

Education

PhD in Agricultural and Resource Economics, University of California, Berkeley, 2018-2024 (expected)
Primary Field: Development Economics
Secondary Fields: Environment & Resource Economics, Psychology in Economics, Labor Economics
Master of Public Administration (MPA), University of Washington, 2012-2014
Concentrations: International Development & Program Evaluation
B.A. in International Studies, Whitworth University, 2007-2011

Refereed publications

[Exploring the gender gap in mobile money adoption: Evidence from eight low and middle income countries](#) (with T.W. Reynolds, C.L. Anderson, C. O'Brien-Carelli, & J. Keel). *Information Technology for Development*. (2023).
[Disbursing emergency relief through utilities: Evidence from Ghana](#) (with S. Berkouwer, S. Puller, & C.D. Wolfram). *Journal of Development Economics* Vol 156 (2022).
[Economic benefits of empowering women in agriculture: Assumptions and evidence](#) (with C.L. Anderson, T.W. Reynolds, V. Patwardhan, & C. Schmidt). *Journal of Development Studies* Vol. 57(2): 193-208 (2020).
[A case of mistaken identity? Measuring rates of improved seed adoption in Tanzania using DNA fingerprinting](#) (with A. Wineman, T. Njagi, C.L. Anderson, T.W. Reynolds, D.Y. Alia, P. Wainaina, E. Njue, & M.W. Ayieko). *Journal of Agricultural Economics*, Vol. 71(3): 719-741 (2020).
[Methods of crop yield measurement on multi-cropped plots: Examples from Tanzania](#) (with A. Wineman, C.L. Anderson, & T.W. Reynolds). *Food Security* 11, 1257-1273 (2019).
[Delivering development? Evidence on Self-Help Groups as Development intermediaries in South Asia and Africa](#) (with M.K. Gugerty & C.L. Anderson). *Development Policy Review*, Vol. 37(1): 129-151 (2018).
[Mobile money and branchless banking regulations affecting cash-in, cash-out networks in low- and middle-income countries](#) (with T.W. Reynolds, M. Klawitter, & C.L. Anderson). *Gates Open Research* 2018, 2:64 (2018).
[Relating seasonal hunger and coping and prevention strategies: A panel analysis of Malawian farm households](#) (with C.L. Anderson, T.W. Reynolds, & J. Merfeld). *Journal of Development Studies*, Vol. 54(10): p. 1737-1755 (2017).
[Gender-associated differences in cross-domain risk perception among smallholder farmers in Mali: Implications for development](#) (with A. Cullen, C.L. Anderson, & T.W. Reynolds). *Risk Analysis*, Vol. 38(7): p. 1361-1377 (2017).
Do changes in farmers' seed traits align with climate change? A case study of maize in Chiapas, Mexico (with C.L. Anderson & A. Cronholm). [Handbook of Behavioural Economics and Smart Decision-Making: Rational Decision-Making within the Bounds of Reason](#) (Morris Altman, ed.), p. 251-274 (2017).
[Relative effectiveness of bilateral and multilateral aid on development outcomes](#) (with T.W. Reynolds & C.L. Anderson). *Review of Development Economics*, Vol 21(4): p. 1425-1447 (2017).

Working papers

["Balancing work and childcare: Evidence from COVID-19 school closures and reopenings in Kenya"](#) (with D. Egger & U.J. Pape). Submitted.
["Money or power? Financial infrastructure and optimal policy"](#) (with S. Berkouwer, E. Hsu, O.W. Kim, K. Lee, E. Miguel, & C.D. Wolfram). Submitted.

Research in progress

- “Flooding the mind: Flood shocks, aspirations, and labor supply in Nigeria” (with M. Bangalore, A. Isah, and E. Stacy)
- “Agricultural shocks and conflict in the short- and long-term: Evidence from desert locust swarms”
- “The economics of long-term grid reliability: Evidence from Ghana” (with S. Berkouwer, S. Puller, & C.D. Wolfram)
- “The economics of voltage” (with S. Berkouwer, M. Mikdash, S. Puller, & C.D. Wolfram)
- “Crop shocks: Farmer responses to past pest and diseases losses in Malawi”

Conference presentations

- 2023 Midwest International Economic Development Conference (MWIEDC)
- 2023 Pacific Conference for Development Economics (PacDev) - Winner, Best Poster Award
- 2022 Empirical Studies of Conflict (ESOC) Conference
- 2022 Centre for the Study of African Economies (CSAE) Conference
- 2022 Pacific Conference for Development Economics (PacDev)
- 2021 All-California Labor Economics Conference (ACLEC)
- 2021 Giannini Agricultural & Resource Economics Student Conference (GARESC)
- 2021 Pacific Conference for Development Economics (PacDev)
- 2017 Data for Policy Annual Conference
- 2017 International Consortium on Applied Bioeconomy Research (ICABR) Annual Conference
- 2016 Association for Public Policy Analysis & Management (APPAM) International Conference
- 2016 International Telecommunications Union Focus Group on Digital Financial Services and Financial Inclusion (ITU FG-DFS) Quarterly Convening
- 2015 International Telecommunications Union Focus Group on Digital Financial Services and Financial Inclusion (ITU FG-DFS) Quarterly Convening
- 2012 Mobile Education Symposium

Other presentations

- 2023 UC Berkeley Development Lunch Seminar
- 2023 Princeton University Climate Change & Conflict Invited Presentation
- 2022 UC Berkeley Development Lunch Seminar
- 2021 IPA Kenya Women’s Work, Entrepreneurship, and Skilling Evidence and Policy Roundtable
- 2021 UC Berkeley Environmental Economics Seminar
- 2021 UC Berkeley Development Lunch Seminar
- 2021 Busara Center for Behavioral Economics Lunch and Learn Seminar
- 2020 UC Berkeley Development Lunch Seminar
- 2017 The World Bank Agricultural Microdata Technical Convening
- 2017 Bill & Melinda Gates Foundation Financial Services for the Poor Acceleration Week Digital Credit Learning Session
- 2016 Myanmar Ministry of Labour, Immigration, and Population National Identity Programs Workshop
- 2015 Evans School Research Symposium

Research positions

- Graduate Student Researcher, University of California, Berkeley 2019-2023
The Economics of Long-term Grid Reliability, Catherine Wolfram
- Research & Strategic Initiatives Manager, University of Washington, Seattle, WA 2014-2018
[Evans School Policy Analysis & Research Group \(EPAR\)](#), C. Leigh Anderson
- Research Coordinator, University of Washington, Seattle, WA 2014-2016
Enhancing Women’s Agricultural Value Project, Mary Kay Gugerty and C. Leigh Anderson
- Research Assistant, University of Washington, Seattle, WA 2014
Evans School Minimum Wage Study, Marieka Klawitter and Mark Long

Teaching positions

- UC Berkeley Agricultural & Resource Economics Fall 2022
Introductory Applied Econometrics, Lead Instructor

UC Berkeley Agricultural & Resource Economics <i>Introductory Applied Econometrics</i> , Jeremy Magruder	Fall 2021
Received UC Berkeley Outstanding Graduate Student Instructor Award	
UC Berkeley Agricultural & Resource Economics <i>Environmental Economics</i> , David Roland-Host	Spring 2019
UC Berkeley Agricultural & Resource Economics <i>Agricultural and Environmental Policy</i> , David Zilberman	Fall 2018
University of Washington Evans School of Public Policy & Governance <i>Economics for Policy Analysis and Management I</i> , Brian Dillon	Fall 2013
Spokane Community College (Tutor) <i>Undergraduate English and Spanish</i> , Walk-in Tutoring Service	2010-2011

Selected prior employment

Literacy Boost Program Officer, World Vision International, Federal Way, WA <i>Field work in Burundi, Kenya, and Malawi</i>	2011-2013
Program Management Associate, Africare, Ouagadougou, Burkina Faso	2009-2010

Grants, fellowships, and awards

2022	Research Grant: "Flooding the mind: Flood shocks, aspirations, and labor supply in Nigeria", STEG, \$33,000
2022	Research Grant: "Flooding the mind: Flood shocks, aspirations, and labor supply in Nigeria", SurveyCTO, \$2000
2022	University Award: 2022 Outstanding Graduate Student Instructor Award
2021	Research Grant: "Balancing work and childcare: Evidence from COVID-19 school closures and reopenings in Kenya", Innovations for Poverty Action WWES Initiative, \$12,000
2020	Research Grant: "Childcare shocks and women's labor", UC Berkeley Department of Economics, \$4000
2020	Department Award: Sacheti Family Fund, UC Berkeley College of Natural Resources, \$1,000
2020	Department Award: Center for Educational Equity and Excellence, UC Berkeley College of Natural Resources, \$3,100
2014	University Award: Shelton Fellow, University of Washington
2014	University Award: Pi Alpha Alpha Academic Excellence Award, University of Washington
2011	University Award: President's Cup, Whitworth University
2011	University Award: Mind and Heart Scholar, Whitworth University

Languages: English (Native), French (Fluent), Spanish (Intermediate)

In-country experience: Burkina Faso, Burundi, Ghana, Kenya, Malawi, Tanzania