Niall C. Keleher

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Motivation:

Researcher experienced in designing and executing experiments seeking work in causal inference at scale.

Skills:

field experiments, behavioral economics, machine learning, econometrics, survey methodology, Python, R, Stata

Education

University of California Berkeley, Ph.D. Information Management & Systems — 2019

Harvard Kennedy School, MPA in International Development — 2006

The Johns Hopkins University, B.A. Economics and International Studies (Double Major) — 2003

Work Experience

Stanford University

Postdoctoral Scholar and Lecturer, Stanford Graduate School of Business — 09/2019-Present

Data Science Scholar, Stanford Data Science Institute — 01/2020-Present

Innovations for Poverty Action

Director of Research Methods and Training — 01/2012-08/2014

Country Director, Malawi — 01/2009-12/2011

The World Bank Group

External Research Consultant — 08/2015-12/2018

Junior Professional Associate, Office of the Chief Economist — 07/2006-08/2008

Publications

Journal Articles

Beaman, L., Heskowitz, S., Keleher, N., and Magruder, J. "Stay in the Game: A Randomized Controlled Trial of a Sports and Life Skills Program for Vulnerable Youth in Liberia." Accepted at *Economic Development and Cultural Change.*

Beaman, L., Keleher, N., Magruder, J. (2018). "Do Job Networks Disadvantage Women? Evidence from a Recruitment Experiment in Malawi." *Journal of Labor Economics* 36, no. 1 (January 2018): 121-157.

Conference Proceedings

Keleher, N., Barela, M.C., Blumenstock, J.E., Festin, C., Podolsky, M, Rezaee, A., Troland, E., Heimerl, K. (2020). "Connecting Isolated Communities: Quantitative Evidence on the Adoption of Community Cellular Networks in the Philippines." Conditionally Accepted, *The Eleventh International Conference on Information and Communication Technologies and Development (ICTD2020)*, Guayaquil, Ecuador.

Blumenstock, J.E., Keleher, N., and Reisinger, J. (2016). "The Premise of Local Information: Building Reliable Economic Indicators from a Decentralized Network of Contributors." *The Eighth International Conference on Information and Communication Technologies and Development (ICTD2016)*, Notes Track, Ann Arbor, MI.

Blumenstock, J.E. and Keleher, N. (2015). "The Price Is Right? Statistical evaluation of a crowdsourced market information system in Liberia." *The 5th Annual ACM Symposium on Computing for Development (DEV '15)*, London, U.K.

Working Papers

Blumenstock, J.E., Keleher, N., Troland, E., and Rezaee, A. "The Impact of Mobile Phones: Experimental Evidence from the Random Assignment of New Cell Towers." Accepted, *Pacific Conference for Development Economics (PacDev 2020)*.

Beaman, L., Keleher, N., and Magruder, J. "Leveraging Social Connections: An experiment to target cash transfers through social networks in Monrovia, Liberia."

Blumenstock, J.E., Callen, M., Ghani, T., Keleher, N., and Shapiro, J. "Measuring of Poverty and Vulnerability in Real-Time."

Teaching

Lead Instructor, **Software Prototyping for Data Science and Information Management** Fall 2017
University of California Berkeley

Overview of procedural programming, object-oriented programming, and functional programming techniques in the Python scripting language, together with an overview of fundamental data structures, associated algorithms, and asymptotic performance analysis.

Graduate Student Instructor, **History of Information** Spring 2018 & 2019
University of California Berkeley Instructors: Paul DUGUID and Geoffrey NUNBERG
★ 2018 Outstanding Graduate Student Instructor Award

Teaching Assistant, **Core Methods in Data Science** Spring 2016
University of Washington Instructor: Joshua BLUMENSTOCK

Course Assistant, **Econometrics** Spring 2006
Harvard Kennedy School Instructor: Robert JENSEN

Course Assistant, **Development Economics** Fall 2005
Harvard Kennedy School Instructors: Dani RODRIK and Mark ROSENZWEIG

Course Assistant, **Microeconomics** Fall 2001
Johns Hopkins SAIS Europe Instructor: Charles PEARSON

Affiliations

Golub Capital Social Impact Lab, Stanford Graduate School of Business	2019 - Present
Data Intensive Development Lab, University of California Berkeley, School of Information	2016 - Present
Institutional Review Board, Board Member, Innovations for Poverty Action	2012 - Present
American Economic Association, Member	2013 - Present
National Association of Business Economics, Member	2018 - Present
Research Committee, Ph.D. Student Representative, University of Washington, Information School	2016
Research Review Committee, Peer Reviewer, Innovations for Poverty Action	2010-2015
DataLab, Ph.D. Student Affiliate, University of Washington, Information School	2014 - 2016

Referee Service and Peer Review: Word Bank Economic Review, Journal of Development Economics, Journal of African Economies, National Science Foundation (NSF), IEEE/ACM Conference on Information and Communication Technologies and Development (ICTD), ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), Social Informatics (SocInfo16)