

Leah Bevis

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Employment

2022 – present Associate Professor, Department of Agricultural, Environmental and Development Economics, The Ohio State University
2016 – 2022 Assistant Professor, Department of Agricultural, Environmental and Development Economics, The Ohio State University

Education

Fall 2010 – Spring 2016 Ph.D., Applied Economics, Cornell University
Fall 2005 – Spring 2009 B.A. *cum laude*, Middlebury College

Academic Affiliations

Associate Editor, American Journal of Agricultural Economics (AJAE), 2021 – present
Invited Researcher, Agricultural Technology Adoption Initiative (ATAI), 2020 – present
Collaborator, Advancing Research on Nutrition and Agriculture (ARENA), 2019 – 2021
Faculty Affiliate, Food and AgriCultural Transformation (InFACT), 2016 – 2022

Published Papers [* = PhD advisee]

- Morton, C.M., Pullabhotla, H., Bevis, L. and Lobell, D.B. 2023. Soil Micronutrients Linked to Human Health in India. *Scientific Reports*, 13(1), p.13591.
- Carroll, J.J., Bevis, L., El-Sabawi, T., Figgatt, M., Dasgupta, N., Beletsky, L., Leiberman, A.J., Dennis, A. and Davis, C.S. 2023. A Discussion of Critical Errors in a Longitudinal Study on the Deterrent Effect of Drug-Induced Homicide Laws on Opioid-Related Mortality Across 92 Counties and the District of Columbia in the United States. *World Medical & Health Policy*.
- Bevis, Leah EM, *Kichan Kim, David Guereña. 2023. “Soil Zinc Deficiency and Child Stunting: Evidence from Nepal,” *Journal of Health Economics*, 87, p.102691.
- Bevis, Leah EM and *Kichan Kim. 2021. “Soil Mineral Availability and Human Mineral Status: A Review and Evidence from Malawi,” *Applied Economic Perspectives and Policy*, 44(2), pp.822-847.
- Andrew L Thorne-Lyman, Leah EM Bevis, Helen Kuo, Swetha Manohar, Binod Shrestha, Angela KC, Rolf D Klemm, Rebecca A Heidkamp. 2021. “Season of Data Collection of Child Dietary Diversity Indicators May Affect Conclusions About Longer Term Trends in Peru, Senegal and Nepal,” *Current Developments in Nutrition*, 5(8):nzab095.
- *Sajid, Osama, Leah EM Bevis. 2021. “Flooding and Child Health: Evidence from Pakistan”, *World Development*, 146:105477.
- Abay, Kibrom, Leah EM Bevis, Christopher Barrett. 2020. “Measurement Error Mechanisms Matter: Agricultural Intensification with Farmer Misperceptions and Misreporting,” *American Journal of Agricultural Economics*, 103(2):498-522.
- AAEA International Section Best Paper Award, 2021.
- Bevis, Leah EM and Kira Villa. 2020. “Intergenerational Transmission of Maternal Health: Evidence from Cebu, Philippines,” *Journal of Human Resources*, 57(5), pp.1425-1465..
- Bevis, Leah EM, Rachel Hestrin. 2020. “Widespread Heterogeneity in Staple Crop Mineral Concentration in Uganda Partially Driven by Soil Characteristics,” *Environmental Geochemistry and Health*, 43(5):1867-1889.
- Bevis, Leah EM, Rachel Hestrin. 2020. “Variation in Crop Zinc Concentration Influences Estimates of Dietary

Zinc Inadequacy,” *Plos One*, 15(7):e0234770.

- Bevis, Leah EM, Christopher B Barrett. (2019). “Close to the Edge: High Productivity at Plot Peripheries and the Inverse Size-Productivity Relationship,” *Journal of Development Economics*, 143:102377.
- Bevis, Leah EM, Felix Naschold, Tanvi Rao. (2019). “An Unequal Burden: Seasonal Patterns in the Intra-Household Distribution of Health in Tanzania,” *Food Policy*, 89:101766.
- *Kim, Kichan, Leah EM Bevis. (2019). “Soil Fertility and Poverty in Poor Countries,” *Choices*, 34(2):1-8.
- Bevis, Leah EM, Jon M Conrad, Christopher B Barrett, Clark Gray. (2017). “State Conditioned Soil Investment in Rural Uganda,” *Research in Economics* 71(2):254-281.
- Barrett, Christopher B and Leah EM Bevis. (2015). “The Reinforcing Feedback Between Low Soil Fertility and Chronic Poverty,” *Nature Geoscience*, 8(12):907-912.
- Bevis, Leah EM, Christopher B Barrett. (2015). “Decomposing Intergenerational Income Elasticity: The Gender-Differentiated Contribution of Capital Transmission in Rural Philippines,” *World Development* 74:232-252.
- Bevis, Leah EM. (2015). “Soil-to-Human Mineral Transmission with an Emphasis on Zinc, Selenium and Iodine,” *Springer Science Reviews* 31(1):77-96.
- Barrett, Christopher B and Leah EM Bevis. (2015). “The Micronutrient Deficiencies Challenge in African Food Systems,” in D. E. Sahn, ed., *The Fight Against Hunger and Malnutrition: The Role of Food, Agriculture, and Targeted Policies*. Oxford: Oxford University Press.

Working Papers [* = PhD advisee]

- How Much Time Do American Police Spend on Mental Health Crises?
With Taled El-Sabani, Jennifer Carroll (Under Review)
- Diet and Disease: Examining the Seasonal Determinants of Children's Health in Senegal
With Karan Shakyaa, Andrew Thorne-Lyman (Submitted)*
- How Does Survey Timing Influence Apparent Wasting Trends? A Case Study from Senegal
With Karan Shakyaa, Andrew Thorne-Lyman, Rebecca Heidkamp (Submitted)*
- The Green Revolution and Rural Inequality: India
With Vidhya Soundararajan
- Generalizing Food Subsidies: Evidence from Odisha, India
*With Tanvi Rao, *Shinjini Pandey*
- Does “Alternative” Police Response Improve Mental Health Crisis Outcomes?
*With *Shinjini Pandey, Jennifer Hefner, Pejmon Noghrehchi, Steve David*

Resting Papers [* = PhD advisee]

- An Instrumental Variables Adaptation of Sequential G-Estimation
With Kira Villa
- Rural Yields Set Maize Prices in Africa
*With *Thomas Kim, Anna Folke Larsen*
- Sharing with Neighbors: Community Production Diversity and Diets in Ethiopia
*With *Thomas Kim*

Policy Reports

- 2022 “Exploring Constraints to Forest Garden Success”, for Trees For The Future
- 2016 “Soil mineral availability is associated with dietary mineral intake in rural Uganda”, for HarvestPlus

Selected Conference Presentations [* = presented by co-author, began recording in Dec 2022]

June 2023*	Law and Society Conference, San Juan
Mar 2023*	Midwest International Economic Development Conference (MIEDC), University of Huston
Mar 2023*	Centre for the Study of African Economies Conference (CSAE), University of Oxford
Dec 2022*	18 th Annual Conference on Economic Growth and Development, Delhi
July 2022	Agricultural and Applied Economics Association Conference (AAEA), Anaheim
Sept 2022	100 Years of Economic Development, Cornell University
Aug 2021	Agricultural and Applied Economics Association Conference (AAEA), Austin
Mar 2020	Pacific Conference for Development Economics (PacDev), UC Berkeley
Oct 2020	North East Universities Development Consortium (NEUDC), Dartmouth
Oct 2019	North East Universities Development Consortium (NEUDC), Northwestern
Aug 2019	Agricultural and Applied Economics Association Conference (AAEA), Atlanta
Jun 2019	Nordic Conference on Development Economics, U of Copenhagen
Feb 2019	National Bureau of Economics Research: Transforming Rural Africa (NBER), Cambridge MA
Oct 2018	North East Universities Development Consortium (NEUDC), Cornell University
Mar 2018	Centre for the Study of African Economies Conference (CSAE), University of Oxford
Mar 2018	Midwest International Economic Development Conference (MIEDC), U of Minnesota
Oct 2017	North East Universities Development Consortium (NEUDC), Tufts University
Aug 2017	Agricultural and Applied Economics Association Conference (AAEA), Chicago
Jun 2017	Annual Bank Conference on Africa (ABCA), Berkeley
Mar 2017	Pacific Conference for Development Economics (PacDev), UC Riverside
Mar 2017	Centre for the Study of African Economies Conference (CSAE), University of Oxford
Mar 2016	Midwest International Economic Development Conference (MIEDC), U of Minnesota
Aug 2016	Agricultural and Applied Economics Association Conference (AAEA), Boston
Aug 2015	International Conference for Agricultural Economics (ICAE), Milan, Italy
Mar 2015	Centre for the Study of African Economies Conference (CSAE), University of Oxford
Oct 2013	North East Universities Development Consortium (NEUDC), Harvard
Mar 2013	Centre for the Study of African Economies Conference (CSAE), University of Oxford

Selected Invited Presentations

April 2024	Department of Public Administration and International Affairs, Syracuse University
April 2024	33rd Kuznets Memorial Lecture and Mini-Conference, Yale University
Sept 2023	Applied Economics Seminar, Virginia Tech
Oct 2022	Agricultural Economics Seminar, Texas A&M
Nov 2021	Soil Sessions – Strategizing to improve soil health data in agricultural surveys, 50x2030
Sept 2021	Center for Food Security and the Environment Seminar Series, Stanford University
Dec 2020	Human Nutrition Seminar, Bloomberg School of Public Health, John Hopkins
Nov 2020	Trade & Development Seminar Series, Department of Applied Economics, U of Minnesota
Nov 2020	Applied Microecon & Development Seminar Series, International Food Policy Research Institute
Feb 2020	Faculty Seminar Series, Department of Statistics, The Ohio State University
Dec 2019	Measurement Error and the Adoption of Agricultural Innovations, Paris School of Economics
Dec 2019	Faculty Seminar Series, Department of Economics & Finance, University of North Dakota
Nov 2019	International Nutrition Seminar Series, Interdepartmental Nutrition Program, Purdue University
Oct 2019	7th Annual Scientific Symposium on Agriculture-Nutrition, Tufts University, Kathmandu
May 2019	Second Annual Scottish Development Conference, Edinburgh, Scotland
Jun 2019	I wasn't there: A virtual development economics workshop, Cornell University

Mar 2019	ACE Seminar Series, Agricultural and Consumer Economics, U of Illinois Urbana-Champaign
Oct 2018	Faculty Seminar, Consumer Sciences, The Ohio State University
Mar 2017	Development Economics Research Group Seminar Series, University of Copenhagen
Nov 2016	Faculty Seminar Series, Economics Department, Lafayette College
Oct 2016	Trade & Development Seminar Series, Department of Applied Economics, U of Minnesota

Selected Grants and Awards

2023	Climate Analytics Research Pilot Grant (co-I \$35,00), TDAI
2022	Evidence for Action Grant (co-PI \$386,566), Robert Wood Johnson Foundation
2022	Project Development Grant (PI \$9,580), Agricultural Technology Adoption Initiative (ATAI)
2022	International Section Best Paper 2021 (for Abay, Bevis, and Barrett 2020), AAEA
2022	Sustainability Research Seed Grant (co-PI \$24,908), Sustainability Institute, OSU
2021	Outstanding AJAE Reviewer, AAEA
2021	President's Research Excellence Accelerator Grant (co-PI \$50,000), OSU
2021	Linkage & Leverage Grant (co-PI \$35,000), InFACT, OSU
2021	Health Seed Fund for Racial Justice (co-PI \$23,080), College of Public Health, OSU
2020	Phase I Award (co-PI \$295,000), Assist International
2019	PhD student funding via ARENA Project (\$29,500), Bill and Melinda Gates Foundation
2018	Linkage & Leverage Grant (co-PI \$35,000), InFACT, OSU
2014	George F Warren Award for outstanding research (\$1,000), Dyson School, Cornell
2014	Buttrick-Crippen Fellow (1 semester of Cornell funding), Knight Institute, Cornell
2012	Research Grant (\$15,000), HarvestPlus
2012	StART Research Grant (\$30,000), CIIFAD, Cornell University
2011	NSF Trainee (2 years of Cornell funding + \$14,000 research funding), NSF
2007	Project for Peace Grant, Middlebury College (\$10,000), Katherine Wasserman Davis Foundation

Teaching

Assistant Professor, Ohio State University

AEDE 8402: Development in Agricultural Settings (PhD) – current

AEDE 8102: Applied Econometrics III (PhD) – current

AEDE 6130: Applied Quantitative Methods III (Master's) – current

AEDE 7425: Advanced Development Economics II (PhD)

AEDE 7140: Applied Econometrics II (PhD)

AEDE 4002.01: Econometric Applications in Agribusiness and Applied Economics (undergrad)

AEDE 8200: Frontiers in AED Economics: Applied Econometrics in Development (PhD)

Graduate Student Primary Instructor, Cornell University

AEM 1106: Food Systems in the Developing World (undergrad)

Graduate Advisee Placements

Advisor: Ashish Adhikari (PhD expected 2027)

Karan Shakya (PhD expected 2025)

Shinjini Pandey (PhD expected 2025)

Rabail Chandio (PhD 2023), Assistant Professor and Extension Economist, Iowa State University

Thomas Kim (PhD 2022), Economist, Division of Global Health Protection at the CDC

Kichan Kim (PhD 2021), Economist, World Bank

Osama Sajid (PhD 2021), Socio-economic Specialist, Hatfield Consulting

Committee: Oudom Hean (PhD 2020), Economist, Office of Economic Policy at the U.S. Treasury

Selected Consulting and Work

2023	Impact Evaluation Advisor, Chr. Michelsen Institute (CMI)
2019	Consultant, ARENA Project, Bill and Melinda Gates Foundation
2016	Grant Review, International Initiative for Impact Evaluation (3IE)
2014	Commissioned Policy Paper, HarvestPlus
2013	Uganda Country Coordinator, NSF-Funded National Survey (PI Clark Gray)
2012	World Vision Program Evaluation, Humbo, Ethiopia
2011	CARE Ethiopia Cash Transfer Program Design, Addis Ababa, Ethiopia
2011	World Bank Workshop on Livestock Data in Africa, Rome, Italy

Professional Service

2022 - 2023	PhD Mentor with Association for Mentoring and Inclusion in Economics (AMIE)
2020, 2021	Organizer, Panel on Non-Academic Development Economics Research Jobs, hosted by the Agricultural and Applied Economics Association, International Section.
July 2020	Discussant, AAEA preconference for Handbook of Agricultural Economics, hosted by the Agricultural and Applied Economics Association.

Reviewer for Journals: Review of Economics and Statistics, Journal of Development Economics, American Journal of Agricultural Economics, Journal of the Association of Environmental and Resource Economists, Food Policy, World Development, Journal of Development Studies, Agricultural Economics, Economic Development and Cultural Change, Applied Economic Perspectives & Policy, Journal of Regional Science, Economics and Human Biology, Journal of African Economies, Food Security, Plos One, Ecological Economics, Science of the Total Environment, Population and Environment.

Reviewer for Conferences: International Conference of Agricultural Economists 2018, Northeast Universities Development Consortium 2018 & 2019, Agricultural and Applied Economics Association Annual Meeting 2017 & 2019.

Reviewer for Grant Proposals: International Initiative for Impact Evaluation (3IE), Agricultural Technology Adoption Initiative (ATAI)

University Service

2022 – 2023	Co-Chair, Search Committee for Development Economics, AEDE
2022 – 2023	Member, Faculty Council, AEDE
2021 – present	Member, Graduate Studies Committee, AEDE
2018 – present	Member, STEAM Exchange Committee, STEAM Factory
Fall 2021	Member, Search Committee for Regional, Rural, and Urban Economics, AEDE
2017 – 2021	Member, Seminar Committee, AEDE
Fall 2021	Guest Lecturer, Earth Sciences 1121, Newark Campus
Fall 2020	Member, Search Committee for Regional, Rural, and Urban Economics, AEDE
Fall 2018	Guest Lecturer, Earth Sciences 1121, Newark Campus
Fall 2018	Member, Search Committee for Department Chair, AEDE
Fall 2017	Member, Search Committee for Nutrition Policy, InFACT

Relevant Work Experience Pre-PhD

2010 – 2012	Board of Trustees, Uganda Village Project
2009 – 2010	'Healthy Villages' Coordinator, Uganda Village Project, Iganga, Uganda

2008 Development Intern, New Sudan Education Initiative, Burlington, Vermont
2007 National Story Exchange, Projects for Peace Grant, Uganda
2006 Writing Teacher, Outside the Dream, Kampala, Uganda
2005 Volunteer, Open Arms Infant Transitioning Home, Malawi