

Yeyoung Lee

Department of Agricultural, Food and Resource Economics
Michigan State University
Ph.D. Candidate

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Education

Michigan State University, Sep. 2020 – May 2026 (expected graduation)
Ph.D., Agricultural, Food, and Resource Economics (AFRE)
Major Field: Development Economics
Major Professor: Dr. Nicole Mason-Wardell

Seoul National University, Sep. 2014 – Feb. 2017
M.A., Agricultural and Resource Economics

Handong Global University, Mar. 2010 – Aug. 2014
B.A., Urban/Environmental Engineering and Business Management (Magna Cum Laude)

Peer-reviewed Journal Articles

Y. Lee, E. Bryan, N. Mason, I. Hassen, V. Theriault, and C. Ringler. 2025.
“Does small-scale irrigation affect women’s time allocation? Insights from Ethiopia.”
World Development, 196: 107106. [**Job Market Paper**]

E. Bryan, C. Biljon, **Y. Lee**, C. Ringler, and D. Mekonnen. “The linkage between water supply, sanitation and hygiene and small-scale irrigation: Insights from rural Ethiopia.”
Journal of Water and Health (accepted, in pre-publication process)

Y. Lee, B. Haile, G. Seymour, and C. Azzarri. 2021. “The heat never bothered me anyway: Gender-specific response of agricultural labor to climatic shocks in Tanzania.”
Applied Economic Perspectives and Policy, 43(2): 732-749.

M. Cooper, A. Sandler, S. Vitellozzi, **Y. Lee**, G. Seymour, B. Haile, and C. Azzari. 2021.
“Re-examining the effects of drought on intimate-partner violence.” *PLoS one*, 16(7): e0254346.

Y. Lee, D. An, and T. Kim. 2020. “The effects of agricultural extension service on crop production, revenue, and profit:evidence from Mbale district in Uganda.” *Korean Journal of Agricultural Economics*, 61(3): 161-179.

Y. Lee, Y. Kim, S. Yoo, K. Kim, and D. An. 2018. “An empirical analysis of Korean traditional dietary (Hansik) choices considering consumers’ health status and attitude.”
Korean Journal of Agricultural Economics, 59(4): 59-76.

Working Papers

Y. Lee, E. Bryan, N. Mason, and V. Theriault. “To what extent does small-scale irrigation affect women’s control over income? Evidence from Ethiopia.” (Manuscript in preparation)

Y. Lee, M. Maredia, D. Boughton, S. Jin, and N. Mason. “How do rising rice prices affect household resilience? Evidence from Myanmar.” (Currently conducting data analysis)

Fellowships

MSU-GJEC Dissertation Writing Fellowship, Fall 2025

This competitive fellowship supports Ph.D. students at MSU during their final academic year. For 2025-2026, the Center for Gender in Global Context (GenCen) and the Gender, Justice, and Environmental Change (GJEC) program awarded fellowships to four candidates.

Rotary Foundation Global Grant Scholarship, Fall 2020-Spring 2024

This competitive Global Grant (with a focus on Economic and Community Development projects) was approved by the Rotary Foundation for each academic year.

AFRE Graduate Student Professional Travel Fellowship, 2023, 2024

Research Experience

1. **Graduate Research Assistant**, Jan. 2024 – Jun. 2025
Livelihoods and Food Security Fund (LIFT) project, MSU
Supervisors: Dr. Mywish Maredia and Dr. Duncan Boughton
Conducted a literature review on resilience, data cleaning/analysis, submitted the draft report.
2. **Graduate Research Assistant**, Aug. 2022 – May 2024
PRCI project, MSU
Supervisors: Dr. Nicole Mason-Wardell and Dr. Veronique Theriault
Coordinated PRCI-Africa technical trainings and collaborated with stakeholders.
3. **Short Term Consultant**, Sep. 2022 – Dec. 2022
Feed the Future Innovation Lab for Small-Scale Irrigation (ILSSI) project, IFPRI
Supervisors: Dr. Claudia Ringler and Dr. Elizabeth Bryan
Developed a paper on the relationship between SSI and women's time use.
4. **Invited Researcher**, Jan. 2020 – Mar. 2020
Korea Rural Community Corporation
Conducted a qualitative field survey on the dam safety management system in Myanmar.
5. **Research Intern**, Apr. 2019 – Sep. 2019
Gender, Climate Change, And Nutrition Integration Initiative (GCAN) team, IFPRI
Supervisor: Dr. Beliyou Haile
Developed a paper on the nexus between gender, heat stress, and agricultural labor.
6. **Research Assistant**, Sep. 2014 – Dec. 2018
Korean government and donors, Seoul National University (SNU)
Supervisors: Dr. Donghwan An and Dr. Taeyoon Kim
Conducted research and collaborated with domestic and international stakeholders.
7. **Young Professional**, Jul. 2016 – Dec. 2016
Korea International Cooperation Agency (KOICA) and SNU
Supervisor: Dr. Taeyoon Kim
Developed a paper on extension service in Uganda, fieldwork in Tanzania (Nov. 2016).

Teaching Assistantship

Teaching Assistant, Fall 2025, Data Analysis for Managerial Decision-Making (AFRE 203)
Supervisor: Dr. James Sears

Teaching Assistant, Spring 2025, Public Policy Issues in the Agri-Food System (AFRE 300)
Supervisor: Dr. Molly Sears

Teaching Assistant, Spring 2025, Labor and Personnel Management in the Agri-Food System (AFRE 315), Supervisor: Dr. Zachariah Rutledge

Guest Lectures

Y. Lee. Career Exploration and Vision. Virtual lecture delivered at the School of Spatial Environmental System Engineering, Handong Global University. May 14, 2025. Lecture on econometrics and agricultural economics research.

Y. Lee. Theory and Practice in Rural Development. In-person lecture delivered at the Department of Agricultural and Resource Economics, Seoul National University. Oct. 31, 2018. Lecture on fieldwork and research in Uganda.

Presentations

(* indicates presenter)

1. ***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.” Agricultural and Applied Economics Association (AAEA), *Selected Paper*. New Orleans, LA. Jul. 29, 2024.
2. ***Y. Lee**, N. Mason, and E. Bryan. “Gender-differentiated impacts of small-scale irrigation on time allocation and control over income.” International Association of Agricultural Economists (IAAE) at the AAEA, *Invited Paper*. New Orleans, LA, Jul. 29, 2024.
3. ***Y. Lee**, N. Mason, E. Bryan, I. Hassen, V. Theriault, and C. Ringler. “The impact of small-scale irrigation on women’s time allocation in Ethiopia.” IFPRI, *Invited Brown Bag Seminar*. Washington, DC. Jul. 26, 2023.
4. ***Y. Lee**, N. Mason, E. Bryan, I. Hassen, V. Theriault, and C. Ringler. “The impact of small-scale irrigation on women’s time allocation in Ethiopia.” AAEA, *Selected Paper*. Washington, DC. Jul. 24, 2023.
5. ***Y. Lee**. “Gendered response of agricultural labor to climatic shocks in Tanzania.” Cultivating Equality Conference, *Invited Paper* (Virtual Presentation). Oct. 13, 2021.
6. ***Y. Lee**, N. Mason, and G. Berhane. “The gender-differentiated effects of public works program on time use: Evidence from Ethiopia’s Productive Safety Net Programme.” AAEA, *Selected Paper* (Virtual Presentation). Aug. 3, 2021.
7. **Y. Lee**, ***B. Haile**, C. Azzarri, and G. Seymour. “Gender differences and weather-induced agricultural labor allocation: Evidence from rural Tanzania.” Sustainability and Development Conference, *Invited Paper*. Ann Arbor, MI. Oct. 14, 2019.

8. M. Cooper, ***Y. Lee**, A. Sandler, S. Vitellozzi, G. Seymour, B. Haile, and C. Azzari. “Empowering women mitigates the effect of climate shocks on gender-based violence.” Sustainability and Development Conference, *Selected Paper*. Ann Arbor, MI. Oct. 12, 2019.
9. ***Y. Lee**, B. Haile, C. Azzarri, and G. Seymour. “Does heat stress have differential effects on agricultural labor supply of males and females?” *Brown Bag Seminar*. IFPRI. Washington, DC. Sep. 27, 2019.
10. ***Y. Lee**. “Analysis of Korean traditional dietary (Hansik) consumption patterns focusing on households’ characteristics.” The 9th International Symposium on East-Asian Agricultural Economics, Awarded (*Best Paper Presentation*). South Korea, Oct. 19, 2018.
11. ***Y. Lee**. “The effects of agricultural extension service and education on farm productivity: Evidence from Mbale District in Uganda.” African Studies Association (ASA) 60th Annual Meeting, *Selected Paper*. Chicago, IL. Nov. 17, 2017.

Online Technical Trainings

(* indicates in-person)

1. “Climate smart agriculture innovation: Towards an evidence-based strategy and learning approach.” Co-organizer with D. Boughton, W. Attavanich, N. Mason, and V. Theriault. Feb. 13, 2024.
2. “Beyond add women and stir: Effective proposal writing for gender-related research.” Co-organizer with R. Meinzen-Dick, E. Bryan, M. Ndèye Fatou Faye. Jan. 18, 2024.
3. “Strategies for drawing valid policy implications from research findings.” Co-organizer with M. Guloba, B. Oyelami, K. Davis, V. Theriault, and N. Mason. Nov. 28, 2023.
4. “Mapping market accessibility using QGIS.” Co-organizer with J. Koo, N. Mason and V. Theriault. Oct. 17, 2023.
5. “Roadmap to success for research leading to journal publications.” Co-organizer with D. Boughton, N. Mason, and V. Theriault. Oct. 5, 2023.
6. “Presenting gender research.” Co-organizer with R. Meinzen-Dick, E. Bryan, L. Kirimi, V. Theriault, and N. Mason. Aug. 3, 2023.
7. “Integrating gender into research and development projects.” Co-organizer with R. Meinzen-Dick, E. Bryan, and L. Kirimi, V. Theriault, and N. Mason. Jul. 27, 2023.
8. “Introduction to desktop GIS with QGIS.” Co-organizer with J. Koo, N. Mason, and V. Theriault. Jun. 13, 2023.
9. “Formulation de recommandations à partir de données agronomiques – Partie 2.” For Senegalese Institut Sénégalais de Recherches Agricoles Bureau d’Analyses Macro Economiques (ISRA-BAME). Co-organizer and training material developer with E. Crawford, V. Theriault, and N. Mason. May 26, 2023.

10. “Formulation de recommandations à partir de données agronomiques – Partie 1.” For Senegalese Institut Sénégalais de Recherches Agricoles Bureau d’Analyses Macro Economiques (ISRA-BAME). Co-organizer and training material developer with E. Crawford, V. Theriault, and N. Mason. May 24, 2023.
11. * “Creating Infographics for Policy Outreach and Dissemination.” For researchers at agricultural policy research institutes in Africa and Asia. Co-organizer and training material co-developer with M. Hill, E. Birabwa, K. Davis, J. Falik, and V. Theriault. PRCI Global Gathering. Accra, Ghana. Apr.27, 2023.
12. “All you need to know to get started with Stata: From basics to data management– Part II.” Co-organizer and training material developer with T. Njagi, J. Olwande, N. Mason, and V. Theriault. Dec. 17, 2022.
13. “All you need to know to get started with Stata: From basics to data management– Part I.” Co-organizer and training material developer with T. Njagi, J. Olwande, N. Mason, and V. Theriault. Oct. 13, 2022.

Blog Posts

V. Theriault, N. Mason, and **Y. Lee**. 2024. “The PRCI-Africa technical training program accomplishments, impacts and next steps.” Feed the Future Innovation Lab for Food Security Policy Research, Capacity, and Influence (PRCI).

Y. Lee, E. Bryan, and C. Ringler. 2024. “Does small-scale irrigation affect women’s time allocation? Insights from Ethiopia.” Agrilinks Blog.

Y. Lee. 2023. “AFRE grad student abroad: Fruitful learning experiences in Ghana.” PRCI. Michigan State University (MSU).

Y. Lee, C. Azzarri, and C. Ringler. 2021. “The heat never bothered me anyway: Gender-specific response of agricultural labor to climatic shocks in Tanzania.” International Food Policy Research Institute (IFPRI) Blog.

Departmental Service

Vice President, AFRE Graduate Student Organization (GSO). Jun. 2023 – May 2024
Supported the graduate student body by working with the AFRE/GSO leadership.

First-Year Liaison, AFRE GSO. Jun. 2022 – May 2023
Assisted first-year graduate students in settling into the AFRE graduate program.

Inclusivity Ambassador, AFRE GSO. Feb. 2022 – May 2022
Communicated with the graduate student body and worked with the GSO leadership.

Professional Service

Pro-WEAI Beta Tester, IFPRI. Mar. 2021, Apr. 2024
Participated as a tester for the Project Women’s Empowerment in Agriculture Index (Pro-WEAI).

Referee Service	Humanities and Social Sciences Communications
Skills	Stata (advanced), Qualtrics (advanced), L ^A T _E X(intermediate)
Languages	English (proficient), Korean (native), Spanish (basic)
Fieldwork/ Outreach	Uganda (2015), Tanzania (2016), Lao People’s Democratic Republic (2017), New Zealand (2017), Myanmar (2020), and Ghana (2023)
Academic Memberships	Agricultural and Applied Economics Association American Economic Association African Association of Agricultural Economists
References	Dr. Nicole Mason-Wardell Associate Chairperson and Associate Professor Department of Agricultural, Food, and Resource Economics Michigan State University masonnn@msu.edu Dr. Elizabeth Bryan Research Fellow Natural Resources and Resilience Unit International Food Policy Research Institute (IFPRI) e.bryan@cgiar.org Dr. Véronique Thériault Associate Professor Department of Agricultural, Food, and Resource Economics Michigan State University theria13@msu.edu Dr. Jeffrey M. Wooldridge University Distinguished Professor Walter Adams Distinguished Faculty Fellow in Economics Department of Economics Michigan State University wooldri1@msu.edu