

NICOLE M. MASON-WARDELL¹

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EDUCATION

Ph.D. Agricultural Economics, Michigan State University, 2011

M.S. Agricultural Economics, Michigan State University, 2008

B.S. Biology, Allegheny College, 2000

ACADEMIC POSITIONS

Associate Professor with tenure, Department of Agricultural, Food, and Resource Economics (AFRE), Michigan State University (MSU), Jul. 2019-present

– Appointments:

- May 16, 2024-present: 65% leadership/service, 20% research, 15% teaching
- Aug. 16, 2020-May 15, 2024: 50% leadership/service, 35% research, 15% teaching
- Jul. 1, 2019-Aug. 15, 2020: 70% research, 30% teaching [FMLA leave: Fall Semester 2019]

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

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

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

– Appointment: 70% research, 30% teaching

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).

- Research Fellow, IAPRI, Aug. 2011-Aug. 2013
- Capacity Building Coordinator, IAPRI, Jan. 2013-Aug. 2013

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

LEADERSHIP EXPERIENCE & DEVELOPMENT

Administrative Leadership Roles & Training

Associate Chairperson and Graduate Program Director (GPD), AFRE, MSU (current role)

– Main Responsibilities:

- Oversee and manage the AFRE graduate program (~60 students, of which ~80% are Ph.D. students; ~\$2 million annual budget)
- Lead graduate admissions and recruitment
- Manage roughly \$375,000 annually in endowment funding and graduate student support from MSU AgBioResearch and the MSU Graduate School, as well as associated reporting requirements

¹ Please note: I publish and do research under my maiden name, Nicole M. Mason.

- Lead AFRE’s involvement in the Nanjing Agricultural University-MSU Institute (NAU-MSUI), a program launched in 2021 through which NAU-based master’s students take AFRE graduate-level courses online
- Serve as a sounding board and strategic partner for the AFRE Chair and others in the department
- Selected Accomplishments:
 - *Raised academic job placement rate:* AFRE increased the share of Ph.D. program graduates securing academic jobs as their first placement by ~40% during my time as GPD compared to the previous 5 years, and strengthened the international reputation of the graduate program
 - *Implemented new joint program:* Led the operationalization and implementation of AFRE’s involvement in the NAU-MSUI. To date, the program has: trained 38 NAU-based master’s students, 2 of which have gone on to pursue AFRE master’s and then doctoral degrees; strengthened faculty partnerships between NAU and MSU; and generated more than \$305,000 in revenue for AFRE.
 - *Secured STEM designation:* Gained a Science, Technology, Engineering, and Mathematics (STEM) designation for AFRE’s graduate degrees, improving program competitiveness and attractiveness to top international applicants due to the potential for an additional 24 months of Optional Practical Training (OPT)/professional experience in the U.S. post-graduation
 - *Built partnership with competitive USDA-FAS fellowship program:* Established AFRE as an inaugural graduate program partner of the U.S. Department of Agriculture Foreign Agricultural Service (USDA-FAS) Diversity Fellowship/[International Agricultural Fellowship Program](#) in 2023 and successfully recruited to MSU 2 of the 7 total fellows to date. This program funds 2-year master’s degrees for students from varied backgrounds that aspire to work for the USDA-FAS.
 - *Strengthened admissions:* AFRE raised graduate program applications by ~10% and successfully recruited 9 top applicants selected for highly competitive MSU funding (1 [University Fellowship](#) and 8 [Academic Achievement Graduate Assistantship](#) recipients) during my time as GPD
 - *Led creation of new extension-focused graduate assistantship program:* Proposed and led the development of a novel Graduate Extension Assistantship (GEA) program in collaboration with MSU Extension (MSUE) and AFRE faculty. GEAs provide AFRE graduate students the opportunity to gain extension experience while responding to MSUE stakeholder needs.
 - *Institutionalized well-being initiatives:* Strengthened the sense of community and belonging in the graduate program, and established workshops on mental health and well-being as core parts of AFRE programming in collaboration with the MSU Graduate School Office of Well-Being

Faculty Fellow for Graduate Studies, CANR-MSU (current role)

- Main Responsibilities: Cover selected duties for and as assigned by CANR Associate Dean for Graduate Studies Dr. Laura Bix while she is concurrently serving as the Interim Director of the MSU School of Packaging. Examples include reviewing CANR approval requests related to graduate admissions, graduate student guidance committees/course plans, doctoral dual majors, and graduate student funding (travel, research enhancement, emergency, and summer support fellowships); representing CANR at MSU Graduate Assistant and Associate Deans (GAAD) meetings as needed; serving as an additional resource and sounding board relating to conflicts involving faculty mentors and graduate students; and co-organizing semesterly workshops for CANR Graduate Program Directors and Coordinators.
- Workshops Co-Organized: (i) “Proactive mentoring – Building relationships and engaging in difficult dialogues with graduate students;” (ii) “Handbook workshop: Student and faculty advising/mentoring concerns and grievances;” and (iii) “Creating cultures of well-being in academia”

LEAD21, 2024/25

- Selected as one of 3 MSU members of [LEAD21 Class 20](#). Strengthened leadership skills related to team building, managing conflict, effective communication, and leading organizational change through this 9-month, competitive leadership development program for leaders in land grant institutions.

Fellow, Academy for Global Engagement, Center for Global Connections in Food, Agriculture, and Natural Resources, Michigan State University, 2015

- This competitive leadership development program sought to “provide leadership interested in addressing some of the world’s most pressing problems” and to “elevate the status of MSU’s global mission” (Source: MSU Academy for Global Engagement)

Agricultural & Applied Economics Association (AAEA) Leadership Roles

Chair-Elect/Chair/Past-Chair, International Section, Aug. 2020-Jul. 2023 [elected position]

Secretary/Treasurer, Africa Section, Aug. 2015-Jul. 2018 [elected position]

AWARDS

Excellence in Service Award, Department of Agricultural, Food, and Resource Economics, Michigan State University, 2024

Excellence in Outreach & Extension Award, Department of Agricultural, Food, and Resource Economics, Michigan State University, 2020 (team award for our policy outreach work through the Feed the Future Innovation Lab for Food Security Policy)

Excellence in Teaching Award, Department of Agricultural, Food, and Resource Economics, Michigan State University, 2019

Bruce Gardner Memorial Prize for Applied Policy Analysis, Agricultural and Applied Economics Association, 2017 (team award for our work on “Farm Input Subsidy Programs in Sub-Saharan Africa”)

- This national award from the Agricultural and Applied Economics Association “recognizes outstanding impact on agricultural, food, environmental, development and other related policy, based on sound foundations in economic theory” (Source: [AAEA](#))

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

- This award “recognizes an early-career faculty member who is making a significant impact on the advancement of international scholarship, teaching, and/or public service and outreach at Michigan State University” (Source: [Michigan State University International Studies & Programs](#))

Excellence in Research Award, Department of Agricultural, Food, and Resource Economics, Michigan State University, 2016

University Distinguished Fellow, Michigan State University, 2005-2010

JOURNAL ARTICLES

To date, I have published or had conditionally accepted for publication 41 journal articles (40 peer-reviewed), of which 21 were from 2019 to present. Per Google Scholar as of June 2025, I have an h-index of 30 and 3,648 total citations (2,151 since 2019). Citation counts below are per Google Scholar.

* indicates peer-reviewed. Underline (dashed underline) indicates advisee (other graduate student mentee) at the time of research. First author is lead and corresponding author unless otherwise noted.

1. *Y. Lee, E. Bryant, **N. Mason**, I. Hassen, V. Theriault, & C. Ringler. 2025. “The impacts of small-scale irrigation on women’s time allocation in Ethiopia.” Conditionally accepted at *World Development*.
2. *L.S.O. Liverpool-Tasie, M. Gurmu, **N. Mason**, & J. Tambo. 2025. “The changing landscape of Africa’s fertilizer market: Implications for research and policy.” *Annual Review of Resource Economics* 17 (in press). [Note: Second authorship equally shared by Gurmu, Mason, and Tambo.]
3. *M. Maredia, J. Farris, **N. Mason**, & S. Morgan. 2025. “Does providing free trial packs with demonstration plots increase the adoption of agricultural technologies? Cost effectiveness evidence from Tanzania.” *Agricultural Economics* (in press). [LINK](#)

4. *[A. Melkani](#), **N. Mason**, D. Mather, [B. Chisanga](#), & 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. [LINK](#)
5. *[J. Farris](#), M. Maredia, **N. Mason**, & D. Ortega. 2024. “Farmer personality and community-based extension effectiveness in Tanzania.” *World Development* 173: 106424. [LINK](#)
6. *[C. Sauer](#), T. Reardon, & **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. [LINK](#)
7. *[W.J. Burke](#), S. Morgan, [T. Namonje](#), M. Muyanga, & **N. Mason**. 2023. “Beyond the ‘inverse relationship’: Area mismeasurement affects actual productivity, not just how we understand it.” *Agricultural Economics* 54 (5): 557-569. [LINK](#)
8. *[L. Steinhübel](#), A. Wenzel, P. Hulamani, S. von Cramon-Taubadel, & **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. [Note: Steinhübel was a visiting Ph.D. student to AFRE.] [LINK](#)
9. *[M. Dolislager](#), L.S.O. Liverpool-Tasie, **N. Mason**, T. Reardon, & 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. [LINK](#)
10. *[A. Gerard](#), M.C. Lopez, **N. Mason**, & A. Bizozza. 2022. “Do government zoning policies improve buyer-farmer relationships? Evidence from Rwanda’s coffee sector.” *Food Policy* 107: 102209. [LINK](#)
11. *[D. Olson](#), **N. Mason**, L. Kirimi, & J. Makau. 2022. “Do changes in maize prices and input prices affect smallholder farmers’ soil fertility management decisions? Panel survey evidence from Kenya.” *Agrekon* 61 (2): 167-191. [Note: Mason corresponding author.] [LINK](#)
12. *[J. Kim](#), **N. Mason**, D. Mather, & 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. [Note: Mason led R&R.] [LINK](#)
13. *[S. Morgan](#), **N. Mason**, & M. Maredia. 2020. “Lead-farmer extension and smallholder valuation of new agricultural technologies in Tanzania.” *Food Policy* 97: 101955. [LINK](#)
14. *M. Smale, V. Theriault, & **N. Mason**. 2020. “Does subsidizing fertilizer contribute to the diet quality of farm women? Evidence from rural Mali.” *Food Security* 12: 1407-1424. [LINK](#)
15. ***N. Mason**, A. Wineman, & S. Tembo. 2020. “Reducing poverty by ‘ignoring the experts’? Evidence on input subsidies in Zambia.” *Food Security* 12: 1157-1172. [LINK](#)
16. *J. Pelletier, H. Ngoma, **N. Mason**, & C.B. Barrett. 2020. “Does smallholder maize intensification reduce deforestation? Evidence from Zambia.” *Global Environmental Change* 63: 102127. [LINK](#)
17. *Y. Kusunose, **N. Mason**, & 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. [LINK](#)
18. *W. Fung, S. Liverpool-Tasie, N. Mason, & R. Uwaifo Oyelere. 2020. “Do crop purchase programs improve smallholder welfare? The case of Zambia’s Food Reserve Agency.” *Agricultural Economics* 51 (4): 519-533. [Note: Authors listed in alphabetical order. Lead authorship equally shared.] **[Recognized by *Agricultural Economics* in 2022 as a top-cited article generating immediate impact.]** [LINK](#)
19. *[S. Morgan](#), **N. Mason**, & R. Shupp. 2019. “The effects of voice with(out) punishment: Public goods provision and rule compliance.” *Journal of Economic Psychology* 74: 1-16. [LINK](#)
20. *[J. Kim](#), **N. Mason**, S. Snapp, & F. Wu. 2019. “Does sustainable intensification of maize production enhance child nutrition? Evidence from rural Tanzania.” *Agricultural Economics* 50 (6): 723-734. [LINK](#)
21. *[S. Morgan](#), **N. Mason**, [N.K. Levine](#), & O. Zulu-Mbata. 2019. “Dis-incentivizing sustainable intensification? The case of Zambia’s maize-fertilizer subsidy program.” *World Development* 122: 54-69. [LINK](#)

22. *C. Sauer, **N. Mason**, M. Maredia, & 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. [LINK](#)
23. *T.S. Jayne, **N. Mason**, W.J. Burke, & J. Ariga. 2018. "Taking stock of Africa's second-generation agricultural input subsidy programs." *Food Policy* 75: 1-14. [376 citations] [LINK](#)
24. ***N. Mason**, T.S. Jayne, & 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. [LINK](#)
25. *A. Wineman, **N. Mason**, J. Ochieng, & L. Kirimi. 2017. "Weather extremes and household welfare in rural Kenya." *Food Security* 9 (2): 281-300. [LINK](#)
26. ***N. Mason**, A. Wineman, L. Kirimi, & 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. [LINK](#)
27. ***N. Mason**, T.S. Jayne, & B. Shiferaw. 2015. "Africa's rising demand for wheat: Trends, drivers, and policy implications." *Development Policy Review* 33 (5): 581-613. [LINK](#)
28. T.S. Jayne, D. Mather, **N. Mason**, J. Ricker-Gilbert, & 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. [LINK](#)
29. *H. Ngoma, **N. Mason**, & 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. [LINK](#)
30. ***N. Mason**, T.S. Jayne, & 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. [LINK](#)
31. *M. Smale & **N. Mason**. 2014. "Hybrid seed and the economic well-being of smallholder maize farmers in Zambia." *Journal of Development Studies* 50 (5): 680-695. [108 citations] [LINK](#)
32. *J. Ricker-Gilbert, **N. Mason**, F. Darko†, & 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. [126 citations] [LINK](#)
33. ***N. Mason** & 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. [165 citations] [LINK](#)
34. *T.S. Jayne, D. Mather, **N. Mason**, & 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. [207 citations] [LINK](#)
35. ***N. Mason**, T.S. Jayne, & R. Mofya-Mukuka. 2013. "Zambia's input subsidy programs." *Agricultural Economics* 44 (6): 613-628. [216 citations] [LINK](#)
36. ***N. Mason** & 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. [143 citations] [LINK](#)
37. ***N. Mason** & J. Ricker-Gilbert. 2013. "Disrupting demand for commercial seed: Input subsidies in Malawi and Zambia." *World Development* 45 (May): 75-91. [Note: Authors listed in alphabetical order. Lead authorship equally shared.] [204 citations] [LINK](#)
38. ***N. Mason** & R. Myers. 2013. "The effects of the Food Reserve Agency on maize market prices in Zambia." *Agricultural Economics* 44 (2): 203-216. [134 citations] [LINK](#)
39. ***N. Mason**, T.S. Jayne, A. Chapoto, & 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. [LINK](#)

40. *Chapoto, T.S. Jayne, & **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. [LINK](#)
41. ***N. Mason**, T.S. Jayne, A. Chapoto, & R. Myers. 2010. "A test of the new variant famine hypothesis: Panel survey evidence from Zambia." *World Development* 38 (3): 356-368. [LINK](#)

BOOK CHAPTERS

1. *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.
2. ***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.
3. **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.

PAPERS SUBMITTED TO JOURNALS

Underline (dashed underline) indicates advisee (other graduate student mentee) at the time of research.

1. 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." Under review.
2. M. Maredia, J. Olwande, J. Ricker-Gilbert, D. Mather, and **N. Mason**. "Kenyan farmers' policy priorities during economic crisis and stability: Insights from a best-worst scaling experiment." Under review.
3. D. Zhang, **N. Mason**, and S. Jin. "Land rental, soil health, and land investment differences: Panel survey evidence from rural China." Under review. [Note: Zhang was a visiting Ph.D. student to AFRE.]

WORKS IN PROGRESS

Underline (dashed underline) indicates advisee (other graduate student mentee) at the time of research.

1. "Willingness to pay for soil testing among smallholder maize farmers in Kenya" (with J. Olwande, L. Kirimi, N. Odhiambo, and S. Darko-Koomson).
2. "Does soil testing affect maize farmers' use of soil acidity management practices and willingness to pay for agricultural lime? Evidence from a field experiment in Kenya" (with J. Olwande, L. Kirimi, N. Odhiambo, and S. Darko-Koomson).
3. "How do input subsidy programs affect smallholder households' dietary diversity? Evidence from Zambia" (with D. Kwon, R. Myers, and L.S.O. Liverpool-Tasie).
4. "Combating hardened soils for agricultural productivity: Farmer preferences for soil and water conservation methods in Niger" (with C. Biedny, V. Caputo, A. Nord, A. Staples, V. Morrone, J. Herrick, V. Bado, and S. Snapp).
5. "Personality traits and smallholder farmers' willingness to pay for new technologies: Evidence from Tanzanian bean producers" (with S. Morgan, J. Farris, M. Maredia, and D. Ortega).
6. "Agricultural innovation and technology adoption: Incentives for delay reconsidered" (with S. Morgan and R. Shupp).

GRANTS

External Funding - Total awarded to date: ~\$30.49 million (Credited amount: ~\$2.19 million)
Since 2019: ~\$23.81 million awarded (Credited amount: ~\$1.29 million)

1. U.S. Agency for International Development (USAID). \$23,425,820 (Credited amount: \$1,217,549). “Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence.” Co-PI. 5/15/19-5/14/26 (projected terminated 2/26/25).
2. USAID via the Feed the Future Lab for [Advancing Local Leadership, Innovation, and Network \(ALL-IN\)](#). \$526,586. “Willingness to Pay for Soil Testing and Impact of Soil Test Information on Demand for Soil Acidity Management Technologies on Smallholder Farms in Kenya.” U.S. university-based mentor and proposal co-author. 6/1/21-5/31/25 (project terminated 2/26/25). Note: Grant was directly to the Tegemeo Institute of Agricultural Policy and Development, per ALL-IN policy. †Grant amount not included in totals.
3. USAID via the International Fertilizer Development Center. \$380,088 (Credited amount: \$76,018). “Site-Specific Soil Data Management for Improvement of Soil Productivity and Farm-Level Profitability for Marginal Arable Lands of Ethiopia and Niger.” Co-PI. 1/1/20-7/31/22.
4. USAID via the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. \$996,764 (Credited amount: \$239,223). “Raising Crop Response: Bidirectional Learning to Catalyze Sustainable Intensification at Multiple Scales.” Co-PI. 10/1/15-6/30/20.
5. U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture via North Central Region Sustainable Agriculture Research & Education. \$11,979 (Credited amount: \$11,979). “Measuring Farmer Response to the Speed of Agricultural Innovation: Experimental Evidence from Michigan.” PI. Co-PI: Stephen Morgan. 9/1/17-12/31/20.
6. USAID Zambia Mission. \$1,100,168 (Credited amount: \$310,059). “Food Security Policy Innovation Lab – Zambia Buy-In.” PI, 5/1/18-1/14/20; Co-PI 5/1/16-4/30/18 (Co-PIs: M. Muyanga, T.S. Jayne, N. Sitko, and E. Crawford). 5/1/16-1/14/20.
7. USAID. \$700,000 (Credited amount: \$49,000). “Food Security Policy Innovation Lab – Capacity Development in Agricultural Innovation System (CDAIS) Toolkit Buy-In.” Co-PI. 7/15/13-1/14/20.
8. USAID. \$3,850,601 (Credited amount: \$269,542). “Food Security Policy Innovation Lab.” Co-PI. 7/15/13-1/14/20.
9. USDA-Economic Research Service (ERS) via the Center for Behavioral and Experimental Agricultural Environmental Research. \$9,996 (Credited amount: \$9,996). “Measuring Farmer Participation and Compliance: Agri-Environmental Regulation in Michigan.” PI. Co-PI: S. Morgan. 10/1/15-7/31/17.
10. USAID Kenya Mission via Egerton University. \$1,997,916. “Tegemeo Agricultural Policy Research and Analysis Project II (TAPRA II).” Co-PI, 9/1/13-12/31/17. Project dates: 6/1/12-12/31/17. Note: †Grant amount not included in totals; joined as Co-PI after project initiation.
11. USAID Zambia Mission. \$11,444,812. “Food Security Research Project - Phase III.” Co-PI, 9/1/13-4/20/16. Project dates: 10/21/10-4/20/16. Note: †Grant amount not included in totals; joined as Co-PI after project initiation.
12. USDA-ERS. Cooperative Agreement. \$10,000 (Credited amount: \$10,000). “Implementing the ERS Food Security Model.” PI. Co-PI: S. Morgan. 9/1/15-1/30/16.

Internal Funding

1. MSU Alliance for African Partnership (AAP). \$39,996. “The Partnership for Enabling Market Environments for Fertilizer in Africa (PEMEFA).” PI. Co-PIs: J. Olwande, H. Ngoma, K. Kuhlmann, and M. Wanzala. 7/1/20-12/31/21.
2. MSU Center for Advanced Study of International Development. \$9,374. “Rwanda Coffee Value Chain Policy Analysis.” Co-PI. 7/1/18-6/30/19.

3. MSU AAP. \$199,999. “Improving the Enabling Environment for Fertilizer Markets in Africa: An Institutional Collaborative Approach to Value Chain Development.” PI. Co-PIs: K. Kuhlmann, C. Jumbe, M. Wanzala, and J. Ariga. 5/1/17-12/31/18.

TEACHING

Michigan State University – Dept. of Agricultural, Food, & Resource Economics (AFRE), 2014-present

Courses taught

- **AFRE 802 (previously AEC 802), Statistical Methods for Agricultural, Food, & Resource Economists.** 3 credit hours. 2014-present (excluding 2019 due to FMLA leave). Fall semester. 5-16 students/year.
 - This required course for first-year M.S. students in AFRE covers probability theory and common probability distributions, random variables, sampling distributions, and hypothesis testing, and provides an introduction to simple linear regression, all with applications in agricultural, food, and resource economics. The course also attracts students from the Accounting and Forestry Ph.D. programs. I completely overhauled this course when I took it over in 2014.
- **AFRE 861 (previously AEC 861), Agriculture in Economic Development.** Co-taught with S. Liverpool-Tasie (50% responsibility). 3 credit hours. 2014-2018. Fall semester. 8-18 students/year.
 - This M.S./Ph.D.-level course is a required course for the AFRE Ph.D. major field in Development Economics and attracts M.S. and Ph.D. students with international development interests from AFRE and various units across MSU. The course covers agricultural and structural transformation, separable agricultural household models, technology adoption, poverty traps, transformation of markets and policy debates, and the rural non-farm economy, *inter alia*. Liverpool-Tasie and I significantly restructured the course content and deliverables when we took it over in 2014.
- **AFRE 961, Advanced Agricultural Development Economics.** Team taught with S. Jin, A. Dillon, and M. Porter (25% responsibility). 3 credit hours. 2017. Spring semester. 6 students.
 - Ph.D.-level required course for all AFRE Ph.D. students with a major field in Development Economics.
 - I taught ¼ of the course in 2017 when the perennial lead instructor was on assignment off campus. My section of the course covered topics related to land productivity and land size, factor markets, infrastructure, information communication technologies, and advanced topics in technology adoption.
- **ABM 203, Data Analysis for the Agri-Food System.** Co-taught with an AFRE Ph.D. student each year (50% responsibility). 3 credit hours. 2017 and 2018. Fall semester. 52-83 students/year.
 - This required course for AFRE undergraduate majors and minors introduces students to quantitative methods for agribusiness decision-making and builds students’ Excel skills.
 - I developed a mentoring model for this course. I co-taught it with a Ph.D. student each year, mentoring them in pedagogy and classroom management, and preparing them to serve as the lead instructor for later portions of the course. I observed and provided feedback after (and before) each such class session.

Student evaluations of courses and teaching

- Throughout my teaching career at MSU, student evaluations of my courses and teaching have been outstanding and consistently among the strongest in the AFRE department. For details on these student evaluations, see Table 1 (for 2023-present) and Table 2 (for 2014-2022) on p. 33. (Results are split into two tables due to a change in the student evaluation tool used by MSU in 2023.)
- Highlights:
 - 2023-2024: Perfect scores for “Course Organization” and “Instructor as Teacher” (taught AFRE 802)

- 2014-2022: In all years for all four courses taught, mean scores across all questions on the student evaluations (far right column in Table 2 on p. 33) fall in the 1.18-1.89 range on a 5-point scale where 1=“Superior” and 2=“Above Average.” For the two main courses I taught during this period (AFRE 802 and AFRE 861), these mean scores improved considerably over time (e.g., from 1.61 in 2014 to 1.19 in 2022 for AFRE 802, and from 1.88 in 2014 to 1.30 in 2018 for AFRE 861; 2018 was the last year I taught AFRE 861 due to my subsequent appointment as Associate Chairperson and Graduate Program Director).

University of Zambia – Dept. of Agricultural Economics & Extension Education, 2011-2012

- 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)

GRADUATE STUDENT ADVISING

Note: Year degree awarded in parentheses. For advisees: First placement listed after year degree awarded.

Major professor

Ph.D. students

1. Stephen Morgan (2018) – University of Florida (tenure track)
2. Jongwoo Kim (2019) – Korea Energy Economics Institute
3. Aakanksha Melkani (2021) – University of Nebraska-Lincoln (postdoc)
4. Daniela Kwon (2024) – Economic Development Department, State of New Mexico
5. Yeyoung Lee (in progress)
6. Saera Oh (in progress)

M.S. students

1. N. Kendra Levine (2015) – US Supply Chain Sustainability, McDonald’s Corporation
2. David Olson (2018) – USDA Economic Research Service
3. Megan Bellinger (2020) – Ipsos
4. Christina Biedny (2021) – Ph.D. student, Oklahoma State University
5. Paul Samboko (2022) – Disaster Management and Mitigation Unit, Government of the Republic of Zambia
6. Luke Muller (in progress)
7. Samuel Darko-Koomson (in progress)

Guidance committee member

AFRE Ph.D. students

1. Michael Dolislager (2017)
2. John Olwande (transferred to another program after 2 years)
3. Obafemi Elegbede (transferred to another program after 2 years)
4. Christine Sauer (2021)
5. Evgeniya Moskaleva (2022)
6. Sudhir Singh (2023)
7. Tram Hoang (2024)
8. Caitlin Herrington (2024)
9. Sibbir Ahmad (2024)
10. Ian Fisher (in progress)
11. Asma Yeasmin Sampa (in progress)

AFRE M.S. students

1. Adam Soliman (2016)
2. Ange Kakpo (2016)
3. Tian Cai (2018)
4. Trhas Fkadu (2018)
5. Brian Bartle (2019)
6. Soojung Ahn (2019)
7. Kevin Affoukou (2020)
8. Simone Faas (2020)
9. Clare McGrady (in progress)
10. Yingfei Xie (in progress)
11. Yiming Liu (in progress)

Ph.D. students in other MSU departments

1. Robert Martin (2017) – Economics
2. Alyssa Carlson (2019) – Economics
3. Alison Nord (2019) – Crop and Soil Science
4. Andrew Gerard (2020) – Community Sustainability
5. Chiwimbo Gwenambira Mwika (2020) – Crop and Soil Science
6. Nicholas Brown (2022) – Economics
7. Benjamin Miller (2023) – Economics
8. Kieron Moller (in progress) – Biosystems and Agricultural Engineering

Other Graduate Research Assistants (in addition to advisees above)

1. Ayala Wineman (Ph.D. student, AFRE). Oct. 2014-Dec. 2015, Kenya/TAPRA II project
2. Jason Snyder (Ph.D. student, AFRE). Sep. 2017-Jun. 2018, Food Security Policy Innovation Lab – Zambia Buy-In
3. Hanna Carlson (Ph.D. student, AFRE). Jan. 2022-Aug. 2022, 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.

MENTORING OF JUNIOR FACULTY

1. Dr. Joseph Goeb, Assistant Professor (fixed term), AFRE, Jun. 2023-present (mentoring committee member)
2. Dr. Kajal Gulati, Assistant Professor (tenure system), AFRE, Sep. 2024-present (mentoring committee chair)

SERVICE

Editorial Service

1. *Journal of Agricultural and Applied Economics* (Editorial Council Member), 2017-2018
2. *Southern African Journal of Development and Policy* (Advisory Board Member), 2017-2021.
[I served on this interdisciplinary journal's advisory board to advance scholars and scholarship in southern Africa, particularly in Zambia, which is a focus country for my work.]

Journal Refereeing Service

American Journal of Agricultural Economics
Agricultural Economics
European Review of Agricultural Economics
Journal of Agricultural & Applied Economics
Journal of Agricultural Economics
Applied Economic Perspectives and Policy
Food Policy
World Development
Global Environmental Change
PLOS One
Oxford Development Studies
Journal of African Economies
Journal of Development Studies
Food Security
Agrekon
African Journal of Agricultural & Resource Economics
African Journal of Agricultural Research

Professional Association Memberships

African Association of Agricultural Economists
 Agricultural & Applied Economics Association
 Agricultural Economics Society
 International Association of Agricultural Economists

Service to Professional Associations (beyond the elected positions listed on p. 3)*Agricultural & Applied Economics Association (AAEA)*

Co-organizer (with S. Liebenehm and V. Pede), track session, annual meeting of the AAEA, Denver, CO, Jul. 28, 2025. “Africa's agricultural future: Pathways to improved productivity, sustainability, and food security.” [upcoming]
 Chair, AAEA International Section Best Publication Award of 2022 Committee, 2023
 Member, AAEA Africa Section Mentorship Committee, 2018/19
 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.”
 Moderator, Africa Section Mentoring Session, annual meeting of the AAEA, 2018
 Moderator, selected paper session, annual meetings of the AAEA, 2018, 2017, 2015
 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.”
 Reviewer, selected papers or posters for the annual meetings of the AAEA, 2018, 2017, 2016, 2015, 2014
 Panelist, AAEA workshop on “Grant Writing by Early Career Professionals”, Jul. 29, 2017
 Co-organizer, 2 track sessions at the annual meeting of the AAEA, Boston, MA, 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)

International Association of Agricultural Economists (IAAE)

Reviewer, selected papers for the triennial conferences of the IAAE, 2018, 2015

Co-organizer, 2 mini-symposia, triennial conference of the IAAE, Foz do Iguaçu, 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)

African Association of Agricultural Economists (AAAE)

Reviewer, selected papers for the triennial conference of the AAAE, 2016

Service to Michigan State University (beyond the leadership roles listed on pp. 1-2)*Elected Committee Work*

1. Co-Chair, Search Committee for the Department Chairperson, AFRE, 2022/23
2. Member, Consultation Committee for the Department Chairperson Search, AFRE, 2021
3. Chair, College Graduate Committee, CANR, 2018/19
4. Secretary, Department Advisory Committee, AFRE, 2017/18
5. Secretary, College Graduate Committee, CANR, 2017/18
6. Member, Department Advisory Committee, AFRE, 2016/17
7. Member, College Graduate Committee, CANR, 2016/17
8. Member, Search Committee for the Department Chairperson, AFRE, 2014/15

Other Committee Work & Service

9. Member, Student Information System Advisory Committee, MSU, Nov. 2022-May 2024
10. Chair, Graduate Admissions & Recruitment Committee, AFRE, 2020/21-present
11. Member, Graduate Policy Committee, AFRE, 2018/19-present
12. Member, Office Coordinator II Search Committee, AFRE, 2023
13. Chair, Academic Program Coordinator Search Committee, AFRE, 2022
14. Member, Communications Manager Search Committee, AFRE, 2022
15. Member, Business Manager Search Committee, AFRE, 2022
16. Member, Career Celebration for Bob Myers Planning Committee, AFRE, Sep.-Nov. 2022
17. Member, Academic Program Coordinator Search Committee, AFRE, 2021
18. Member, Global Scholars Committee, CANR, 2018/19
19. Presenter, Overview of AFRE research on international and regional economic development. AFRE Prospective Student Visit Day, Mar. 22, 2019.
20. Member, Search Committee for a faculty position in Agricultural and Food Policy, AFRE, Apr. 2018-Feb. 2019
21. Member, Global Strategy Advisory Council, CANR, Feb. 2018-Sep. 2018
22. Secretary, Department Advisory Committee, AFRE, 2017/18
23. Co-Organizer, Women in AFRE annual networking event, 2014-present
24. Organizer, AFRE Early Career Faculty monthly lunch meetings, 2015-2017
25. Guest speaker, MSU Student Economics Association, Feb. 22, 2017
26. Faculty panelist, Academy for Global Engagement (AGE) kickoff meeting session on AGE fellow-mentor relationships, Jan. 10, 2017
27. Chair, Development Economics Field Exam Committee, AFRE, Fall 2016
28. Member, Development Economics Field Exam Committee, AFRE, Summer 2017, Summer 2016
29. Faculty panelist, representing the Food and Agricultural Markets graduate field, AFRE Graduate Orientation, Aug. 29, 2016
30. Invited participant, Alliance for African Partnership Design Workshop, May 2016

31. Member, Strategic Planning Committee on International and Regional Economic Development, AFRE, 2016
32. Member, Search Committee for Seed Systems Faculty, Department of Plant, Soil, and Microbial Sciences, 2016
33. Member, MS Thesis Selection Committee, AFRE, 2015/16
34. Faculty panelist, AFRE Graduate Student Organization brownbag on “Preparing to go on the Ph.D. and M.S. job market”, Sep. 8, 2015
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 & POLICY ENGAGEMENT ROLES

Core Partner, the Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium, Nov. 2018-Jul. 2022.

- The SOILS Consortium members were USAID, the International Fertilizer Development Center, and the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. I was one of eight Core Partners for the Consortium, together with S. Snapp from MSU and two faculty members each from Auburn University, the University of Colorado-Boulder, and the University of Nebraska. The vision of the SOILS Consortium and Core Partners was “to improve the health and fertility of soils as the foundation for nutritious food production and resilient and sustainable livelihoods.”

Expert Advisor on input subsidy programs, African Fertilizer and Agribusiness Partnership, Apr. 2018-Mar. 2020

Board of Advisors (agricultural projects), IDinsight (<http://idinsight.org/>), Aug. 2014-Oct. 2021

Consultant (Input Subsidy Programs in Sub-Saharan Africa), the World Bank, May-Jul. 2015

SELECTED TECHNICAL REPORTS & WORKING PAPERS

Underline (dashed underline) indicates advisee (other graduate student mentee) at the time of research.

- J. Olwande, N. Odhiambo, L. Kirimi, and **N. Mason**. 2023. “Baseline survey and willingness to pay for soil test report.” Report on the ALL-IN project entitled, “Willingness to Pay for Soil Testing and the Impact of Soil Test Information on Demand for Soil Acidity Management Technologies on Smallholder Farms in Kenya.” Feed the Future Innovation Lab for Markets, Risk & Resilience, The International Centre for Evaluation and Development, and the Tegemeo Institute of Agricultural Policy and Development. Nairobi, Kenya.
- L. Steinhübel, A. Wenzel, P. Hulamani, 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, KS.
- 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. Hgoma, 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, KS.
- 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, KS.
- 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.
- J. Ariga, S. Keating, K. Kuhlmann, **N. Mason**, and M. Wanzala-Mlobela (no senior authorship assigned). 2018. “Creating an enabling environment for private sector investment in fertilizer value chains in sub-Saharan Africa: Empirical evidence and knowledge gaps.” East Lansing, MI. <https://www.canr.msu.edu/resources/creating-an-enabling-environment-for-private-sector-investment-in-fertilizer-value-chains-in-sub-saharan-africa-empirical-evidence-and-knowledge-gaps>
- 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. <https://ageconsearch.umn.edu/record/118477>

- 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. <https://ageconsearch.umn.edu/record/99610>
- 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. <https://ageconsearch.umn.edu/record/56803>

POLICY BRIEFS & WHITE PAPERS

Underline (dashed underline) indicates advisee (other graduate student mentee) 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, KS.
- 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, KS.
- 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, KS.
- 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, KS.
- 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.
- 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. <https://ageconsearch.umn.edu/record/260419>
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

POPULAR PRESS ARTICLES & 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. 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

Over the course of my career, my work has been presented 165 times: 61 presentations at professional association meetings, 72 presentations at other conferences, seminars, and research convenings, and 32 presentations at outreach/stakeholder meetings/events.

* indicates presenter. Underline (dashed underline) indicates advisee (other graduate student mentee) at the time of research.

1. Liverpool-Tasie, L.S.O., *M. Gurmu, **N. Mason**, and J. Tambo. “The changing landscape of Africa’s fertilizer market: Implications for research and policy.” Presentation at the International Institute of Tropical Agriculture (IITA). Ibadan, Nigeria. Nov. 29, 2024.
2. *J. Olwande, L. Kirimi, **N. Mason**, and N. Odhiambo. “Effects of Kenya’s National Fertilizer Subsidy Program on private sector fertilizer businesses.” Presentation at the annual meeting of the Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence. Dakar, Senegal. Nov. 25, 2024.
3. *J. Olwande, 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.
4. *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.” 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.
5. *J. Olwande, 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.
6. *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.
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.” Selected paper presented at the Agricultural & Applied Economics Association’s annual meeting. New Orleans, LA. Jul. 29, 2024.
8. *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.
9. *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.
10. *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.
11. *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.
12. *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.
13. *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.
14. *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.
15. *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.
16. *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.
17. *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.
 18. *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.
 19. *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.
 20. *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.
 21. *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.
 22. *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.
 23. *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.
 24. *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.
 25. 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.
 26. *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.
 27. ***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.
 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 17th Midwest International Economic Development Conference. Virtual. Apr. 17, 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.” Selected paper presented at the Centre for the Study of African Economies Conference on Economic Development in Africa. Virtual. Mar. 24, 2020.
 30. 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.

31. *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.
32. **N. Mason**, *A. Kuteya, H. Ngoma, D.A. Tossou, 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.
33. *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.
34. **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.
35. *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.
36. 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.
37. *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.
38. *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.
39. *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.
40. 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.
41. 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.
42. *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.
43. *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.
44. *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.
45. *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.

46. *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.
47. *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.
48. *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.
49. ***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.
50. *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.
51. *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.
52. ***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.
53. *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.
54. ***N. Mason**. Launch of the Sustainable Opportunities to Improve Livelihoods with Soils (SOILS) Consortium. USAID. Invited panelist. Washington, DC. Mar. 15, 2019.
55. *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.
56. *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.
57. *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.
58. *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.
59. *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.
60. ***N. Mason**, D.A. Tossou, 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.
61. ***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.
62. *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.
 63. *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.
 64. *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.
 65. *S. Morgan, **N. Mason**, N.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.
 66. ***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.
 67. *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.
 68. *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.
 69. ***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.
 70. ***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.
 71. *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.
 72. *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.
 73. *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.*
 74. ***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.
 75. *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.

76. ***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.
77. *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.
78. ***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.
79. ***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.
80. ***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.
81. ***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.
82. ***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.
83. ***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.
84. ***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.
85. ***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.*
86. *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.
87. *S. Snapp, F. Baijukya, 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.
88. ***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.
89. *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.
90. *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.

91. N.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.
92. *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.
93. ***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.
94. *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.
95. *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.
96. 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.
97. ***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.
98. N.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, 2016.
99. ***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.
100. 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.
101. 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.
102. ***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.
103. ***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.
104. ***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.
105. *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.
106. **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.

107. *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.
108. *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.
109. ***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.
110. *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.
111. 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.
112. ***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.
113. ***N. Mason**, A. Wineman, L. Kirimi, 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.
114. *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.
115. ***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.
116. *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.
117. *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.
118. ***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.
119. *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.
120. ***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. YouTube video: <https://youtu.be/oMf7-0TR6xA>.
121. ***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.
122. ***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.

123. *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.
124. ***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.
125. 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.
126. ***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.
127. **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.
128. ***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.
129. ***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.
130. **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.
131. ***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.
132. ***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.
133. ***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.
134. ***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.
135. **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.
136. ***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.
137. ***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.
138. ***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.

139. **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.
140. ***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.
141. *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.
142. ***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.
143. ***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.
144. *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.
145. *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.
146. *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.
147. ***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.
148. *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.
149. ***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.
150. ***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.
151. *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.
152. *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.

153. ***N. Mason.** “Maize, fertilizer, and politics: The effects of the Zambia 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.
154. 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.
155. ***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.
156. ***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.
157. 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.
158. 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.
159. 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.
160. 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.
161. ***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.
162. ***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.
163. ***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.
164. ***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.
165. 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.

TECHNICAL TRAININGS & WORKSHOPS ORGANIZED OR INSTRUCTED

Graduate education-related workshops (for Graduate Program Directors and Coordinators in the MSU College of Agriculture and Natural Resources)

1. “Proactive mentoring – Building relationships and engaging in difficult dialogues with graduate students.” Mar. 13, 2025. (Co-organizer and co-developer of workshop materials with S. Burton-University Ombudsperson, L. Bix, and A. Harlow)
2. “Handbook workshop: Student and faculty advising/mentoring concerns and grievances.” Sep. 11, 2024. (Co-organizer and co-developer of workshop materials with L. Bix, A. Harlow, and S. Burton)

3. “Creating cultures of well-being in academia.” Feb. 28, 2024. (Co-organizer with M. Moore, L. Bix, and A. Harlow; workshop materials developed by M. Moore-Director of the MSU Graduate School Office of Well-Being)

Research- or outreach-related technical trainings (for various grant-funded projects)

Over my career, I have helped organize, design materials for, and/or instruct 69 technical trainings for researchers at African and/or Asian agricultural policy research institutes. The materials for the Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence (PRCI)-sponsored workshops are publicly available [online](#). I co-led the Africa Technical Training component of PRCI.

Technical trainings for PRCI Centers for Policy Leadership (CPLs)

(All trainings were virtual and synchronous unless otherwise specified; several trainings also provided materials asynchronously)

1. “Climate smart agriculture innovation: Towards an evidence-based strategy and learning approach.” Feb. 13, 2024. (Co-organizer with D. Boughton, W. Attavanich, Y. Lee, and V. Theriault)
2. “Beyond add women and stir: Effective proposal writing for gender-related research.” Jan. 18, 2024. (Co-organizer with R. Meinzen-Dick, E. Bryan, N. F. Faye, Y. Lee, and V. Theriault)
3. “Strategies for drawing valid policy implications from research findings.” Nov. 28, 2023. (Co-organizer with M. Guloba, B. Oyelami, K. Davis, Y. Lee and V. Theriault)
4. “Mapping market accessibility using QGIS.” Oct. 17, 2023. (Co-organizer with J. Koo, Y. Lee and V. Theriault)
5. “Roadmap to success for research leading to journal publications.” Oct. 5, 2023. (Co-organizer with D. Boughton, Y. Lee, and V. Theriault)
6. “Presenting gender research.” Aug. 3, 2023. (Co-organizer with R. Meinzen-Dick, E. Bryan, L. Kirimi, Y. Lee, and V. Theriault)
7. “Integrating gender into research and development projects.” Jul. 27, 2023. (Co-organizer with R. Meinzen-Dick, E. Bryan, L. Kirimi, Y. Lee, and V. Theriault)
8. “Introduction to desktop GIS with QGIS.” Jun. 13, 2023. (Co-organizer with J. Koo, Y. Lee and V. Theriault)
9. “Formulation de recommandations à partir de données agronomiques – Partie 2.” For Senegalese PRCI CPL, Institut Sénégalais de Recherches Agricoles Bureau d'Analyses Macro Economiques (ISRA-BAME). May 26, 2023. (Co-organizer and training material developer E. Crawford, V. Theriault, and Y. Lee)
10. “Formulation de recommandations à partir de données agronomiques – Partie 1.” For Senegalese PRCI CPL, ISRA-BAME. May 24, 2023. (Co-organizer and training material developer E. Crawford, V. Theriault, and Y. Lee)
11. “All you need to know to get started with Stata: From basics to data management – Part I.” Dec. 17, 2022. (Co-organizer and training material developer with T. Njagi, J. Olwande, Y. Lee, and V. Theriault)
12. “All you need to know to get started with Stata: From basics to data management – Part I.” Oct. 13, 2022. (Co-organizer and training material developer with T. Njagi, J. Olwande, Y. Lee, and V. Theriault)
13. “Designing and implementing agri-food value chain surveys.” Sep. 21, 2022. (Co-organizer with B. Belton, V. Theriault, H. Carlson, and Y. Lee; training materials developed by B. Belton)
14. “Avoiding unintentional plagiarism session 2: Citations and authorship.” Jul. 14, 2022. (Co-organizer and training material developer with M. Guloba, N. Oranye, H. Carlson, and V. Theriault)
15. “Avoiding unintentional plagiarism session 1: Types of plagiarism and how to avoid them.” Jul. 7, 2022. (Co-organizer and training material developer with M. Guloba, N. Oranye, H. Carlson, and V. Theriault)

16. "Implementing indicators of reach, benefit, and empowerment." 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)
17. "Foundations of policy communication and overview of different outreach activities and methods." 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)
18. "From research to policy influence: Understanding the policy space." Nov. 10, 2021. (Co-organizer with K. Davis, S. Liverpool-Tasie, and R. Highfill; training materials developed by K. Davis)
19. "Journal article writing." Oct. 20, 2021. (Co-organizer with T. Reardon, S. Liverpool-Tasie, and R. Highfill; training materials developed by T. Reardon)
20. "Grant proposal writing." For researchers from the PRCI CPLs and the Regional Network of Agricultural Policy Research Institutes (ReNAPRI). 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)
21. "Giving effective research presentations." April 2021. (Co-organizer with S. Liverpool-Tasie, and P. Samboko)
22. "Writing journal articles." Apr. 6, 2021. (Co-organizer with T. Reardon, S. Liverpool-Tasie, and P. Samboko; training materials developed by T. Reardon)
23. "Integrating mixed methods in research." 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)
24. "Navigating peer review." Feb. 3, 2021. (Co-organizer with C. Barrett, L. Bageant, S. Liverpool-Tasie, and P. Samboko; training materials developed by C. Barrett)
25. "Double hurdle models." Jan. 13, 2021. (Co-organizer with D. Mather, S. Liverpool-Tasie, and P. Samboko)
26. "Tobit models." Nov. 5, 2020. (Co-organizer with V. Theriault, S. Liverpool-Tasie, and P. Samboko)
27. "Linear models." Oct. 12, 2020. (Instructor and Co-organizer with S. Liverpool-Tasie, and P. Samboko)
28. "Testing and correcting for endogeneity in linear models." Sep. 21, 2020. (Co-organizer with S. Liverpool-Tasie, and P. Samboko)
29. "Impact evaluation: Introduction and methods overview." Sep. 9, 2020. (Co-organizer with M. Maredia, S. Liverpool-Tasie, and P. Samboko; training materials developed by M. Maredia)
30. "Binary response models." Aug. 27, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko)
31. "Ordinary least squares." Aug. 13, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko)
32. "Avoiding unintentional plagiarism." Jul. 29, 2020. (Instructor and Co-organizer with S. Liverpool-Tasie and P. Samboko)
33. "Reproducible and transparent research." Jul. 15, 2020. (Co-organizer with L. Bageant, S. Liverpool-Tasie and P. Samboko; training materials developed by L. Bageant)
34. "Informed consent and human research subject protection." Jul. 6, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko; training materials developed by the MSU Human Research Protection Program)
35. "Stata basics: Working with complex survey data and descriptive statistics." Jun. 19, 2020. (Co-organizer with S. Liverpool-Tasie and P. Samboko; training materials developed by M. Beaver)
36. "Integrating gender in policy research and outreach." Jun. 9, 2020. (Co-organizer with R. Meinzen-Dick, E. Bryan, S. Liverpool-Tasie, P. Samboko, and V. Theriault)

Other technical trainings for African researchers or agricultural policy research institutes

37. "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)

38. "Endogenous switching regression methods." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Sep. 17, 2018. (Co-organizer with H. Ngoma)
39. "Introduction to applied econometrics and Stata." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jun. 25, 2018. (Organizer and Instructor)
40. "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)
41. "Difference-in-differences." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Mar. 1, 2018. (Organizer and instructor)
42. "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)
43. "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.)
44. "Impact evaluation: Introduction and methods overview." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. Jul. 13, 2017. (Organizer and instructor)
45. "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)
46. "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)
47. "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)
48. "Writing academic papers." Workshop for Zambian researchers. Mika Convention Center. Lusaka, Zambia. Mar. 27-28, 2017. (Organizer)
49. "Introduction to experimental economics." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. June 29, 2016. (Organizer)
50. "Introduction to agricultural household models." Technical training for Zambian researchers. Indaba Agricultural Policy Research Institute. Lusaka, Zambia. June 22-23, 2016. (Organizer and instructor)
51. "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)
52. "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)
53. "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))
54. "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))
55. "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))

GUEST LECTURES

- N. **Mason**. “An introduction to agricultural household models.” AFRE 861, Agriculture in Economic Development. Department of Agricultural, Food, and Resource Economics, MSU.
– Fall 2024, 2022, 2021, 2020
- N. **Mason** and P. Ng. “Academic integrity: MSU policies and expectations.” Presentation for Nanjing-Agricultural University-Michigan State University Institute (NAU-MSUI) students.
– Fall 2024, 2023, 2022
- 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**. “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.

STUDENT EVALUATIONS OF MSU COURSES & TEACHING

Table 1. MSU Student Perceptions of Learning Survey (SPLS) results, Fall 2023-present
(scales vary by question – see notes)

| Course | Semester | (A) Expectations | (B) Organization | (C) Atmosphere | (D) Expanded Understanding | (E) Demonstrate Understanding | (F) Interest Increased | (G) Workload | (H) Instructor as Teacher |
|----------|----------|---------------------|---------------------|-------------------|----------------------------------|-------------------------------------|------------------------------|-----------------|------------------------------------|
| AFRE 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) |
| AFRE 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) |

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

Notes: AFRE 802 is Statistical Methods for Agricultural, Food, & Resource Economists. See p. 8 for course additional course details. Values reported are mean scores with standard deviations in parentheses. FS=Fall Semester. 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?”

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 | Semester ^a | Instructor Involvement | Student Interest | Student- Instructor Interaction | Course Demands | Course Organization | Mean across all 21 SIRS questions |
|------------------------|-----------------------|---------------------------|---------------------|---------------------------------------|-------------------|------------------------|---|
| AFRE 802 | FS 2014 | 1.53 | 1.76 | 1.47 | 1.84 | 1.47 | 1.61 |
| (formerly | FS 2015 | 1.35 | 1.57 | 1.17 | 1.71 | 1.11 | 1.38 |
| AEC 802) | 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 | FS 2014 | 1.61 | 2.02 | 1.70 | 2.09 | 1.97 | 1.88 |
| (formerly | FS 2015 | 1.36 | 1.39 | 1.30 | 1.94 | 1.42 | 1.48 |
| AEC 861) | 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 | | 1.31 | 1.65 | 1.32 | 1.72 | 1.39 | 1.48 |

Source: MSU Student Instructional Rating System (SIRS) reports

Notes: AFRE 802 is Statistical Methods for Agricultural, Food, & Resource Economists; AFRE 861 is Agriculture in Economic Development; AFRE 961 is Advanced Agricultural Development Economics; and ABM 203 is Data Analysis for the Agri-Food System. See p. 8 for additional course details. Values reported are average scores are across all questions in each category. FS=Fall Semester. SS=Spring Semester. ^a FMLA leave in Fall 2019; reduction in teaching appointment to one course/year starting in Fall 2020 due to appointment as 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).