020.
- ***N. Mason.** “Technology dis-adoption.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Oct. 22, 2020.
- ***N. Mason.** “Technology adoption applications.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Oct. 15, 2020.
- ***N. Mason.** “Ag economist’s toolkit IV: Agricultural household models continued.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 17, 2020.
- ***N. Mason.** “Ag economist’s toolkit III: Introduction to agricultural household models.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU. Sep. 15, 2020.
- ***N. Mason.** “Incorporating uncertainty in project appraisal.” AFRE 865, Agricultural Benefit-Cost Analysis. Department of Agricultural, Food, and Resource Economics, MSU. Feb. 12, 2019.
- ***N. Mason.** “Links among food security, poverty reduction, and agricultural development: examples from sub-Saharan Africa.” ES 230, Soil to Plate. Department of Environmental Science, Allegheny College. Apr. 21, 2016.
- ***N. Mason, M. Maredia, and K. Chung.** “Faculty panel on research design, questionnaire design, sampling, and fieldwork implementation.” AEC 874, Field Data Collection and Analysis in Developing Countries. Department of Agricultural, Food, and Resource Economics, MSU. Apr. 8, 2015.
- ***N. Mason.** “Discounting, net present value, and the internal rate of return.” AEC 865, Agricultural Benefit-Cost Analysis. Department of Agricultural, Food, and Resource Economics, MSU. Jan. 21, 2014.
- ***N. Mason.** “Maize marketing challenges in Zambia: Can insights from AEC 932 break the gridlock?” AEC 932, Information Economics and Institutions in Agriculture and Natural Resources. Department of Agricultural, Food, and Resource Economics, MSU. Nov. 22, 2013.

Graduate Student Advising

Ph.D. students – Major professor

1. Stephen Morgan (AFRE). Dissertation title: “The experimental science of economic behavior: Testing theories of compliance, technology adoption, and valuation”. Degree awarded in 2018. (1st placement: Tenure track Assistant Professor, Food & Resource Economics Department, University of Florida.)
2. Jongwoo Kim (AFRE). Dissertation title: “Sustainable intensification of maize production in Tanzania:

- Technical efficiency, effects on child nutrition, and the role of input subsidies”. Degree awarded in 2019. (1st placement: Associate Research Fellow, Korea Energy Economics Institute.)
3. Christina Biedny (AFRE). Spring 2019 through Summer 2020. Transferred to AFRE M.S. program in Fall 2020.
 4. Aakanksha Melkani (AFRE). Dissertation title: Essays on agricultural input and output markets. Degree awarded in 2021. (1st placement: Postdoctoral Research Associate, Daugherty Water for Food Institute, University of Nebraska-Lincoln.)
 5. Daniela Kwon (AFRE). Dissertation title: “Essays on transforming agrifood value chains in sub-Saharan Africa: Impacts, dynamics, and policy perspectives.” Degree awarded in 2024. (1st placement: Economist, Economic Development Department, State of New Mexico.)
 6. Yeyoung Lee (AFRE). Dissertation title: TBD. In progress.
 7. Saera Oh (AFRE). Dissertation title: TBD. In progress. (Major professor April 2024-present)

Ph.D. students – Committee member

1. Michael Dolislager (AFRE). Dissertation title: “Food consumption patterns in light of rising incomes, urbanization, and food retail modernization: Evidence from eastern and southern Africa”. Degree awarded in 2017. (1st placement: Assistant Professor, Department of Business, Messiah College.)
2. John Olwande (AFRE). Summer 2014-Fall 2015. Transferred to Department of Community Sustainability.
3. Obafemi Elegbede (AFRE). Summer 2014-Spring 2015. Transferred to Department of Community Sustainability.
4. Robert Martin (Economics). Dissertation title: “Estimation of nonlinear panel data models with unobserved heterogeneity”. Degree awarded in 2017. (1st placement: Research Economist, Bureau of Labor Statistics.)
5. Alyssa Carlson (Economics). Dissertation title: “Trade-offs in non-linear models and estimation strategies”. Degree awarded in 2019. (1st placement: Tenure track assistant professor, Department of Economics, University of Missouri – Columbia.)
6. Alison Nord (Crop and Soil Science). Dissertation title: “Filling in the gaps on smallholder maize-legume farm systems to address farmer needs in Tanzania”. Degree awarded in 2019. (1st placement: Postdoc, MSU.)
7. Andrew Gerard (Community Sustainability). Dissertation title: “Policies and institutions in Rwanda’s coffee sector”. Degree awarded in 2020. (1st placement: USAID.)
8. Chiwimbo Gwenambira Mwika (Crop and Soil Science). Dissertation title: “Sustainable intensification with legumes in Malawi”. Degree awarded in 2020. (1st placement: Curriculum Development Specialist, Michigan State University.)
9. Christine Sauer (AFRE). Dissertation title: “Three essays on the evolving agrifood system in Tanzania.” Degree awarded in 2021. (1st placement: Research Agricultural Economist, U.S. Department of Agriculture Economic Research Service.)
10. Evgeniya Moskaleva (AFRE). Dissertation title: “Three essays on the causes and consequences of youth migration in Tanzania”. Degree awarded in 2022.
11. Nicholas Brown (Economics). Dissertation title: “Three essays on panel data models with interactive and unobserved effects.” Degree awarded in 2022. (1st placement: Peacock Post-Doctoral Fellow, Department of Economics, Queen’s University.)
12. Daniela Kwon (AFRE). Committee member Spring 2020 through Jul. 24, 2022; then major professor.)
13. Benjamin Miller (Economics). Dissertation title: “Three essays on semiparametric estimators.” Degree awarded in 2023. (1st placement: Financial Economist, U.S. Securities and Exchange Commission.)
14. Sudhir Singh (AFRE). Dissertation title: “Essays on identity, workfare programs, and labor markets.” Degree awarded in 2023. (1st placement: Postdoctoral Associate, Department of Economics, University of Rochester.)
15. Tram Hoang (AFRE). Dissertation title: “Essays on agricultural misallocation.” Degree awarded in 2024. (1st placement: TBD.)
16. Caitlin Herrington (AFRE). Dissertation title: “Estimating demand via experiments in the agricultural-nutrition space.” Degree awarded in 2024. (1st placement: Advisor of Impact Evaluations, Impact Economics Unit at KIT Royal Tropical Institute, Amsterdam, Netherlands.)
17. Sibbir Ahmad (AFRE). Dissertation title: “Essays on crop diversity, food security, and labor market

- discrimination.” Degree awarded in 2024. (1st placement: Development Economics Postdoctoral Researcher, Department of Economics, University of Virginia.)
18. Kieron Moller (Biosystems and Agricultural Engineering). Dissertation title: TBD. In progress.
 19. Ian Fisher (AFRE). Dissertation title: TBD.

M.S. students – Major professor

1. N. Kendra Levine (AFRE). Plan B Paper title: “Do input subsidies crowd in or crowd out other soil fertility management practices? Evidence from Zambia”. Degree awarded in 2015. (1st placement: Manager, US Supply Chain Sustainability at McDonald's Corporation.)
2. David Olson (AFRE). Thesis title: “Do changes in maize prices and input prices affect smallholder farmers’ soil fertility management decisions? Panel survey evidence from Kenya”. Degree awarded in 2018. (1st placement: Agricultural Economist, USDA ERS.)
3. Megan Bellinger (AFRE). Thesis title: “The roles of land and off-farm employment in youth and young adult outmigration: Evidence from rural Zambia. Degree awarded in 2020. (1st placement: Research Analyst, Ipsos.)
4. C. Biedny (AFRE). Master’s Plan B paper title: “Combatting hardened soils for agricultural productivity: A proposal for measuring farmer preferences for soil and water conservation methods in Dosso, Niger.” Degree awarded in 2021. (1st placement: Ph.D. student, Department of Agricultural Economics, Oklahoma State University.)
5. Paul Samboko (AFRE). Thesis title: “The effects of medium and large scale farms on young people’s employment in agriculture: Evidence from Tanzania.” Degree awarded in 2022. (1st placement: Assistant Director, Disaster Management and Mitigation Unit, Office of the Vice President, Government of the Republic of Zambia.)
6. Luke Muller (AFRE). Thesis title: TBD. November 2023-present.
7. Samuel Darko-Koomson (AFRE). Co-Advisor with D. Tschirley. December 2024-present.

M.S. students – Committee member

1. Adam Soliman (AFRE). Thesis title: “To what water price do consumers respond? A study of increasing block rates and mandatory water restrictions”. Degree awarded in 2016. (1st placement: Ph.D. program, Dept. of Agricultural and Resource Economics, University of California-Davis.)
2. Ange Kakpo (AFRE). Plan B Paper title: “Smallholder horticulture in Mali: Patterns of input use”. Defended in July 2016. Degree awarded in 2016. (1st placement: Ph.D. program, Dept. of Agricultural and Applied Economics, Virginia Tech.)
3. Christine Sauer (AFRE). Spring 2016 - Fall 2016. Transferred to Ph.D. program.
4. Tian Cai (AFRE). Thesis title: “The impact of audio phone reminders on Kenya farmers’ knowledge and uptake of drought tolerant maize”. Degree awarded in 2018. (1st placement: Program Officer, Food and Agriculture Organization of the United Nations.)
5. Trhas Fkadu (AFRE). Thesis title: “Impact of legume technologies on food security in Uganda”. Degree awarded in 2018.
6. Brian Bartle (AFRE). Thesis title: “The Effect of Quality Signaling on Willingness to Pay for Potato Planting Material: A Research Study in Kenya”. Degree awarded in 2019. (1st placement: Product Innovation Manager, Indigo Ag.)
7. Soojung Ahn (AFRE). Thesis title: “The relationship between market information and farm-gate prices received by small-scale farmers in the Magway Region of Myanmar”. Degree awarded in 2019. (1st placement: Ph.D. student, University of Connecticut.)
8. Kevin Affoukou (AFRE). Thesis title: “Effect of Intercropping on Inputs Demand and Food Security in Maize Farming System in Uganda.” Degree awarded in 2020. (On committee through Summer 2019; switched committee members while Mason on FMLA leave.)
9. Simone Faas (AFRE). Thesis title: “The role of intra-household empowerment measures on maternal and child health: Evidence from Zambia”. Degree awarded in 2020. (1st placement: Research Associate, International Food Policy Research Institute.)
10. Clare McGrady (AFRE). Thesis title: TBD.

Other Graduate Research Assistants (in addition to advisees above)

1. Ayala Wineman (Ph.D. student, AFRE). Oct. 2014-Dec. 2015, Kenya/TAPRA II project. Degree awarded in 2015. (1st placement: Assistant Professor, International Development, MSU/AFRE.)
2. Jason Snyder (Ph.D. student, AFRE). Sep. 2017-Jun. 2018, Food Security Policy – Zambia Buy-In.
3. H. Carlson (Ph.D. student, AFRE). Jan. 2022-present, Feed the Future Innovation Lab for Food Security Policy, Research, and Influence.

Visiting Scholars

1. Mary Lubungu. Research Associate, Indaba Agricultural Policy Research Institute, Zambia. Jan.-May 2014.
2. Linda Steinhübel. Ph.D. candidate, Georg-August University of Göttingen, Germany. Jan.-Mar. 2019.
3. Dan Zhang. Ph.D. candidate. Nanjing Agricultural University, China. Sep. 2023-Oct. 2024.

Technical Trainings and Workshops Organized/Instructed

1. “CANR Graduate Advocates handbook workshop: Student and faculty advising/mentoring concerns and grievances.” Workshop for MSU College of Agriculture and Natural Resources (CANR) Graduate Program Directors and Graduate Program Coordinators. Hybrid (synchronous). Sep. 11, 2024. (Co-organizer and workshop material developer with L. Bix and A. Harlow)
2. “Climate smart agriculture innovation: Towards an evidence-based strategy and learning approach.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Feb. 13, 2024. (Co-organizer with D. Boughton, W. Attavanich, Y. Lee, and V. Theriault)
3. “Beyond add women and stir: Effective proposal writing for gender-related research.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jan. 18, 2024. (Co-organizer with R. Meinzen-Dick, E. Bryan, N. F. Faye, Y. Lee, and V. Theriault)
4. “Strategies for drawing valid policy implications from research findings.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Nov. 28, 2023. (Co-organizer with M. Guloba, B. Oyelami, K. Davis, Y. Lee and V. Theriault)
5. “Mapping market accessibility using QGIS.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Oct. 17, 2023. (Co-organizer with J. Koo, Y. Lee and V. Theriault)
6. “Roadmap to success for research leading to journal publications.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Oct. 5, 2023. (Co-organizer with D. Boughton, Y. Lee, and V. Theriault)
7. “Presenting gender research.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Aug. 3, 2023. (Co-organizer with R. Meinzen-Dick, E. Bryan, L. Kirimi, Y. Lee, and V. Theriault)
8. “Integrating gender into research and development projects.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jul. 27, 2023. (Co-organizer with R. Meinzen-Dick, E. Bryan, L. Kirimi, Y. Lee, and V. Theriault)
9. “Introduction to desktop GIS with QGIS.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jun. 13, 2023. (Co-organizer with J. Koo, Y. Lee and V. Theriault)
10. “Formulation de recommandations à partir de données agronomiques – Partie 2.” Technical training for ISRA-BAME, Senegal. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). May 26, 2023. (Co-organizer and training material developer E. Crawford, V. Theriault, and Y. Lee)

11. “Formulation de recommandations à partir de données agronomiques – Partie 1.” Technical training for ISRA-BAME, Senegal. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). May 24, 2023. (Co-organizer and training material developer E. Crawford, V. Theriault, and Y. Lee)
12. “All you need to know to get started with Stata: From basics to data management – Part I.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Dec. 17, 2022. (Co-organizer and training material developer with T. Njagi, J. Olwande, Y. Lee, and V. Theriault)
13. “All you need to know to get started with Stata: From basics to data management – Part I.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Oct. 13, 2022. (Co-organizer and training material developer with T. Njagi, J. Olwande, Y. Lee, and V. Theriault)
14. “Designing and implementing agri-food value chain surveys.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Sep. 21, 2022. (Co-organizer with B. Belton, V. Theriault, H. Carlson, and Y. Lee; training materials developed by B. Belton)
15. “Avoiding unintentional plagiarism session 2: Citations and authorship.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jul. 14, 2022. (Co-organizer and training material developer with M. Guloba, N. Oranye, H. Carlson, and V. Theriault)
16. “Avoiding unintentional plagiarism session 1: Types of plagiarism and how to avoid them.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jul. 7, 2022. (Co-organizer and training material developer with M. Guloba, N. Oranye, H. Carlson, and V. Theriault)
17. “Implementing indicators of reach, benefit, and empowerment.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Feb. 10, 2022. (Co-organizer with R. Meinzen-Dick, E. Bryan, V. Theriault, and H. Carlson; training materials developed by R. Meinzen-Dick and E. Bryan)
18. “Foundations of policy communication and overview of different outreach activities and methods.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jan. 19, 2022. (Co-organizer with K. Davis, J. Falik, D. Sample, V. Theriault, and H. Carlson; training materials developed by J. Falik and D. Sample)
19. “From research to policy influence: Understanding the policy space.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Nov. 10, 2021. (Co-organizer with K. Davis, S. Liverpool-Tasie, and R. Highfill; training materials developed by K. Davis)
20. “Journal article writing.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Oct. 20, 2021. (Co-organizer with T. Reardon, S. Liverpool-Tasie, and R. Highfill; training materials developed by T. Reardon)
21. “Grant proposal writing.” Technical training for PRCI Core Center and ReNAPRI researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jun. 9, 2021. (Co-organizer with T.S. Jayne, A. Chapoto, S. Liverpool-Tasie, and P. Samboko; training materials developed by T.S. Jayne and A. Chapoto)
22. “Giving effective research presentations.” Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (asynchronous). April 2021. (Co-organizer with S. Liverpool-Tasie, and P. Samboko)

23. "Writing journal articles." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Apr. 6, 2021. (Co-organizer with T. Reardon, S. Liverpool-Tasie, and P. Samboko; training materials developed by T. Reardon)
24. "Integrating mixed methods in research." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Feb. 17, 2021. (Co-organizer with R. Meinzen-Dick, E. Bryan, S. Liverpool-Tasie, and P. Samboko; training materials developed by R. Meinzen-Dick and E. Bryan)
25. "Navigating peer review." Technical training for PRCI Core Center researchers and STAARS/STAAARS+ fellows. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Feb. 3, 2021. (Co-organizer with C. Barrett, L. Bageant, S. Liverpool-Tasie, and P. Samboko; training materials developed by C. Barrett)
26. "Double hurdle models." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Jan. 13, 2021. (Co-organizer with D. Mather, S. Liverpool-Tasie, and P. Samboko)
27. "Tobit models." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Nov. 5, 2020. (Co-organizer with V. Theriault, S. Liverpool-Tasie, and P. Samboko)
28. "Linear models." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Oct. 12, 2020. (Instructor and Co-organizer with S. Liverpool-Tasie, and P. Samboko)
29. "Testing and correcting for endogeneity in linear models." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Sep. 21, 2020. (Co-organizer with S. Liverpool-Tasie, and P. Samboko)
30. "Impact evaluation: Introduction and methods overview." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Sep. 9, 2020. (Co-organizer with M. Maredia, S. Liverpool-Tasie, and P. Samboko; training materials developed by M. Maredia)
31. "Binary response models." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Aug. 27, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko)
32. "Ordinary least squares." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Aug. 13, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko)
33. "Avoiding unintentional plagiarism." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous and asynchronous). Jul. 29, 2020. (Instructor and Co-organizer with S. Liverpool-Tasie and P. Samboko)
34. "Reproducible and transparent research." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jul. 15, 2020. (Co-organizer with L. Bageant, S. Liverpool-Tasie and P. Samboko; training materials developed by L. Bageant)
35. "Informed consent and human research subject protection." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (synchronous). Jul. 6, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko; training materials developed by the MSU Human Research Protection Program)
36. "Stata basics: Working with complex survey data and descriptive statistics." Technical training for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual (asynchronous). Jun. 19, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko; training materials developed by M. Beaver)

37. "Integrating gender in policy research and outreach." Technical trainings for PRCI Core Center researchers. Feed the Future Innovation Lab for Food Security Policy, Research, and Influence. Virtual. Jun. 9, 2020. (Co-organizer with R. Meinzen-Dick, E. Bryan, S. Liverpool-Tasie, P. Samboko, and V. Theriault)
38. "Impact evaluation using randomized control trials." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Nov. 29, 2019. (Co-organizer with IDinsight and R. Mofya-Mukuka)
39. "Endogenous switching regression methods." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Sep. 17, 2018. (Co-organizer with H. Ngoma)
40. "Introduction to applied econometrics and Stata." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jun. 25, 2018. (Organizer and Instructor)
41. "Introduction to economic experiments and a focus on framed field experiments." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jun. 22, 2018. (Co-Organizer and Co-Instructor with H. Ngoma)
42. "Difference-in-differences." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Mar. 1, 2018. (Organizer and instructor)
43. "Developing private sector agro-input markets: Lessons learned and emerging perspectives on subsidy programs." International Fertilizer Development Center workshop for government officials, donors, NGOs, input suppliers, and farmers. Jinja, Uganda. Feb. 19-23, 2018. (Co-instructor with J. Ariga, S. Idris, M. Wanzala-Mlobela, K. Kuhlmann, and C. Jumbe)
44. "Impact evaluation: Introduction and methods overview." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Sep. 5, 2017. (Trained the trainer and developed training materials; repeat of Jul. 13, 2017 training for researchers that could not attend.)
45. "Impact evaluation: Introduction and methods overview." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jul. 13, 2017. (Organizer and instructor)
46. "Introduction to applied econometrics and Stata." Technical training for visiting Tanzanian researchers associated with the Tanzania Agriculture Sector Policy and Institutional Reforms Strengthening (ASPIRES) project. East Lansing, MI. May 18, 2017. (Organizer and instructor)
47. "Introduction to modeling agricultural technology adoption." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Apr. 25-26, 2017. (Organizer and instructor)
48. "Introduction to agricultural household models." Technical training for Kenyan researchers. Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya. Apr. 19-20, 2017. (Organizer and instructor)
49. "Writing academic papers." Workshop for Zambian researchers. Mika Convention Center. Lusaka, Zambia. Mar. 27-28, 2017. (Organizer)
50. "Introduction to experimental economics." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. June 29, 2016. (Organizer)
51. "Introduction to agricultural household models." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. June 22-23, 2016. (Organizer and instructor)
52. "Causality, validity, and correcting for endogeneity in linear models." Technical training for Kenyan researchers. Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya. August 20, 2015. (Organizer and instructor)
53. "Quantitative analysis technical training." Technical training for Kenyan researchers. Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya. February 10-14, 2014. (Organizer and instructor)
54. "Academic publication: Strategies and processes." Seminar for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. May 10, 2013. (Organizer and co-instructor (with N. Sitko))

55. “Quantitative analysis capacity building sessions.” A series of 15 technical trainings for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. January 27, 2012-March 22, 2013, 2013. (Organizer and co-instructor (with W. Burke))
56. “Giving effective oral presentations.” Seminar for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. January 26, 2012. (Organizer and co-instructor (with W. Burke))

Service

Editorial Boards

1. *Journal of Agricultural and Applied Economics* (Member, Editorial Council), 2017-2018
2. *Southern African Journal of Development and Policy* (Member, Advisory Board), Mar. 2017-present
[I am serving on this interdisciplinary journal’s advisory board to advance scholars and scholarship in southern Africa, particularly in Zambia, which is the main focus country for my work.]

Refereeing of Journal Articles

American Journal of Agricultural Economics (13), *Applied Economic Perspectives and Policy* (4), *Agricultural Economics* (15), *Journal of Agricultural Economics* (10), *Food Policy* (19), *World Development* (4), *Global Environmental Change* (1), *Oxford Development Studies* (2), *Journal of African Economies* (1), *Journal of Development Studies* (6), *Food Security* (2), *Agrekon* (4), *PLOS One* (4), *Journal of Agricultural & Applied Economics* (4), *European Review of Agricultural Economics* (2), *African Journal of Agricultural & Resource Economics* (1), *African Journal of Agricultural Research* (1)

Professional Association Memberships

1. Member, International Association of Agricultural Economists (IAAE)
2. Member, Agricultural and Applied Economics Association (AAEA)
3. Member, Agricultural Economics Society (AES)
4. Member, African Association of Agricultural Economists (AAAE)

Service to Professional Associations

1. Immediate Past-Chair, AAEA International Section, 2022/23
2. Chair, AAEA International Section Best Publication Award of 2022 Committee, 2023
3. Chair, AAEA International Section, 2021/22
4. Chair-Elect, AAEA International Section, 2020/21 (elected position)
5. Member, AAEA Africa Section Mentorship Committee, 2018/19
6. Secretary/Treasurer, AAEA Africa Section, 2015-2018 (elected position, 3-year term)
7. Co-organizer (with V. Caputo), track session, annual meeting of the AAEA, Washington, DC, Aug. 7, 2018. “Recent developments in using choice experiments to elicit producer and consumer preferences in Africa.”
8. Moderator, Africa Section Mentoring Session, annual meeting of the AAEA, 2018
9. Moderator, selected paper session, annual meeting of the AAEA, 2018
10. Organizer, organized symposium, triennial conference of the IAAE, Vancouver, Canada, Jul. 30, 2018. “Agricultural input subsidy programs in sub-Saharan Africa: Are recent program innovations improving program performance? Evidence from Malawi, Nigeria, and Zambia.”
11. Reviewer, selected papers for the triennial conference of the IAAE, 2018
12. Reviewer, selected papers for the annual meeting of the AAEA, 2018
13. Panelist, AAEA workshop on “Grant Writing by Early Career Professionals”, Jul. 29, 2017
14. Moderator, selected paper session, annual meeting of the AAEA, 2017
15. Reviewer, selected papers for the annual meeting of the AAEA, 2017
16. Co-organizer, 2 track sessions at the annual meeting of the AAEA, 2016
 - “Agri-food system and structural transformation in Africa” (with V. Amanor-Boadu and A. Abdulai, Aug. 1, 2016)
 - “Are poor soils a blessing or a curse? Estimating the relationships among soil quality, agricultural productivity, and poverty in sub-Saharan Africa” (with J. Ricker-Gilbert and M. Muyanga, Aug. 2, 2016)
17. Reviewer, selected papers for the triennial conference of the AAEA, 2016

18. Reviewer, selected papers for the annual meeting of the AAEA, 2016
19. Reviewer, selected poster session at the annual meeting of the AAEA, 2015
20. Moderator, selected paper session at the annual meeting of the AAEA, 2015
21. Reviewer, selected papers for the triennial conference of the IAAE, 2015
22. Reviewer, selected papers for the annual meeting of the AAEA, 2015
23. Reviewer, selected papers for the annual meeting of the AAEA, 2014
24. Co-organizer, 2 mini-symposia, triennial conferences of the IAAE, Foz do Iguacu, Brazil, 2012
 - “Microeconomic effects of grain marketing boards on farm households in sub-Saharan Africa” (with T.S. Jayne and D. Mather, Aug. 22, 2012)
 - “Input promotion programs in Africa: What works, what doesn’t, and why?” (with J. Ricker-Gilbert, G. Shively, T.S. Jayne, and D. Mather, Aug. 20, 2012)

Service to Michigan State University

1. Co-Chair, Search Committee for the Department Chairperson, AFRE, 11/17/22-5/31/23 (elected position)
2. Member, Student Information System Advisory Committee, MSU, Nov. 2022-May 2024
3. Chair, Graduate Admissions & Recruitment Committee, AFRE, 2020/21-present
4. Member, Graduate Policy Committee, AFRE, 2018/19-present
5. Member, Office Coordinator II Search Committee, AFRE, 2023
6. Chair, Academic Program Coordinator Search Committee, AFRE, 2022
7. Member, Communications Manager Search Committee, AFRE, 2022
8. Member, Business Manager Search Committee, AFRE, 2022
9. Member, Career Celebration for Bob Myers Planning Committee, AFRE, Sep.-Nov. 2022
10. Member, Academic Program Coordinator Search Committee, AFRE, 2021
11. Member, Consultation Committee for the Department Chairperson Search, AFRE, 2021 (elected position)
12. Chair, College Graduate Committee, College of Agriculture and Natural Resources (CANR), 2018/19
13. Member, Global Scholars Committee, CANR, 2018/19
14. Presenter, Overview of AFRE research on international and regional economic development. AFRE Prospective Student Visit Day, Mar. 22, 2019.
15. Member, Search Committee for a faculty position in Agricultural and Food Policy, AFRE, Apr. 2018-Feb. 2019
16. Member, Global Strategy Advisory Council, CANR, Feb. 2018-Sep. 2018
17. Secretary, Department Advisory Committee, AFRE, 2017/18
18. Secretary, College Graduate Committee, CANR, 2017/18
19. Organizer, Women in AFRE annual networking event, 2014-present
20. Organizer, AFRE Early Career Faculty monthly lunch meetings, 2015-2017
21. Member, Development Economics Field Exam Committee, AFRE, Summer 2017
22. Guest speaker, MSU Student Economics Association, Feb. 22, 2017
23. Member, Department Advisory Committee, AFRE, 2016/17 (elected position)
24. Member, College Graduate Committee, CANR, 2016/17 (elected position)
25. Faculty panelist, Academy for Global Engagement (AGE) kickoff meeting session on AGE fellow-mentor relationships, Jan. 10, 2017
26. Chair, Development Economics Field Exam Committee, AFRE, Fall 2016
27. Faculty panelist, representing the Food and Agricultural Markets graduate field, AFRE Graduate Orientation, Aug. 29, 2016
28. Invited participant, Alliance for African Partnership Design Workshop, May 10-12, 2016
29. Member, Development Economics Field Exam Committee, AFRE, Summer 2016
30. Member, Strategic Planning Committee on International and Regional Economic Development, AFRE, 2016
31. Member, Search Committee for Seed Systems Faculty, Department of Plant, Soil, and Microbial Sciences, 2016
32. Member, MS Thesis Selection Committee, AFRE, 2015/16
33. Faculty panelist, AFRE Graduate Student Organization brownbag on “Preparing to go on the Ph.D. and M.S. job market”, Sep. 8, 2015

34. Member, Search Committee for the Department Chairperson, AFRE, 2014/15 (elected position)
35. Member, Graduate Admissions Committee, AFRE, 2013/14
36. Member, Search Committee for the Elton R. Smith Endowed Chair in Food & Agricultural Policy, AFRE, 2013/14
37. Core Faculty Member, African Studies Center, 2014-present
38. Core Faculty Member, Center for the Advanced Study of International Development, 2016-2018 (CASID discontinued)

Advisory Work

1. Core Partner, the Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium, Nov. 2018-present. [The SOILS Consortium members are USAID, the International Fertilizer Development Center, and the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL), which is managed by Kansas State University. I am one of eight Core Partners for the Consortium, together with S. Snapp from MSU and two faculty members from each of the following universities: Auburn, University of Colorado-Boulder, and University of Nebraska. The vision of the SOILS Consortium and core partners is “to improve the health and fertility of soils as the foundation for nutritious food production and resilient and sustainable livelihoods”.]
2. Expert Advisor, input subsidy programs, African Fertilizer and Agribusiness Partnership, Apr. 2018-present
3. Board of Advisors (agricultural projects), IDinsight (<http://idinsight.org/>), Aug. 2014-Oct. 2021
4. Consultant, the World Bank, (Input Subsidy Programs in Sub-Saharan Africa), May-Jul. 2015