

PhD Candidate, UC Berkeley Agricultural and Resource Economics
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Education

- PhD in Agricultural and Resource Economics**, University of California, Berkeley, 2018-
Primary Fields: Development Economics, Environment & Resource Economics
Secondary Fields: 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

- [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).
- ["Disbursing emergency relief through utilities: Evidence from Ghana"](#) (with S.B. Berkouwer, S. Puller, & C.D. Wolfram). Submitted.
- ["Money or power? Financial infrastructure and optimal policy"](#) (with S.B. Berkouwer, E. Hsu, O.W. Kim, K. Lee, E. Miguel, & C.D. Wolfram). Submitted.
- "Exploring the Gender Gap in Mobile Money Adoption: Evidence from Eight Low-Income Countries" (with T.W. Reynolds & C.L. Anderson). Revise & Resubmit.

Research in progress

- "The Impacts of Agricultural Shocks on Conflict: Evidence from Locust Swarms".
- "The Economics of Long-term Grid Reliability: Evidence from Ghana" (with S. Berkouwer, S. Puller, & C.D. Wolfram).

“Polygynous Households and Intra-Household Decision-Making: Evidence and Policy Implications from Mali and Tanzania” (with C.L. Anderson, T.W. Reynolds, & J. Merfeld).

Conference presentations

- 2021 All-California Labor Economics Conference
- 2021 Giannini Agricultural & Resource Economics Student Conference
- 2021 The Pacific Development Conference
- 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

- 2021 UC Berkeley Environmental Economics Seminar
- 2021 UC Berkeley Development Economics Seminar
- 2021 Busara Center for Behavioral Economics Lunch and Learn Seminar
- 2020 UC Berkeley Development Economics 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 2019-2021
The Economics of Long-term Grid Reliability, Catherine Wolfram
 - Analysis of economic impacts of changes in electricity reliability on firms and households in Accra, Ghana
- Research & Strategic Initiatives Manager**, University of Washington, Seattle, WA 2014-2018
Evans School Policy Analysis & Research Group (EPAR), C. Leigh Anderson
 - Manage team of student research assistants and rotating portfolio of research projects, funded by a grant from the Bill & Melinda Gates Foundation (BMGF)
 - Develop research frameworks and methods for portfolio of projects, oversee research process, conduct literature reviews and econometric analyses, and review and produce publication manuscripts, technical reports and briefs, and other research outputs
 - Publish in peer-reviewed journals and present at academic conferences and international and domestic research and policy workshops
 - Co-author of over 75 technical reports and research briefs; completed non-confidential reports available at <https://evans.uw.edu/policy-impact/epar/research>
- Research Coordinator**, University of Washington, Seattle, WA 2014-2016
Enhancing Women's Agricultural Value Project, Mary Kay Gugerty and C. Leigh Anderson
 - USAID-funded research field experiment in Tanzania evaluating impacts of random introduction of rotating labor-sharing groups to members of farmer groups
 - Manage project activities, including intervention design and implementation, survey development and coding, data collection in the field in Tanzania, and data cleaning and analysis
- Research Assistant**, University of Washington, Seattle, WA 2014
Evans School Minimum Wage Study, Marieka Klawitter and Mark Long
 - Simulate effects of changes in the Seattle minimum wage on employee earnings, food stamp eligibility, poverty, and business payrolls for March 2014 “[Who Would be Affected by an Increase in Seattle's Minimum Wage?](#)” report for the City of Seattle

Teaching positions

UC Berkeley Agricultural & Resource Economics (Graduate Student Instructor) <i>Environmental Economics</i> , David Roland-Host	Fall 2021
UC Berkeley Agricultural & Resource Economics (reader) <i>Environmental Economics</i> , David Roland-Host	Spring 2019
UC Berkeley Agricultural & Resource Economics (reader) <i>Agricultural and Environmental Policy</i> , David Zilberman	Fall 2018
University of Washington Evans School of Public Policy & Governance (TA) <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

Resource Adaptation Officer , World Vision International, Federal Way, WA	2011-2013
<ul style="list-style-type: none">Supported planning and implementation of Literacy Boost project in East AfricaFacilitated training workshops to build capacity around local literacy resources development in Burundi, Kenya, and Malawi, and supported country office implementation of resource localization in education programming	
Program Management Associate , Africare, Ouagadougou, Burkina Faso	2009-2010
<ul style="list-style-type: none">Supported program monitoring and evaluation for multiple Africare projectsPerformed grant-writing, organizational marketing, and translation activities	

Grants, fellowships, and awards

2021	Research Grant, Innovations for Poverty Action Women's Work, Entrepreneurship, and Skilling (WWES) Initiative
2020	Research Grant, UC Berkeley CECA
2014	Shelton Fellow, University of Washington
2014	Pi Alpha Alpha Academic Excellence Award, University of Washington
2011	President's Cup, Whitworth University
2011	Mind and Heart Scholar, Whitworth University

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

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