Claire Boone

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INTERESTS

Health economics, health policy, behavioral economics, behavioral science, impact evaluation, clinical decision-making

EDUCATION

Ph.D. Health Policy, Health Economics, University of California Berkeley — 2022
Committee: Paul Gertler, Ziad Obermeyer, Ulrike Malmendier, Jonathan Kolstad

MPH Epidemiology & Biostatistics, University of California Berkeley — 2017

BA&Sc Biology & Economics, McGill University — 2013

JOB MARKET PAPER

Title: **The Role of Thresholds and Discretion in Clinical Decision-Making**

Summary: When a decision maker has discretion, such as a worker reporting their taxable income, threshold-based rules or policies are known to distort behavior. This has not been studied in the context of medicine, where thresholds guide many important diagnosis and treatment decisions. Using bunching estimation & data from over 600,000 primary care visits in Chile I study how providers make diagnostic and treatment decisions for hypertension, defined as blood pressure $\geq 140/90$ mmHg. Importantly, blood pressure is a noisy measure of risk and often over-stated when measured in clinic. I find a large behavioral response to the diagnostic threshold, suggesting providers use their discretion to recategorize some positive tests as negatives. Here, the behavioral response leads to a more accurate classification of patients according to cardiovascular risk. Last, I find evidence suggesting providers use the representative heuristic to distinguish between true and false positives.

WORKING PAPERS

How Spillovers from Appointment Reminders Improve Health Clinic Efficiency *NBER Working Paper 28166 & Revision requested at Journal of Health Economics.* (with P Celhay, T Gracner, P Gertler, & J Rodriguez)

Can a private health sector engagement program with social health insurance encourage pro-poor outcomes? Evidence from an impact evaluation in Kenya. *Under review at Health Services Research Special Issue on Health Care Equity* (with P Gertler, J Gruber, & A Kwan).

Do private providers give patients what they demand, even if it is inappropriate? A randomized study using standardized patients in Kenya. *Under review at BMJ Open* (with P Gertler, A Kwan, & G Sulis)

How can quality of care be assessed in the 21st century? Combining multiple measurement methods in a Kenyan field experiment. (with P Gertler, A Kwan, & N Perales)

SELECT WORK IN PROGRESS

The Role of Appointment Reminders in the Management of Chronic Disease. (with P Celhay, P Gertler, & T Gracner).

Who gets diagnosed with type 2 diabetes? (with P Geldseltzer)

The Long-term Health Impact of In-Utero Exposure to Excessive Intake of Sugar. (with P Gertler & T Gracner)

Measuring behavioral biases in physicians: a standardized patient experiment in Rwanda (with P Gertler & A Stiney-Wellsjo)

The Impact of US School Exercise Policies in Student Behavior (with N Perales)

PUBLICATIONS	**StayWell at Home: A Text Messaging Intervention to Counteract Depression and Anxiety during COVID-19 Social Distancing**. *JMIR Mental Health* 2021. (with A Aguilera, C Figueroa, R Hernandez-Ramos et al.)
	Proximate determinants of tuberculosis in Indigenous peoples worldwide: a systematic review. *Lancet Global Health* 2019. (with M Cormier, K Schwartzman, N'Diaye D et al.)
	Zika: A scourge in urban slums. *PLOS Neglected Tropical Diseases* 2017. (with R Snyder, C Cardoso, L Riley et al.)
	Exploring genetic suppression interactions on a global scale. *Science* 2016. (with J van Leeuwen, C Pons, J Mellor et al.)
POLICY REPORTS	**African Health Markets for Equity Impact Evaluation** (with D Contreras, R Cuckovich, P Gertler, J Gruber, A Kwan, & N Perales)
	The Impact of SMS Appointment Reminders on Patient Health (with P Celhay, P Gertler, & T Gracner)
	Educate! Evaluation: Four-year Follow-up Report (with D Carney, L Chioda, P Gertler, D Contreras, A Jager, & A Kwan)
PRESENTA-TIONS	**2021**: American Society of Health Economists (ASHEcon), International Health Economics Association (iHEA), The People Lab at UC Berkeley **2020**: Conference on Health IT and Analytics (CHITA)
RESEARCH EXPERIENCE	**The Sweet Life: the Long-Term Effects of a Sugar-Rich Diet**, Research assistant for Dr. Paul Gertler, & Dr. Tadeja Gracner (2020-present) **African Health Markets for Equity**, Research assistant for Dr. Paul Gertler (2019-2020) **Educate! Soft Skills and Entrepreneurship for Youth in Uganda**, Research assistant for Dr. Laura Chioda & Dr. Paul Gertler (2017-2019)
TEACHING EXPERIENCE	**Epidemiological Methods I**, UC Berkeley School of Public Health, graduate level. Teaching assistant for Professor Sandra McCoy, Fall 2017. Average rating 5.98/7 **Introduction to Economics**, UC Berkeley Economics Department, undergraduate level. Teaching assistant for Professor Martha Olney Fall 2016. Av. rating 5.95/7 **Introduction to Economics**, UC Berkeley Economics Department, undergraduate level. Teaching assistant for Professor Brad DeLong Spring 2016. Av. rating 6.51/7

AWARDS	The Berkeley Center on the Economics and Demography of Aging Pilot grant	2021
	UC Berkeley Institute for International Studies, Summer research fellowship	2019
	UC Berkeley Center for Latin American Studies travel grant	2019
	USAID Global Development Fellow	2018
	Tinker Foundation Latin America Travel Grant	2018
	Center for Global Public Health Summer Research Fellow	2016, 2018
	Block Grant for highest GPA in Master's program	2017
	UC Berkeley School of Public Health Alumni Association Award	2017
	Foreign Language and Area Studies Summer Fellow	2016
	McGill University Dean's Honor List for GPA in top 10% of students	2013

SERVICE	Mentor, Getting into Grad School, UCB Office for Graduate Diversity	2020-2021
	Mentor, Undergraduate Research Apprentice Program at UC Berkeley	2019-2022
	Health Policy Graduate Admissions Committee	2019
	Member, Economists for Equity at UC Berkeley	2017-present

OTHER	Languages: R, Stata, French, Spanish
	Citizenship: United States and Canada

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