

Andrew Hobbs

347 Divisadero Street • San Francisco, CA • +1-801-641-1493 • awhobbs@ucdavis.edu

Education

- Ph.D. Agricultural and Resource Economics**, *University of California, Davis* 2015-2020 (Expected)
- Fields: Development Economics, Environmental Economics.
 - Referee: American Journal of Agricultural Economics, Journal of Development Studies.
- M.A. Economics**, *University of British Columbia* 2010
- Honors B.S. Economics, B.A. International Studies**, *University of Utah* 2009

Research in Progress

- "Power When it Matters Most: Risk, investment, and insurance when income drives bargaining power" (Job Market Paper)
- "Computer Vision for Drought Resilience"
- "Do Droughts Drive Deforestation? Evidence From Mozambique"
- "Combining index-based livestock insurance with a poverty graduation program in Kenya" (with Michael Carter, Andrew Mude, Nathan Jensen, and Nobu Ikegami)

Publications

- "Challenges and Opportunities for Efficient Land Use in Mozambique: Taxes, Financing, and Infrastructure" (2016). *Climate Policy Initiative*. with Amanda de Albuquerque
- "The California Carbon Dashboard." (2013). *Climate Policy Initiative*. Interactive Website.
- "Improving Solar Policy: Lessons from the solar leasing boom in California." (2013). *Climate Policy Initiative*. with Elinor Benami, Brendan Pierpont, and Uday Varadarajan.
- "Building Energy Efficiency in China, Germany, and the United States." (2012). *Climate Policy Initiative*. with Hermann Amecke, Aleksandra Novikova, Yang Xiu, and Shengyuan Zhang.
- "Clearing the Air: Carbon Pricing and Local Air Pollution in California." (2012). *Climate Policy Initiative*. with Kath Rowley.
- "Codes to Cleaner Buildings: Effectiveness of U.S. Building Energy Codes." (2011). *Climate Policy Initiative*. with Jeff Deason.
- "Measuring the effect of bi-directional migration remittances on poverty and inequality in Nicaragua." (2012). *Applied Economics*, Volume 44, Issue 19.

Presentations

- "Household Decisions Under Risk: Evidence from Samburu County, Kenya." American Agricultural Economics Association, July 21, 2019, Atlanta, Georgia.
- "Durable Empowerment: Designing Insurance to Maximize Benefits for Women" Digital Credit Observatory Women's Economic Empowerment Convening, June 27, 2019, Berkeley, California.
- "Computer Vision for Drought Resilience" Computer Vision and Pattern Recognition (CVPR 2019), June 15, 2019, Long Beach, California.
- "Do Droughts Drive Deforestation?" Association of Environmental and Resource Economics Summer Conference, May 30, 2019, Incline Village, California.

"Household Decisions Under Risk: Evidence from Samburu County, Kenya." Departmental Seminar, University of San Francisco Department of Economics, January 31, 2019, San Francisco, California.

"More frequent flooding accelerates deforestation in Mozambique." Geo4Dev, November 15, 2018, Berkeley, California.

"Learning about pastoralist decisionmaking with games." International Center for Evaluation & Development Evidence to Action Conference, July 24, 2018, Nairobi, Kenya.

"Lessons for South Africa from the solar leasing boom in California." Solar Indaba, September 4, 2013, Cape Town, South Africa.

"Financial Incentives for Energy Efficient Retrofits in Buildings." ACEEE Buildings Summer Study, August 12, 2012.

"Remittances, Poverty, & Inequality in Nicaragua." University of Utah Undergraduate Research Symposium, Salt Lake City, UT, USA, March 31, 2009.

Employment

Adjunct Professor, *University of California, San Francisco* Fall 2019

- Developed materials and taught Masters level course in Development Economics.

Graduate Student Researcher, *University of California, Davis* 2016-Present

- Worked with Michael Carter and the International Livestock Research Institute to implement a Randomized Controlled Trial (RCT) on the impact of a women's poverty graduation program and an index-based livestock insurance product.

Graduate Student Instructor, *University of California, Davis* 2016

- Led discussion sections and grading for upper division course in Environmental Economics.

Analyst, *Climate Policy Initiative* 2010-2016

- Led Climate Policy Initiative's (CPI) work program on agriculture and forest protection in Mozambique, working closely with Barclays Africa on agricultural credit initiatives, value chain analyses, and land tenure issues.
- Managed projects analyzing the impact of solar leasing in California, building codes in the U.S., land use policy in Mozambique, and oil refinery emissions in the European Union.
- Designed and coded the California Carbon Dashboard, an interactive website that informs stakeholders about California's carbon price and related policies.
- Supported research on concentrating solar power in South Africa and building energy efficiency in China, Germany, and the United States.

References

Michael Carter, Professor and Director, Feed the Future MRR Innovation Lab, UC Davis

+1-608-628-8921; mrcarter@ucdavis.edu

Travis Lybbert, Professor, UC Davis

+1-530-554-1393; tlybbert@ucdavis.edu

Katrina Jessoe, Associate Professor, UC Davis

+1-530-752-6977; kkjessoe@ucdavis.edu