

# Leah E. M. Bevis

Dept of Agricultural, Environmental and Development Economics, Ohio State University  
bevis.16@osu.edu ♦ www.leahbevis.com

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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]

- Shakya K., Bevis L., Thorne-Lyman A. (2024). “Diet and Disease: Examining the Seasonal Determinants of Children’s Health in Senegal.” *Food Policy*. 129.
- Shakya K., Bevis L., Heidkamp R., Thorne-Lyman A. (forthcoming). “How does survey timing influence apparent wasting trends? A case study from Senegal.” *Current Developments in Nutrition*.
- 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):n2ab095.
- \*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]

A Community-engaged Qualitative Study of Police Response to 911 Calls for Mental Health and Substance Abuse Crises: "First of all, you are not sending the right people"

*With Jennifer Hefner, Pejmon Nogrehchi, Steve David, \*Shinjini Pandey (Under Review)*

911 Dispatches for Mental Health and Substance Abuse Crises: A Mixed-Methods Analysis of a Police and Social Worker Co-Responding Model

*With Jennifer Hefner, Pejmon Nogrehchi, Steve David, \*Shinjini Pandey*

How Much Time Do American Police Spend on Mental Health Crises?

*With Taled El-Sabawi, Jennifer Carroll (Under Review)*

Diet and Disease: Examining the Seasonal Determinants of Children's Health in Senegal

*With Karan Shakyas\*, Andrew Thorne-Lyman (R&R)*

How Does Survey Timing Influence Apparent Wasting Trends? A Case Study from Senegal

*With Karan Shakyas\*, Andrew Thorne-Lyman, Rebecca Heidkamp (R&R)*

The Green Revolution and Rural Inequality: India

*With Vidhya Soundararajan*

Generalizing Food Subsidies: Evidence from Odisha, India

*With Tanvi Rao, \*Shinjini Pandey*

## Reports, Policy Papers

- 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 Houston  
 Mar 2023\* Centre for the Study of African Economies Conference (CSAE), University of Oxford  
 Dec 2022\* 18<sup>th</sup> 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

2024	Country Study for Uganda (co-PI \$1,250,000), Standing Panel on Impact Assessment (SPIA)
2023	Climate Analytics Research Pilot Grant (co-I \$35,000), TDA Institute, OSU
2022	Evidence for Action Grant (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 (PI \$24,908), Sustainability Institute, OSU
2021	Outstanding AJAE Reviewer, AAEA
2021	President's Research Excellence Accelerator Grant (PI \$50,000), OSU
2021	Linkage & Leverage Grant (PI \$35,000), InFACT, OSU
2021	Health Seed Fund for Racial Justice (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	Trainee (2 years of Cornell funding + \$14,000 research funding), National Science Foundation
2007	Project for Peace Grant, Middlebury College (\$10,000), Katherine Wasserman Davis Foundation

## Teaching

Assistant/Associate 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: 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  
 Sahar Yousef (PhD 2020), Assistant Professor, Doha Institute for Graduate Studies

## 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 AAEA International Section  
 July 2020 Discussant, AAEA preconference for Handbook of Agricultural Economics, hosted by the AAEA  
 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

## **Outreach**

2020 – present    Advising city lawmakers on crisis response policy (with Columbus Safety Collective)  
2023              Trained non-profits on impact evaluation (with Development Learning Lab, Norway)  
2020              Advising Government of Nepal ministry officials on agriculture-nutrition policies (with the Feed the Future Innovation Lab for Nutrition, in Kathmandu)

## **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

This CV was last updated on October 21, 2024.