

Benjamin Golub

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EDUCATION **Stanford University**
Ph.D., Economics (Graduate School of Business, January 2012)
Dissertation: Essays on Economic Networks
Dissertation committee: Matthew O. Jackson, Andrzej Skrzypacz, Robert B. Wilson

California Institute of Technology

B.S., Mathematics (June 2007)

PERSONAL Citizenship: U.S.A.

EMPLOYMENT **Harvard University (July 2013 – present)**
Junior Fellow, Society of Fellows (July 2013 – present)
Assistant Professor, Department of Economics (starting Fall 2015)

**Harvard University and Massachusetts Institute of Technology
(September 2011 – June 2013)**

Prize Fellowship in Economics, History, and Politics, Harvard
Postdoctoral Fellow, Abdul Latif Jameel Poverty Action Lab, MIT

FELLOWSHIPS, HONORS, AND AWARDS *American Economic Review* Excellence in Refereeing Award (2013, 2014)
Aliprantis Prize (2012) – awarded by the Society for the Advancement of Economic Theory for a paper by a recent Ph.D.; received jointly with Matt Elliott, for “A Network Centrality Approach to Coalitional Stability”

National Science Foundation Graduate Research Fellowship (2007–2011)

Gerald J. Lieberman Fellowship (Stanford University, 2010–2011) – competitive fellowship supporting graduate research; awarded to nine students university-wide per year

NET Institute Summer Research Grant (New York University, 2010)

Jaedicke Fellowship (Stanford Graduate School of Business, 2007–2008)

Morgan Ward Prize (Caltech Mathematics Department, 2005)

PUBLICATIONS **Financial Networks and Contagion** (with Matthew Elliott and Matthew O. Jackson). *American Economic Review*, 104(10):3115–53, 2015.

How Homophily Affects the Speed of Learning and Best-Response Dynamics (with Matthew O. Jackson). *Quarterly Journal of Economics* 127(3):1287–338, 2012.

How Sharing Information Can Garble Experts' Advice (with Matthew Elliott and Andrei Kirilenko). *American Economic Review (Papers and Proceedings)*, 104(5).

Does Homophily Predict Consensus Times? Testing a Model of Network Structure via a Dynamic Process (with Matthew O. Jackson). *Review of Network Economics*, 11(3), 2012.

Network Structure and the Speed of Learning: Measuring Homophily Based on its Consequences (with Matthew O. Jackson). *Annals of Economics and Statistics* 107/108:33–50, 2012.

Using Selection Bias to Explain the Observed Structure of Internet Diffusions (with Matthew O. Jackson). *Proceedings of the National Academy of Sciences* 107(24):10833–36, June 15, 2010.

Naive Learning in Social Networks and the Wisdom of Crowds (with Matthew O. Jackson). *American Economic Journal: Microeconomics* 2(1):112–49, February 2010.

Firms, Queues, and Coffee Breaks: A Flow Model of Corporate Activity with Delays (with R. Preston McAfee). *Review of Economic Design* 15(1), March 2011.

Stabilizing Brokerage (with Katherine Stovel and Eva Meyerson Milgrom). *Proceedings of the National Academy of Sciences* 108(Suppl. 4), December 2011.

WORKING
PAPERS

A Network Approach to Public Goods (with Matthew Elliott). Revise and resubmit at the *Journal of Political Economy*.

Ranking Agendas for Negotiation (with Matthew Elliott).

How Better Information Can Garble Experts' Advice (with Matthew Elliott and Andrei Kirilenko).

Strategic Random Networks and Tipping Points in Network Formation (with Yair Livne).

The Leverage of Weak Ties: How Linking Groups Affects Inequality (with Carlos Lever).

PROFESSIONAL
ACTIVITIES

Referee for *ACM Transactions on Economics and Computation*, *American Economic Journal: Applied Economics*, *American Economic Journal: Microeconomics*, *American Economic Review*, *B.E. Press Journal of Theoretical Economics*, *Econometrica*, *Journal of Political Economy*, *Economic Journal*, *Economic Theory Bulletin*, *Economic Theory*, *European Economic Review*, *Games and Economic Behavior*, *IEEE Conference on Decision and Control*, *IEEE Transactions on Automatic Control*, *Journal of Economic Behavior and Organization*, *Journal of Economic Theory*, *Journal of International Economics*, *Journal of the European Economic Association*, *Neural Information Processing Systems (NIPS) Conference*, *Political Analysis*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Review of Network Economics*, *Theoretical Economics*,

Co-organizer, Workshop on Social and Information Networks, Sixteenth ACM Conference on Electronic Commerce (EC'15), Portland, Oregon. June 2015.

Local Organizer, Conference on Information Transmission in Networks at the Center for History and Economics, Harvard (part of the *Network Science in Economics* conference series sponsored by the National Science Foundation), Cambridge, Massachusetts. May 2015.

Co-organizer, Worskhop on Learning in Social Networks, IESE Business School, Barcelona. July 2014.

Co-organizer, 2014 Network Science Conference, Caltech, Pasadena, California. April 2014.

Scientific Committee, MIT Workshop on Information and Decisions in Social Networks, November 2012.

President, Stanford Graduate School of Business Ph.D. Student Association, 2008–9

INVITED
LECTURES

Aliprantis Prize Lecture, Conference of the Society for the Advancement of Economic Theory, Brisbane, Australia, June 2012. Presented: Providing Public Goods when Preferences are Private (joint work with Matthew Elliott).

INVITED SEMINAR
PRESENTATIONS

Economic Theory Workshop, University of Chicago, April 2015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

Center for Research on Computation and Society, Harvard (School of Engineering and Applied Sciences), March 2015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

Microsoft Research New England Economics Workshop, January 2015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

University of Wisconsin, Madison: Economic Theory Seminar, December 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

IESE Business School, Barcelona: Economics and Finance Seminar, December 2014. Presented: Ranking Agendas for Negotiation (joint work with Matthew Elliott).

Universitat Autònoma de Barcelona: Economic Theory Seminar, December 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Universitat Pompeu Fabra: Economic Theory Seminar, December 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Central European University, Budapest: Economics Department Seminar, November 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

University of Pennsylvania: Economic Theory Seminar, November 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

University of Essex, England: Economics Department Seminar, May 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

University of Essex, England: Economics Department Seminar, May 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Simon Fraser University, Department of Economics Seminar, April 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Northwestern University: Northwestern Institute on Complex Systems Seminar, April 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

UCLA Economic Theory Workshop, November 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Washington University in St. Louis Economic Theory Seminar, November 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Syracuse University Applied Microeconomics Seminar, November 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Duke University Microeconomic Theory Seminar, November 2013. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

University of Illinois (Urbana-Champaign) Economic Theory Seminar, October 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Microsoft Research New England Game Theory and Computation Seminar, October 2013. Presented: Emissaries: How Bridges Change Network Influence (joint work with Carlos Lever).

Yale University Microeconomic Theory Workshop, September 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

University of Cambridge Department of Economics / Institute for New Economic Thinking, March 2013. Presented: A Network Centrality Approach to Public Goods (joint work with Matthew Elliott).

Job Market Talks (presented: A Network Approach to Public Goods, joint work with Matthew Elliott)

University of Chicago (Applications of Economics Workshop), December 2012.

New York University Department of Economics, January 2013.

Harvard University Department of Economics, January 2013.

Columbia University Graduate School of Business – Decision, Risk, and Operations Division, January 2013.

Columbia University (Economic Theory Workshop), January 2013.

Chicago University, Booth School of Business (Microeconomics Group), January 2013.

Massachusetts Institute of Technology Department of Economics, February 2013.

Princeton University Department of Economics, February 2013.

University of Chicago Theory Workshop, October 2011. Presented: A Network Centrality Approach to Coalitional Stability (joint work with Matthew Elliott).

Tufts University Economics Seminar, October 2011. Presented: A Network Centrality Approach to Coalitional Stability (joint work with Matthew Elliott).

University of Montreal Microeconomics Workshop, October 2011. Presented: A Network Centrality Approach to Coalitional Stability (joint work with Matthew Elliott). U.S. Commodity Futures Trading Commission, Washington. July 2009. Presented: How Homophily Affects the Speed of Learning and Best Response Dynamics (joint work with Matthew O.

Jackson).

CONFERENCE
PRESENTATIONS

Third European Meeting on Networks, University of Cambridge, June 1015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

Workshop on Information Frictions and Learning, Barcelona GSE Summer Forum, June 2015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

Warwick Theory Workshop, University of Warwick, June 2015. Presented: Consensus Expectations and Conventions (joint work with Stephen Morris).

Princeton Workshop on Social Choice and Public Economics, University Center for Human Values and the Woodrow Wilson School, June 2015. Presented: Ranking Agendas for Negotiations (joint work with Matthew Elliott).

2014 Chicago–Minnesota Theory Conference, Booth School of Business, University of Chicago, Chicago, Illinois, September 2014. Presented: How Sharing Information Can Garble Experts' Advice (joint work with Matthew Elliott and Andrei Kirilenko).

Workshop on Learning in Social Networks, IESE Business School, Barcelona. July 2014. Presented: The Leverage of Weak Ties: How Linking Groups Affects Inequality (joint work with Carlos Lever).

Conference on Mechanism Design and Industrial Organization in Honor of Jean-Jacques Laffont, Nanchang, China. June 2014. Presented: Ranking Agendas for Negotiation (joint work with Matthew Elliott).

Conference on Economic Theory, Cowles Foundation, Yale. June 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Media and Communications Conference, Booth School of Business, University of Chicago, Chicago, Illinois, May 2014. Presented: How Sharing Information Can Garble Experts' Advice (joint work with Matthew Elliott and Andrei Kirilenko).

Social Networks and Peer Effects: Theory and Application – Calvó-Armengol Prize Workshop, organized by Raj Chetty, Barcelona (Barcelona GSE and Universitat Pompeu Fabra). May 2014. Presented: The Leverage of Weak Ties: How Linking Groups Affects Inequality (joint work with Carlos Lever).

Princeton-Yale Seminar in Social Choice and Public Economics. May 2014. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

2014 Network Science Conference, Caltech, Pasadena, California. April 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Interconnectedness: Building Bridges between Research and Policy – a conference at the International Monetary Fund, Washington, DC. March 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Financial Stability and Regulation Conference, Barcelona. March 2014. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Allied Social Science Associations Meetings (ASSA 2014 / AEA 2014), Philadelphia. Jan-

uary 2014. Presented: How Sharing Information Can Garble Experts' Advice (joint work with Matthew Elliott and Andrei Kirilenko).

Becker Friedman Institute Macro Financial Modeling and Macroeconomic Fragility Conference, Cambridge, Massachusetts, October 2013. Presented: Financial Networks and Contagion (joint work with Matthew Elliott and Matthew O. Jackson).

Annual Congress of the European Economic Association, Gotenburg, August 2013. Presented: Emissaries: How Bridges Change Network Influence (joint work with Carlos Lever).

Conference of the Society for the Advancement of Economic Theory, Paris, August 2013. Presented: Strategic Random Networks (joint work with Yair Livne).

Market Design and Dynamic Theory, Yonsei University College of Business and Economics, Seoul. July 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

IZA Workshop on Social Networks, Bonn. June 2013. Presented: A Network Approach to Public Goods (joint work with Matthew Elliott).

Association for Public Economic Theory Conference, Bloomington. July 2011. Presented: Robust Equilibria of Public Goods Games (joint work with Matthew Elliott) and Strategic Random Networks (joint work with Yair Livne).

Calvo-Armengol Prize Workshop organized by Esther Duflo, Andorra. July 2010. Presented: Strategic Random Networks (joint work with Yair Livne).

CIRANO-CIREQ Conference on the Econometrics of Interactions, Montreal. October 2009. Presented: How Homophily Affects the Speed of Learning and Best Response Dynamics (joint work with Matthew O. Jackson).

World Econometric Society: North American Summer Meeting. June 2009. Presented: How Homophily Affects the Speed of Learning and Best Response Dynamics (joint work with Matthew O. Jackson).

NSF/CEME Decentralization Conference, Washington University in St. Louis, Missouri. April 2009. Presented: How Homophily Affects the Speed of Learning and Best Response Dynamics (joint work with Matthew O. Jackson).

Allied Social Science Associations Meetings (ASSA 2009 / AEA 2009), San Francisco, California. January 2009. Presented: How Homophily Affects the Speed of Learning and Best Response Dynamics (joint work with Matthew O. Jackson).

World Congress of the Game Theory Society (GAMES 2008), Northwestern University, Evanston, Illinois. July 2008. Presented: Naive Learning in Social Networks and the Wisdom of Crowds (joint work with Matthew O. Jackson).