

- EMPLOYMENT Stanford University (July 2013 -)
Assistant Professor, Department of Economics
- Microsoft Research, New England (July 2012 - June 2013)
Postdoctoral Researcher
- EDUCATION Massachusetts Institute of Technology (2007-2012)
PhD, Economics
Thesis: “Essays on Social Networks in Development Economics”
- Columbia University, *summa cum laude* (2003-2007)
BA, Mathematics (Honors), Economics (Honors)
Math Thesis: “Three Essays on Lie Algebras”
Economics Thesis: “The Effect of Reputation Heuristics on Auction Prices”
- AFFILIATIONS Abdul Latif Jameel Poverty Action Lab, Affiliate (J-PAL)
Bureau for Research and Economic Analysis of Development (BREAD)
Center for Effective Global Action (CEGA)
National Bureau of Economic Research, Faculty Research Fellow (NBER)
Stanford Institute for Economic and Policy Research (SIEPR)
Theoretical Research in Development Economics (ThReD)
Yale Research Initiative on Innovation and Scale (Y-RISE)
- REFEREED
PUBLICATIONS 1. The diffusion of microfinance (with Abhijit Banerjee, Esther Duflo, and Matthew O. Jackson), *Science* (2013): Vol. 341 no. 6144 1236498 DOI:10.1126/science.1236498
2. Network structure and the aggregation of information: Theory and evidence from Indonesia (with Vivi Alatas, Abhijit Banerjee, Rema Hanna and Ben Olken), *American Economic Review* (July 2016): Vol. 106 no. 7
3. Social networks as contract enforcement: Evidence from a lab experiment in the field (with Cynthia Kinnan and Horacio Larreguy) [forthcoming at the *American Economic Journal: Applied Economics*], *NBER working paper w20309*
4. Social networks, reputation and commitment: Evidence from a savings monitors experiment (with Emily Breza) [forthcoming at *Econometrica*], *NBER working paper w21169*
5. Using gossips to spread information: Theory and evidence from two randomized controlled trials (with Abhijit Banerjee, Esther Duflo and Matthew O. Jackson), *NBER working paper w20422* [forthcoming at the *Review of Economic Studies*]
- BOOK CHAPTERS 6. Econometrics of network formation. *Oxford Handbook on the Economics of Networks*. (edited by Yann Bramoullé, Andrea Galeotti and Brian Rogers). Oxford University Press, 2016.
- WORKING PAPERS **Revisions**
7. Testing models of social learning on networks: Evidence from a lab experiment in the field (with Horacio Larreguy and Juan Pablo Xandri) [revised and resubmitted to *Econometrica*], *NBER working paper w21468*

8. Using aggregated relational data to feasibly identify network structure without network data (with Emily Breza, Tyler McCormick and Mengjie Pan), *NBER working paper w23491* [2nd round revision requested at the *American Economic Review*]
9. A network formation model based on subgraphs (with Matthew O. Jackson) [revised and resubmitted to the *Review of Economic Studies*]
10. Changes in social network structure in response to exposure to formal credit markets (with Abhijit Banerjee, Esther Duflo and Matthew O. Jackson) [revision requested at the *Review of Economic Studies*]

In Progress

11. Signaling, shame, and silence in social learning (with Ben Golub and He Yang) [submitted]
12. When less is more: Experimental evidence on information delivery during India's demonetization (with Abhijit Banerjee, Emily Breza, and Ben Golub) [submitted]
13. Naive learning with uninformed agents (with Abhijit Banerjee, Emily Breza, and Markus Mobius) [submitted]
14. Financial centrality and liquidity provision (with Rob Townsend and Juan Pablo Xandri)
15. Seeing the forest for the trees? An investigation of network knowledge (with Emily Breza and Alireza Tahbaz-Salehi)
16. Network centrality and informal institutions: Evidence from a lab experiment in the field (with Emily Breza and Horacio Larreguy), *NBER working paper w18351*
17. Econometrics of sampled networks (with Randall Lewis)

RESEARCH IN PROGRESS

18. Celebrity endorsement and social influence: A nationwide twitter experiment promoting vaccination in Indonesia (with Vivi Alatas, Markus Mobius, Cindy Paladines, and Ben Olken) *Experiment completed.*
19. Making the dynamics of social learning visible (with Abhijit Banerjee, Emily Breza, and Markus Mobius) *Currently in the field.*

OLD STUFF

20. Tractable and consistent random graph models (with Matthew O. Jackson), *NBER working paper w20276*, *arXiv: 1210.7375*
 - Revised heavily and replaced by "A network formation model based on subgraphs"
21. Investments in social ties, risk sharing, and inequality (with Attila Ambrus and Matt Elliott), *NBER working paper w20669*
22. Inference for best linear approximations to set identified functions (with Victor Chernozhukov, Francesca Molinari, and Paul Schrimpf)
23. Information, networks and insurance: Evidence from a lab experiment in the field (with Cynthia Kinnan and Horacio Larreguy), *CFSP working paper*
24. Come play with me: Experimental Evidence of information diffusion about rival goods (with Abhijit Banerjee, Emily Breza, Esther Duflo and Matthew O. Jackson) *Paper was presented at NEUDC 2012, AEA 2014, ASSA 2016.*
25. A note on payments in the lab for infinite horizon dynamic games with discounting (with Juan Pablo Xandri)

FELLOWSHIPS,
HONORS, AND
AWARDS

- National Science Foundation Grant, Workshop on Network Economics, Co-PI (with Ben Golub, Matthew O. Jackson, and Sudipta Sarangi)
- Alfred P. Sloan Research Fellow (2018-2020)
- National Science Foundation Grant, Talk, noise, and silence in networks: Obstacles to information sharing, PI (2018-2020, with Ben Golub)
- National Science Foundation Grant, Multiplexing: Theories and Tests of Interactions Between Types of Relationships SES-1629328, Co-PI (2017-2019, with Ben Golub and Matthew O. Jackson)
- National Science Foundation Grant, Affirmative Action, Attitudes, and Social Networks: Evidence from Caste-based reservation in India SES-1559469, Co-PI (2016-2019, with Emily Breza)
- SEED Grant (2015, with Emily Breza)
- National Science Foundation Grant, Experimentally Identifying Constraints to Risk Sharing: Separating Limited Commitment, Moral Hazard and Hidden Income SES-1530791, Co-PI (2015-2019, with Melanie Morten)
- PEDL Grant (2015, with Emily Breza and Mounu Prem)
- IRiSS Seed Grant (2015)
- SIEPR/SCID Grant (2014)
- National Science Foundation Grant, The Economic Benefits of Investing into Social Relationships, Co-PI (2015-2019, with Attila Ambrus and Matt Elliott)
- PEDL Grant (2014, with Xiao Yu Wang)
- SEED Grant (2014, with Emily Breza and Xiao Yu Wang)
- Empirical Microeconomists' Jamboree, Duke University (2014)
- National Science Foundation Grant, Making the Dynamics of Social Learning Visible SES-1326661, Co-PI (2013-2019, with Abhijit Banerjee, Emily Breza and Markus Mobius)
- USAID Grant AID-OAA-F-13-00038 (2013-2014, with Emily Breza, Manaswini Rao and Ashish Shenoy)
- Russell Sage Foundation Small Grant in Consumer Finance #98-13-10 (2013-2014)
- Stanford Institute for Innovation in Developing Economies (SEED) Grant (2013, with Emily Breza)
- Institute for Research in the Social Sciences (IRiSS) Seed Grant (2013)
- National Science Foundation Grant, Collaborative Research: Social Networks and Microfinance SES-1156182, Co-PI (2012-2017, with Abhijit Banerjee, Esther Duflo and Matt Jackson [SES-1155302])
- Agricultural Technology Adoption Initiative (ATAI) Grant (2012)
- Phaal Curry Monster (2012) - for eating *Naga Jolokia* ghost chili curry
- National Science Foundation Graduate Research Fellowship (2007-2011)
- Consortium on Financial Systems and Poverty (CFSP) Seed Grants (2010, 2011, with Horacio Larreguy, Cynthia Kinnan and Emily Breza)
- Innovations for Poverty Action (IPA), Graduate Student Fund Award (2011)
- George and Obie Shultz Fund Grants (2009-2011, with Horacio Larreguy and Cynthia Kinnan)
- MIT Center for International Studies Grant (2009, 2011)

- MIT International Science and Technology Initiatives Grants (2009-2010)
- Sanford S. Parker Prize, Columbia University (2007)
- Phi Beta Kappa (inducted as a junior), Columbia University (2006)

PROFESSIONAL
ACTIVITIES

Associate Editor for the *Journal of the European Economic Association* (Jan 2018-)

Referee for *AEJ: Applied Economics*; *AEJ: Microeconomics*; *AEJ: Policy*; *American Economics Review*; *American Journal of Political Science*; *Econometrica*; *Economic Development and Cultural Change*; *Economic Journal*; *Journal of Agricultural Economics*; *Journal of Applied Econometrics*; *Journal of the American Statistical Association*; *Journal of Development Economics*; *Journal of Econometrics*; *Journal of Economic Theory*; *Journal of the European Economic Association*; *Journal of Finance*; *Journal of Health Economics*; *Journal of Human Capital*; *Journal of Labor Economics*; *Journal of Political Economy*; *Journal of Public Economics*; *Nature*; *PLoS One*; *PNAS*; *Quantitative Economics*; *Quarterly Journal of Economics*; *Review of Economics and Statistics*; *Review of Economic Studies*; *Science*; *World Bank Economic Review*

Reviewer for the National Science Foundation; Program Committee Member for EC (2013, 2014).

INVITED
PRESENTATIONS

- 2018 London School of Economics (Microeconomics); Yale Economics (Development)
- 2017 AEA; Berkeley Economics (Development); MIT/Harvard Economics (Development); University of Chicago Economics (Applied Micro); Glasgow; Barcelona GSE (Information Frictions); Princeton Economics (Behavioral); UC Davis Economics (Development)
- 2016 Bocconi (Theory & Experiments); University of Pennsylvania Economics (Empirical Microeconomics); Calvó-Armengol Prize Workshop; Caltech (WISE 2016); PUC-Chile
- 2015 AEA; ESA; Cambridge Economics (Microeconomics); Harvard/MIT Economics (Econometrics); USC Economics (Development); Information Transmission in Networks (Harvard); SED; Barcelona GSE (Information Frictions and Learning); Advances in Empirical Macroeconomics and Development; Johns Hopkins Carey; NBER-NSF Time Series Conference (Vienna University of Economics and Business); Brown Economics (Applied Micro); UNC Chapel Hill Economics (Econometrics)
- 2014 Indian School of Business; Duke Economics (Labor and Development); Princeton Economics (Econometrics); SMU Economics; Princeton (Politics, CSDP); MIT (Political Science); Berkeley Economics (Development); UCSD Economics; BREAD (Junior Pre-Conference); CEPR; European Meeting of Network Economics (University of Essex); Duke Economics (Microeconomics Jamboree); CEME
- 2013 Yale Economics (Development); London School of Economics/University College London (Development); University of British Columbia, Economics; University of Wisconsin, Madison Applied Economics; Central European University; CHOICE Symposium Workshop; NBER Summer Institute (Development); Simons Workshop (Berkeley)
- 2012 Harvard Kennedy School; Columbia (Economics and SIPA); NYU Economics; Stanford Economics; Chicago Booth; Harvard Economics; Berkeley Economics; University of Chicago Economics; Northwestern Economics; Microsoft Research, New England; NSF Conference on Networks and Development (LSU); Workshop

on Networks and Applied Micro (Brown); SINS (Synergic Investigations in Network Science, BiCi); CIRANO Workshop on Networks in Trade and Finance; ESRC-INET Conference on Networks (Cambridge)

2011 Symposium on Economic Experiments in Developing Countries (Berkeley); North East Universities Development Consortium (NEUDC, Yale)

2010 NEUDC (MIT); CFSP; Calvó-Armengol Prize Workshop

COURSES TAUGHT & SCHEDULED Graduate Development Economics I (Econ 214): (2013)
Graduate Development Economics III (Econ 216): (2015-2018)
Graduate Social and Economic Networks (Econ 291): (2016)
Undergraduate Development Economics (Econ 125): Economic Development, Microfinance and Social Networks (2013, 2015-2018)

PH.D. STUDENTS Secondary committee member, unless otherwise noted. Initial placement noted.

- Travis Baseler, 2019
- Santiago Pérez, 2017 (Universidad de Rosario)
- Santiago Saavedra, 2017 (UC San Diego)
- Yiqing Xing, 2016 (Johns Hopkins, Carey Business School)
- Mounu Prem, 2016 (N/A)
- Michael Leung, 2015 (MIT post-doc; USC Economics)