

Daniel Björkegren

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Address: Department of Economics
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Brown University
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Academic Employment

2014- Assistant Professor of Economics, Brown University
2017-2018 W. Glenn Campbell and Rita Ricardo-Campbell National Fellow,
Stanford University

Education

2014	Ph.D. Economics	Harvard University
2011	M.A. Economics	Stanford University
2009	M. Public Policy	Harvard Kennedy School
2005	B.S. Physics	University of Washington

Research

Publications

“The Adoption of Network Goods: Evidence from the Spread of Mobile Phones in Rwanda”
Review of Economic Studies, 2018

“The Potential of Digital Credit to Bank the Poor” (with Darrell Grissen)
American Economic Association Papers and Proceedings, 2018

Working Papers

“Behavior Revealed in Mobile Phone Usage Predicts Credit Repayment” (with Darrell Grissen)
Accepted, World Bank Economic Review

“Competition in Network Industries: Evidence from Mobile Telecommunications in Rwanda”
Submitted.

“Nostalgic Demand”

“Non-Choice Evaluations Predict Behavioral Responses to Changes in Economic Conditions”
(with B. Douglas Bernheim, Jeffrey Naecker, and Antonio Rangel)

“The Value and Spread of Information: Evidence from the Network of Mobile Phones in Rwanda”

Research in Progress

“The Joint Network Structure of Spillovers and Policy: Evidence from a Mobile Phone Handout in Rwanda”

“Manipulation Proof Machine Learning” (with Joshua Blumenstock)

“Welfare Sensitive Machine Learning” (with Joshua Blumenstock)

Presentations

- 2019 NBER Industrial Organization (Winter), Federal Trade Commission (FTC)
- 2018 AEA Annual Meeting, University of Washington, Stanford University, UC Berkeley, Artificial Intelligence for Economic Development (CEGA/World Bank), Federal Communications Commission (FCC), PacDev, NBER Digitization (Winter, and Summer poster session), NBER Development (Fall), World Bank ABCA
- 2017 Dartmouth Winter IO Conference, J-PAL Policy Conference Dominican Republic, NetMob, Penn State Conference on Data Driven Development in Africa, UC San Diego, Berkeley-Stanford IO Fest, University College London
- 2016 AEA Annual Meeting, Microsoft Research Fall Economics Conference, NBER Digitization (Summer), World Bank ABCDE
- 2015 Georgetown, University of Houston, NEUDC, NBER Development (Summer), NBER Industrial Organization (Winter), NetMob, Stockholm School of Economics, Stockholm University, Summer Institute in Competitive Strategy (UC Berkeley), UC Davis (ARE), Yale University
- 2014 Boston University, Brown University, Michigan State University (Ag. Economics and Telecom), Northwestern (Kellogg MEDS), Stanford GSB, University of Cambridge (INET Institute)
- 2013 NEUDC
- 2012 Nagoya University Conference on Risk, Food and Trade

Honors

- 2013-2014 Oppenheimer Graduate Fellowship Fund Harvard University
- 2011-2013 Graduate Fellowship Harvard Economics
- 2010 George Shultz Fellowship Stanford Institute for Economic Policy Research
- 2009 Graduate Fellowship Stanford Economics
- 2003 Jerre Noe Scholarship University of Washington Computer Science
- 2002 Freshman Medal University of Washington

Teaching

- 2014- Big Data (Undergraduate) Brown University
- Applied Research Methods (Undergraduate) Brown University
- Development Economics (Ph.D.) Brown University
- 2005-2007 High School Math and Science (Teach for America) Weslaco, Texas

Professional Activities

Affiliations Brown University Population Studies and Training Center
Brown University Data Science Initiative

Referee [ACM CSCW](#), [ACM DEV](#), [Demography](#), [Development Engineering](#), [Journal of Development Economics](#), [Journal of Labor Economics](#), [Journal of Political Economy](#), [Journal of Public Economics](#), [Marketing Science](#), [National Science Foundation](#), [Quarterly Journal of Economics](#), [Review of Economics and Statistics](#), [Science](#), [Theoretical Economics](#), and others

Other Co-founder and Board Member, Precision Agriculture for Development Technical Program Committee, ACM Computing for Development 2016

Grants

- 2018 Bill and Melinda Gates Foundation, “Digital Credit Scoring”, \$420,000 (with Joshua Blumenstock)
- Brown Seed Funding, “Making Decisions with Manipulated Data”, \$49,954
- IGC, “Digital Information Channels in the Rwandan Potato Value Chain”, £49,721 (with Ram Fishman and Michael Kremer)
- 2017 NET Institute, “Competition in Network Industries”, \$3,000
- 2015 Unorthodox Philanthropy: “Precision Agriculture for Development”, \$1,193,500 (with Michael Kremer, Shawn Cole, and Heiner Baumann)
- Anonymous Donor: “Precision Agriculture for Development”, \$2,241,100 (with Michael Kremer, Shawn Cole, and Heiner Baumann)
- 2010 Stanford Institute for Economic Policy Research, George Shultz Fellowship: “Big Data for Development”, \$3,000

Other Employment

- 2008-2009 Abdul Latif Jameel Poverty Action Lab (J-PAL) Consultant
2000-2001 Microsoft Mobile Device Division Software Development Intern

Language English (native), Swedish (fluent)

PhD Students with initial placement

- 2018 Will Violette, Federal Trade Commission
2017 Margarita Gafaro Gonzalez, Banco de la Republica Colombia
Sveta Milusheva, World Bank Research Group
Aurora Ramirez Alvarez, Colegio de México
2016 Morgan Hardy, NYU Abu Dhabi