**Caitlin Lowe Herrington**

Doctoral Candidate

Department of Agricultural, Food, and Resource Economics

Michigan State University

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**EDUCATION**

**PhD, Agricultural, Food, and Resource Economics Expected: 2024**

Michigan State University – East Lansing, MI

* + Dissertation: “Estimating Demand via Experiments for Agricultural-Nutrition Interventions”
	+ Research Interests: international development; food and agricultural economics; behavioral economics; applied microeconometrics; policy analysis

**MS, Agricultural Economics 2013**

Kansas State University – Manhattan, KS

* Focus Area: International Agricultural Development
* Thesis: Determinants of Maize Marketing Decisions for Smallholder Farm Households in Tanzania

**BS, Agricultural Business Management; BS, Plant Biology 2011**

North Carolina State University – Raleigh, NC

* Minor: Economics
* Graduated with Honors: Summa Cum Laude

**PROFESSIONAL RESEARCH EXPERIENCE**

**Michigan State University – East Lansing, MI**

Graduate Research Assistant 2019 –Present

**International Food Policy Research Institute (IFPRI),**

**HarvestPlus Program – Washington, DC**

Research Analyst II 2017-2019

 Research Analyst I 2014-2017

**Opportunity International – Chicago, IL**

Research Associate 2014

International Development Intern 2013

**Kansas State University - Manhattan, KS**

Graduate Research Assistant 2011-2013

**AWARDS AND FELLOWSHIPS**

* MSU College of Agriculture and Natural Resources Travel Award, 2023 ($800)
* MSU Council of Graduate Students Conference Travel Award, 2023 ($300)
* Winner of the MSU AFRE Graduate Research Symposium Award for best paper and presentation, 2022
* MSU African Studies Center, Africanist Fellowship, 2022 ($1,000)
* MSU AFRE Alan A. Schmid Fellowship, 2022 ($6,500)
* MSU Thom Jayne Dissertation Enhancement Fellowship, 2021-2022 ($2,500)
* University Distinguished Fellow, Michigan State University Graduate School, 2019-2024 ($68,000)
* Finalist for the Nils Westermarck Prize, 30th International Conference for Agricultural Economists, 2018
* Timothy R. Donoghue Graduate Scholar, Kansas State University, 2011-2012 ($6,000)
* NCSU Dept. of Agricultural, Resource, and Economics Outstanding Senior, 2011
* Phi Kappa Phi Honor Society, Spring 2010
* Phi Beta Kappa Honor Society, Fall 2010
* Caldwell Fellow, North Carolina State University, 2008-2011 ($20,000)
* R. Flake Shaw Scholar, North Carolina Farm Bureau Federation, 2007-2011 ($12,000)

**PEER REVIEWED PUBLICATIONS**

1. **Herrington, C. L.**, Maredia, M. K., Ortega, D. L., Taleon, V., Birol, E., Sarkar, Md. A. R., & Rahaman, Md. S. (2023). “Rural Bangladeshi Consumers’ (Un)Willingness to Pay for Low-milled Rice: Implications for Zinc Biofortification.” A*gricultural Economics*, 54:5-22. <https://doi.org/10.1111/agec.12739> *(Essay 1 of dissertation)*
2. Birol E, Foley J, **Herrington C**, et al. (2022) “Transforming Nigerian Food Systems Through Their Backbones: Lessons from a Decade of Staple Crop Biofortification Programing.” *Food and Nutrition Bulletin*. <https://doi.org/10.1177/03795721221117361>
3. Vaiknoras, K., Larochelle, C., Birol, E., Asare-Marfo, D. and **C. Herrington**. (2019) “The Roles of Formal and Informal Delivery Approaches in Achieving Fast and Sustained Adoption of Biofortified Crops: Learnings from the Iron Bean Delivery Approaches in Rwanda.” *Food Policy*, 83:271-284, <https://doi.org/10.1016/j.foodpol.2018.11.003>
4. Mulambu J., Andersson M., Palenberg M., Pfeiffer W., Saltzman A., Birol E., Oparinde A., Boy E., **Herrington C.,** Asare-Marfo D., Lubobo A., Mukankusi C. and S Nkalubo. “Iron Beans in Rwanda: Crop Development and Delivery Experience.” *African Journal of Food, Agriculture, Nutrition and Development* 17, no. 2 (2017): 12026-12050. <http://www.bioline.org.br/pdf?nd17038>

**WORKING PAPERS**

1. **Herrington, C.**, Ortega, D., Maredia, M., Reyes, B "Does bid quantity matter? Results from a Field Experiment in Zimbabwe" *(Job Market Paper, Link: xxxx)*

***Abstract:*** Researcher pre-specified experimental product quantity is the status-quo when conducting willingness-to-pay (WTP) estimates, resting on the assumption of economic rationality. Yet, recent consumer hypothetical studies have found experimental quantity can impact marginal bidding behavior. This study investigates if, and to what degree, varying bid quantity in WTP elicitation impacts marginal WTP via a non-hypothetical field experiment using 527 bean farmers in rural Zimbabwe. Farmers were randomly assigned to either a fixed quantity group (FQG) where farmers bid on a 2kg seed pack or a variable quantity group (VQG) where farmers’ experimental quantity was matched to their intended purchase quantity. Preliminary results find that, on average, marginal WTP is 55% higher in the FQG than the VQG, and increases with highly differentiated bean seeds. We find evidence that this difference in WTP across treatment groups is due to a behavioral bias that can arise from mental budgeting, if intended purchase quantity is above the experimental bid quantity used. These results point to the need for researchers to think critically about the experimental quantity used when designing input-based producer WTP studies, setting the experimental quantity to intended purchase quantity, when possible, to avoid potential overestimation of WTP bids. Differing marginal WTP results from the experimental bid quantity can have major implications to the pricing strategies of agro-dealers, costs to international organizations and NGOs trying to launch a new potentially socially-desirable agricultural input, or the decision for potential government price-level interventions for smallholder farmers.

1. Goeb, J., Maredia, M., **Herrington, C.**, and A.M. Zu. “Agricultural extension in the times of crisis and emergent threats: Effectiveness of a fall armyworm information intervention in Myanmar.” Myanmar Strategy Support Program Working Paper 36. Washington, DC: International Food Policy Research Institute. <https://doi.org/10.2499/p15738coll2.136713> *(Submitted)*

***Abstract:*** Agricultural extension can have important impacts on vulnerable populations by increasing food production, which improves both rural incomes and urban food security. Mobile phones and digital extension have recently emerged as a low-cost tool to deliver information to farmers. However, different digital extension program designs – the information content, delivery mechanism, and timing – may have differing impacts on farmer knowledge and behavior. Digital extension design may be especially important (i) in the face of new and emergent threats to farm production, and (ii) in crises or violent conflict when trust in outside information is low and conventional extension channels are disrupted. This study uses a randomized controlled trial to test the efficacy of two digital extension designs for delivering fall armyworm information to maize farmers in Myanmar during the dual crises of COVID-19 and a military coup. The first extension design is a direct-to-farmer SMS program. The second is an innovative lead-farmer based digital extension program designed to reach farmers with information through a local, trusted source. We find differential impacts on knowledge, practices, and pest control efficacy relative to the control group and across the two designs. Both programs changed farmer knowledge, but in different areas. The lead farmer design led to increased fall armyworm scouting and control practices, and ultimately to more effective use of pesticides in damage control estimations. Similar cellphone-based lead-farmer programs could be an effective tool for increasing trust in digital extension programs, particularly in fragile states and when faced with emergent threats to agriculture.

1. **Herrington, C.**, Lividini, K., and E. Birol. “Prioritizing Countries for Biofortification Interventions: Biofortification Priority Index Second Edition (BPI 2.0).” HarvestPlus Working Paper No. 40. Washington, DC: International Food Policy Research Institute/HarvestPlus.

***Abstract:*** Biofortification, a nutrition-sensitive agricultural intervention is one proven solution to address micronutrient deficiency. Biofortification uses conventional plant breeding methods to increase the densities of vitamin A, iron and zinc in staple food crops. To determine where and in which crop-micronutrient combinations to invest, this paper contributes an updated Biofortification Priority Index (BPI) across 128 countries in Africa, Asia, and Latin America and the Caribbean with updated methodology and additional crop-micronutrient combinations. The BPI ranks countries according to their suitability for investment in biofortification inventions to be used by stakeholders with differing objectives. The BPI is calculated based on three subindices: production, consumption, and micronutrient deficiency using country-level data. Results show that Africa and South Asia remain the highest priority regions for the introduction of biofortified crops, globally. Among the primary crops, vitamin A crops are predominately most suitable in Africa south of the Sahara. Irons beans are suitable in Latin America and the Caribbean region, as well as South Asia and Africa south of the Sahara, zinc wheat is predominantly suitable in North Africa and Asia while zinc rice is most suitable in South and Southeast Asia.

**STUDIES IN PROGRESS**

1. **Herrington, C.**, Maredia, M., Ortega, D., Reyes, B. "Aspirations and farmer willingness-to-pay for biofortified bean seed: a field experiment in rural Zimbabwe."
*(Essay 2 of dissertation, Manuscript in preparation)*
2. Taleon, V., **Herrington, C.**, Sarkar, Md. A. R., and Md. S. Rahaman. “Consumer Sensory Evaluation of Selected Rice Varieties and Processing Levels in Bangladesh.” *(Manuscript in preparation)*
3. Lividini, K., **Herrington, C.**, Birol, E. "Farmer adoption of zinc rice in Bangladesh: a nationally-representative study". *(Analysis in process)*
4. Kilders, V., **Herrington, C.**, Lusk, J. “Does inflation deflate preferences for individual product attributes? An experimental simulation of consumer preference adjustments in response to price increases.” *(Analysis in process)*
5. **Herrington, C.**, Maredia, M., Ortega, D., Reyes, B. "Farmer adoption of biofortified bean seed in Zimbabwe and the role of learning". *(Data collected, analysis yet to begin)*
6. **Herrington, C.**, Kilders, V., Lusk, J. “Explaining differences in preferences for food attributes using an altruism index.” *(Data collected, analysis yet to begin)*
7. Maredia, M., Ortega, D., **Herrington, C.** “Economic cost benefit analysis of control methods for Coffee Leaf Rust Disease in Hawaii” *(Data currently being collected)*

**TECHNICAL REPORTS**

# Larochelle, C., Labarta, R., Katungi, E., Herrington, C., Alwang, J., Asare-Marfo, D., Ball, A. and E. Birol. (2017). “Farming Practices and Crop Varietal Choice among Ugandan Bean and Sweet Potato Producers.” HarvestPlus Research for Action Paper Series 8. Washington, DC: International Food Policy Research Institute/HarvestPlus.

1. Asare-Marfo, D., **C. Herrington**, E. Birol et al. (2016b). “Assessing the Adoption of High Iron Bean Varieties and Their Impact on Iron Intakes and Other Livelihood Outcomes in Rwanda: Main Household Survey Report.” Washington, DC. HarvestPlus, International Food Policy Research Institute.
2. Asare-Marfo, D., **C. Herrington**, E. Birol et al. (2016a). “Assessing the Adoption of High Iron Bean Varieties and Their Impact on Iron Intakes and Other Livelihood Outcomes in Rwanda: Listing Exercise Report.” Washington, DC. HarvestPlus, International Food Policy Research Institute.
3. Mulungu, K. and **C. Herrington**. (2016). “Acceptance and Integration of Biofortified Vitamin A Maize into Common Diets in Northern Zambia.” HarvestPlus Research for Action Paper 6. Washington, DC: International Food Policy Research Institute/HarvestPlus.
4. **C. Herrington.** (2014). “A Study of Opportunity International’s Agricultural Programs with an Emphasis on Female Farmers.” Internal Report, Opportunity Int’l – Chicago, IL.
5. **C. Herrington.** (2014).“Wami-Dakawa Morogoro Rice Marketing Survey Findings for Opportunity Tanzania Limited” Internal Report, Opportunity Int’l – Chicago, IL.

**SELECTED CONFERENCE PRESENTATIONS**

*(Select Presented Papers and Posters; \*denotes presenting author)*

1. **Herrington, C.\***, Maredia, M., Ortega, D., Reyes, B. (*Planned* Oct. 2023). “Does bid quantity matter? Results from Field Experiment in Zimbabwe.” Oral presentation at the 2023 Northwestern University Global Poverty Research Lab – Innovations for Poverty Action (IPA) Methods & Measurement Conference – Chicago, IL.
2. **Herrington, C.\***, Maredia, M., Ortega, D., Reyes, B. (2023). “Does bid quantity matter? Comparing farmer willingness-to-pay for specified vs open-ended quantities of bean and maize seed in a non-hypothetical field experiment.” Oral presentation at the 2023 Agricultural and Applied Economics Association Meeting – Washington, DC.
3. **Herrington, C.\***, Maredia, M., Ortega, D., Reyes, B. (2023). “Farmer Aspirations and Willingness-to-Pay for Biofortified Bean Seed: A Field Experiment in Rural Zimbabwe.” Oral presentation at the 2023 Agricultural and Applied Economics Association Meeting – Washington, DC.
4. Goeb, J., Maredia, M.\*, **Herrington, C.**, and A.M. Zu. (2023). “Agricultural extension in the times of crisis and emergent threats: Effectiveness of a fall armyworm information intervention in Myanmar.” Oral presentation at the 2023 Agricultural and Applied Economics Association Meeting – Washington, DC.
5. **Herrington, C.\***, Maredia, M., Ortega, D., Reyes, B. (2023). “Farmer Willingness-to-Pay for Biofortified Bean Seed: A Field Experiment in Rural Zimbabwe.” Oral presentation at the 8th Agriculture, Nutrition, and Health Academy (virtual).
6. **Herrington, C.\***, Maredia, M., Ortega, D., Reyes, B. (2023). “Farmer Aspirations and Willingness-to-Pay for Biofortified Bean Seed: A Field Experiment in Rural Zimbabwe.” Oral presentation at the Tata-Cornell Institute Conference on Food, Environment, and Health – Global Evidence in Ithaca, NY.
7. **Herrington, C.\***, Maredia, M., Ortega, D., Taleon, V., Birol, E., Sarkar, M.A., and M.S. Rahaman. (2021). “Rural Bangladeshi Consumers’ Willingness-to-Pay for Improve Nutrition via Zinc Biofortified and Low-Milled Rice.” Oral presentation at the 31st International Association of Agricultural Economics Meeting in Delhi, India (virtual).
8. **Herrington, C.\***, Maredia, M., Ortega, D., Taleon, V., Birol, E., Sarkar, M.A., and M.S. Rahaman. (2021). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” Oral presentation at the 6th Agriculture, Nutrition, and Health Academy (virtual).
9. **Herrington, C.\***, Maredia, M., Ortega, D., Taleon, V., Birol, E., Sarkar, M.A., and M.S. Rahaman. (2021). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” Oral presentation at the 2021 Tufts University Research and Data Symposium for Food and Nutrition (virtual).
10. **Herrington, C.\***, Maredia, M., Ortega, D., Taleon, V., Birol, E., Sarkar, M.A., and M.S. Rahaman. (2020). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” Poster presentation at the 2020 Agricultural and Applied Economics Association Meeting (virtual).
11. **Herrington, C.\***, Lividini, K., Angel, M., and E. Birol. (2018). “Prioritization of Biofortified Crop Interventions throughout Africa, Asia, and Latin America.” Rapid Fire Paper Presentation at 2018 IFPRI RISE Meeting in Washington, D.C., USA.
12. **Herrington, C.\***, Funes, J., Lividini, K., Moursi, M., Taleon, V., Ilona, P. and E. Birol. (2018). “Subnational Prioritization of Biofortification Interventions in Nigeria.” Selected Oral Paper Presentation at 2018 IFPRI RISE Meeting in Washington, D.C., USA.
13. **Herrington, C.\***, Funes, J., Lividini, K., Moursi, M., Taleon, V., Ilona, P. and E. Birol. (2018). “Subnational Prioritization of Biofortification Interventions in Nigeria.” Oral Presentation at the 30th International Association of Agricultural Economists Meeting in Vancouver, Canada. *Finalist for the Nils Westermarck Prize for best contributed visual paper.*
14. **Herrington, C.\***, Lividini, K., Angel, A., and E. Birol. (2018). “Prioritization of Biofortified Crop Interventions throughout Africa, Asia, and Latin America.” Oral Paper Presentation at the 3rd Agriculture, Nutrition, and Health Academy in Accra, Ghana.
15. **Herrington, C.\*** (2017). “Biofortification: The Evidence - Efficacy, Cost-Effectiveness, and Impact.” Poster presentation at the 2nd Agriculture, Nutrition, and Health Academy in Kathmandu, Nepal.
16. **Herrington, C.\*** (2017). “Assessing the Impact of the Adoption of High Iron Bean Varieties on Bean and Iron Intake in Vulnerable Populations of Rwanda.”Oral paper presented atthe CGIAR Standing Panel on Impact Assessments (SPIA) Annual Meeting in Nairobi, Kenya.
17. Asare-Marfo, D., **Herrington, C.**\*, Birol, E., and M. Zeller. (2016). “Adoption of High Iron Bean Varieties in Rwanda.” Poster presented at the Micronutrient Forum Conference in Cancun, Mexico
18. Vaiknoras, K.\*, Larochelle, C., Birol, E., Asare-Marfo, D. and **C. Herrington**. (2016). “The Roles of Formal and Informal Delivery Approaches in Achieving Fast and Sustained Adoption of Biofortified Crops: Learnings from the Iron Bean Delivery Approaches in Rwanda”. Oral paper presentation at the 2016 Agricultural and Applied Economists Association Meeting in Boston, M.A., USA.
19. **Herrington, C.\*,** Birol, E.\*, Funes, J.\*, Oparinde, A.\*, Diressie, M\*., Zeller, M.\*, and E. Simpungwe. \* (2016). “From Implementation to Impact: Targeting and Measuring Biofortification Interventions”. Selected Symposia Presentation at the 5th African Association of Agricultural Economists Meeting in Addis Ababa, Ethiopia.

**INVITED TALKS AND SEMINARS**

*(\*denotes presenting author or speaker)*

1. **Herrington, C\*.** (*Planned* Nov. 2023). “Does bid quantity matter? Results from Field Experiment in Zimbabwe.” MSU Development Seminar Series – East Lansing, MI, USA.
2. **Herrington, C.\*** (2023). “Does bid quantity matter? Comparing farmer willingness-to-pay for specified vs open-ended quantities of bean and maize seed in a non-hypothetical field experiment.” Invited Seminar speaker for University of Georgia, Dept. of Agricultural and Applied Economics Development Workshop Series (virtual).
3. Dobis, E.\*, **Herrington, C.\***, Reeling, C.\* (2022). “Exploring Careers in Academia, Industry, and Government.” Panel at the 2022 Agricultural and Applied Economists Association Meeting in Anaheim, CA, USA.
4. Alloush, M.\*, Ando, A.\*, Grogan, K.\*, **Herrington, C.\*** (Moderator), Ortiz-Bobea, A.\*, Plakias, Z.\*. (2022). “Promoting Mental Health, Diversity, Equity, and Inclusion”. Panel at the 2022 Agricultural and Applied Economists Association Meeting in Anaheim, CA, USA.
5. **Herrington, C.\*** (2022). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” MSU Development Seminar Series – East Lansing, MI, USA.
6. **Herrington, C.\*** (2022). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” AAEA Graduate Student Section Seminar Series – Online (Virtual).
7. **Herrington, C.\*** (2022). “Addressing Questions in Agriculture: Domestic & Abroad through Agricultural Economics.” Seminar for the 2022 Agricultural Education Leadership Cohort at Providence Grove High School in Franklinville, NC. (Virtual presentation).
8. **Herrington, C.\*** (2021). “Consumers’ Willingness-to-Pay for High Zinc Rice and Low-Milled Rice in Bangladesh.” MSU AFRE Brownbag Seminar Series – East Lansing, MI, USA.
9. Bashar, K.\*, **Herrington, C.\***, Lividini, K.\* (2019). “Assessing the Adoption of High Zinc Rice in Bangladesh.” IFPRI/HarvestPlus Brownbag Seminar – Washington, DC.
10. **Herrington, C.\***, Lividini, K., Angel, A., and E. Birol. (2018). “Prioritization of Biofortified Crop Interventions throughout Africa, Asia, and Latin America.” IFPRI/HarvestPlus Brownbag Seminar Series – Washington, DC.
11. **C. Herrington\***. (2017). “Better Nutrition through Agriculture: the Power of Biofortification.” Presentation for the African Agricultural Professional Fellowship Program’s IFPRI visit – Washington, DC.
12. Lividini, K.\* and **C. Herrington. \*** (2017). “The Potential for High Zinc Rice Biofortification in Bangladesh: Simulation Results and Adoption Survey Planning.” Bangladesh Rice Research Institute – Gazipur, Bangladesh
13. Birol, E.\*, Funes, J.\*, Oparinde, A.\*, **Herrington, C.\*,** Tedla-Diressie, M.\* (2016). “From Implementation to Impact: Targeting and Measuring Biofortification Interventions.” IFPRI/HarvestPlus Brownbag Seminar Series – Washington, DC.
14. **C. Herrington\*** and P. Willingham\*. (2016). “Better Nutrition through Agriculture: the Power of Biofortification.” Teacher Workshop presented at the 89th National FFA Convention in Indianapolis, IN.
15. Asare-Marfo, D.\* and **C. Herrington\***. (2016). “Rwanda High Iron Bean Impact Assessment Study: Preliminary Descriptive Results from Main Survey.” IFPRI/HarvestPlus Brownbag Seminar Series – Washington, DC
16. Asare-Marfo, D.\* and **C. Herrington\***. (2015). “Rwanda High Iron Bean Impact Assessment Study: Results from Listing Exercise and Study Update.” Presentation made to the Rwanda Agricultural Board and the Rwanda HarvestPlus Country Team – Kigali, Rwanda.
17. Asare-Marfo, D.\* and **C. Herrington\***. (2015). “Rwanda High Iron Bean Impact Assessment Study: Results from Listing Exercise and Study Update.” IFPRI/HarvestPlus Brownbag Seminar Series – Washington, DC
18. Asare-Marfo, D.\* and **C. Herrington\***. (2015). “Rwanda High Iron Bean Impact Assessment Study 2015: Survey Design.” IFPRI/HarvestPlus Brownbag Seminar Series – Washington, DC.
19. **C. Herrington\***. **(**2014). “Women in Agriculture and their role in Opportunity International’s Portfolio.” Research Seminar at Opportunity International in Chicago, IL.

**TEACHING AND TRAINING EXPERIENCE**

**Guest Lectures**

“Agricultural-Nutrition Food Policy Linkages” Planned: Oct. 2023

 Course: Arizona State, AGB 414: Food Policy Issues, Prof. Alexis Villacis

“Gathering Asset Valuations for Developing Country Farmers” Planned: Oct. 2023

 Course: MSU, AFRE 130: Farm Management I, Prof. Melissa McKendree

“Agricultural Policy in Developing and Emerging Countries” Spring 2023

 Course: MSU AFRE 300: Public Policy Issues in the Agri-Food System, Prof. Molly Sears

**Enumerator Training (Led or Co-Led)**

Harare, Zimbabwe 9-11 November, 2022

Study: Farmer Adoption and Willingness-to-Pay for Biofortified Maize and Bean;
Co-led training with the Centre for Agriculture and Food Policy firm;
Trained 54 individuals

Gazipur, Bangladesh 24-28 October, 2018

Study: Consumer Acceptance and Willingness-to-Pay for High Zinc Rice and Degrees of Milling in Bangladesh; Co-led training with the Bangladesh Rice Research Institute; Trained 16 individuals

Dhaka, Bangladesh 20 August-07 September, 2018

Study: Bangladesh High Zinc Rice Adoption; Co-led training with the Data Analysis and Technical Assistance (DATA) firm; Trained 170 individuals

Kigali, Rwanda 17-30 August, 2015

Study: Main Household Survey for the Rwanda High Iron Bean Impact; Led training with IFPRI colleagues; Trained 42 individuals

Kigali, Rwanda 28-31 April, 2015

Study: Refresher Listing Survey for the Rwanda High Iron Bean Impact Assessment; Led training with IFPRI colleagues; Trained 75 individuals

Kigali, Rwanda 16-20 February, 2015

Study: Listing Survey for the Rwanda High Iron Bean Impact Assessment; Led training with IFPRI colleagues; Trained 87 individuals

**PROFESSIONAL DEVELOPMENT**

**TEACHING TRAININGS**

**Michigan State University Pedagogy Workshops**

* August 19, 2022
* Workshops: Teaching Large Lectures and Promoting Student Engagement, Creating and Using Syllabi for Successful Teaching and Learning, Navigating Challenges: How to be a Trauma-Informed Educator

**Michigan State University Graduate Teaching Assistant Orientation Workshops**

* August 18, 2022
* Workshops: Undergraduate Student Success & Keeping Undergraduate Learning Goals in Mind, Designing and Implementing Culturally Responsive and Inclusive Curricula for Classroom Instruction, MSU Policy Primer & Case Studies with Policy/Program Leaders, Successful Communication and Healthy Boundaries

**MSU Graduate Teaching and Learning Community Trainings**

* Teaching Philosophy Workshop on June 29, 2022
* Student Engagement via Active Learning Workshop on June 17, 2022
* "Making it Stick" Learning Styles Workshop on June 15, 2022
* Facilitating Student Motivation Workshop on June 14, 2022

**RESEARCH TRAININGS**

Publishing Applied Economic Research on Health and Nutrition, Post-conference AAEA Workshop, July 26, 2023 – Washington, DC.

Presenting Data and Information Course, Instructor: Edward Tufte, June 12, 2018 – Washington, DC

Panel Data Course, Georgetown Center for Econometric Practice, Instructor: Jeffrey Wooldridge of Michigan State University, May 21-22, 2018 – Washington, DC

Writing Questions for Survey Course, Joint Program on Survey Methodology Program between the Universities of Michigan & Maryland, March 10-11, 2016 - Washington, DC

[Borlaug Summer Institute on Global Food Security](https://www.purdue.edu/discoverypark/food/programs/borlaug-fellows/summer-institute.php), July 8-21, 2012 – Purdue University, West Lafayette, IN

**OTHER PROFESSIONAL EXPERIENCE**

Intern, Mujila Falls Agriculture Centre – Mwinilunga, Zambia 2010

Intern, Stop Hunger Now (now Rise Against Hunger) – Raleigh, NC 2009 – 2010

Leadership Development Intern, North Carolina FFA Association – Raleigh, NC 2009

Conference Facilitator, North Carolina FFA Association – Raleigh, NC 2008 – 2009

**LEADERSHIP AND SERVICE EXPERIENCE**

**ACADEMIC SERVICE**

**Applied and Agricultural Economics Association (AAEA)**

Abstract Reviewer, International Development: Trade, Markets, and Policy 2023

Graduate Student Representative, International Section 2022-2023

Social Media Team, Committee for Women in Agricultural Econ Section 2021 –2023

**Michigan State University, Dept. of Agricultural, Food, and Resource Economics**

Inclusivity Ambassador, AFRE Graduate Student Organization 2022 – 2023

Speaker, AFRE Graduate Student Perspective Visit Day & Orientation 2021 – 2023

Graduate Mentor, AFRE Graduate Student Organization 2020 –2023

**International Food Policy Research Institute (IFPRI)**

Reviewer, Internal Review Board (IRB) 2016 – 2019

Alternate Reviewer, Internal Review Board (IRB) 2015 – 2016

Research Support Staff (RSS) Committee, IFPRI 2016 – 2019

**Kansas State University**

Secretary, Graduate Students of Agricultural Economics – Manhattan, KS 2011 – 2012

Case Study Team, International Food and Agribusiness Marketing Association (IFAMA) Conference - Shanghai, China 2012

**North Carolina State University**

Study Abroad, Agricultural, and Resource Economics Dept., France, England, Wales 2011

President, Agribusiness/NAMA Club 2010 – 2011

Treasurer, Agribusiness/NAMA Club 2009 – 2010

Ambassador, College of Agriculture and Life Sciences 2009 – 2011

Study Abroad, NCSU-Zhejiang University Plant Biology Dept., China 2009

State President, North Carolina FFA Association 2007 – 2008

**VOLUNTEER AND COMMUNITY SERVICE**

Youth Group Leader, Vine Church – Dunn Loring, VA 2016 – 2018

Alumni Reviewer, NCSU Caldwell Fellows Program 2015- 2018

Small Group Leader, Faith Evangelical Free Church – Manhattan, KS 2012 – 2013

Leadership Team Member, NCSU Navigators Ministry – Raleigh, NC 2010 – 2011

Volunteer, Mission Emmanuel – Cielo, Dominican Republic 2009, 2010

**CURRENT PROFESSIONAL MEMBERSHIPS**

International Association of Agricultural Economists (IAAE)

Agriculture and Applied Economics Association (AAEA)

Agriculture, Nutrition, and Health Academy (ANH Academy)

American Economic Association (AEA)

**REFERENCES**

Dr. Mywish Maredia, Department of Agricultural, Food, and Resource Economics, Michigan State University. maredia@msu.edu, +1-517-353-6602 (Co-Advisor)

Dr. David Ortega, Department of Agricultural, Food, and Resource Economics, Michigan State University. dlortega@msu.edu, +1- 517-353-2981 (Co-Advisor)

Dr. Ekin Birol, School of Foreign Service, Georgetown University, eb1302@georgetown.edu, +1-202-631-8001, (Previous Supervisor at IFPRI)

Dr. Nicole Mason-Wardell, Department of Agricultural, Food, and Resource Economics, Michigan State University. masonn@msu.edu, +1- 517-432-4446, (Graduate Director, Dissertation Committee Member)