

PhD Candidate, UC Berkeley Agricultural and Resource Economics
pbiscaye@berkeley.edu | 303-669-0936 | www.pierrebiscaye.com

Education

PhD in Agricultural and Resource Economics, University of California, Berkeley, 2018-2024 (expected)
Primary Field: Development Economics
Secondary Fields: Environment & Resource Economics, Labor Economics, Psychology in 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

"Agricultural shocks and conflict in the short- and long-term: Evidence from desert locust swarms"

“Flooding the mind: Flood shocks, aspirations, and labor supply in Nigeria” (with A. Isah, and E. Stacy)
 “Forcing reallocation? Floods and long-term structural transformation in Nigeria” (with M. Bangalore and A. Isah)
 “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); Pacific Conference for Development Economics (PacDev)
 2022 Empirical Studies of Conflict (ESOC) Conference; Centre for the Study of African Economies (CSAE) Conference; Pacific Conference for Development Economics (PacDev)
 2021 All-California Labor Economics Conference (ACLEC); Giannini Agricultural & Resource Economics Student Conference (GARESC); Pacific Conference for Development Economics (PacDev)
 2017 Data for Policy Annual Conference; International Consortium on Applied Bioeconomy Research (ICABR) Annual Conference
 2016 Association for Public Policy Analysis & Management (APPAM) International Conference; 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; 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; UC Berkeley Environmental Economics Seminar; UC Berkeley Development Lunch Seminar; Busara Center for Behavioral Economics Lunch and Learn Seminar
 2020 UC Berkeley Development Lunch Seminar
 2017 The World Bank Agricultural Microdata Technical Convening; 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
<i>The Economics of Electricity Grid Reliability</i> , Catherine Wolfram	
Research & Strategic Initiatives Manager, University of Washington, Seattle, WA	2014-2018
<u>Evans School Policy Analysis & Research Group (EPAR)</u> , C. Leigh Anderson	
Research Coordinator, University of Washington, Seattle, WA	2014-2016
<i>Enhancing Women’s Agricultural Value Project</i> , Mary Kay Gugerty and C. Leigh Anderson	
Research Assistant, University of Washington, Seattle, WA	2014
<i>Evans School Minimum Wage Study</i> , Marieka Klawitter and Mark Long	

Teaching positions

UC Berkeley Agricultural & Resource Economics	Fall 2022
<i>Introductory Applied Econometrics</i> , Lead Instructor	
UC Berkeley Agricultural & Resource Economics	Fall 2021
<i>Introductory Applied Econometrics</i> , Jeremy Magruder	
Received UC Berkeley Outstanding Graduate Student Instructor Award	
UC Berkeley Agricultural & Resource Economics	Spring 2019
<i>Environmental Economics</i> , David Roland-Host	
UC Berkeley Agricultural & Resource Economics	Fall 2018

<i>Agricultural and Environmental Policy</i> , David Zilberman	Fall 2013
University of Washington Evans School of Public Policy & Governance	
<i>Economics for Policy Analysis and Management I</i> , Brian Dillon	
Spokane Community College (Tutor)	2010-2011
<i>Undergraduate English and Spanish</i> , Walk-in Tutoring Service	

Selected prior employment

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

Grants, fellowships, and awards

2023	Travel Grants: UC Berkeley Graduate Division, \$1800
2023	Best Poster Award: Pacific Conference for Development Economics
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