

Benjamin Golub

CONTACT INFORMATION

Department of Economics
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EDUCATION

Stanford University

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

California Institute of Technology

B.S., Mathematics (2007)

PERSONAL

Citizenship: U.S.A.

EMPLOYMENT

Harvard University (July 2013 – present)

Junior Fellow, Society of Fellows (July 2013 – June 2015)
Assistant Professor, Department of Economics (July 2015 – present)

University of Pennsylvania (July 2017 – June 2018)

Visiting Assistant Professor, Department of Economics

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, 2015, 2016, 2017)

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 Public Goods”

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

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

Morgan Ward Prize (Caltech Mathematics Department, 2005)

GRANTS

National Science Foundation Grant, 2017–2020 (co-PI with Arun Chandrasekhar). Talk, Noise, and Silence in Networks: Obstacles to Information Sharing. SES-1658940, \$267,862.

National Science Foundation Grant, 2016–2019 (co-PI with Arun Chandrasekhar and

Matthew O. Jackson). Multiplexing: Theories and Tests of Interactions Between Types of Relationships. SES-1629446. \$381,965

National Science Foundation Grant, 2018–2022 (co-PI with Arun Chandrasekhar, Matthew O. Jackson, and Sudipta Sarangi). NSF Networks Conferences. SES-1757223. \$120,000

Four Foundations of Human Behavior grants:

- “Influence in Networks.”
- “Endogenous Interactions and Spillovers in Peer Groups” (with Mauricio Fernandez-Duque and Evan Sadler)
- “Talk, Noise, and Silence in Networks: Obstacles to Information Sharing” (with Arun Chandrasekhar and He Yang)
- “Efficiency in Matching Markets: An Experimental Approach” (with Marina Agronov, Matthew Elliott, and Eduard Talamas)

William F. Milton Fund Grant (Harvard University), 2014–2016.

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

PUBLICATIONS

Elliott, M. and B. Golub (2018): “A network approach to public goods,” *Journal of Political Economy*, Forthcoming.

extended abstract in *Proceedings of the Fourteenth ACM Conference on Electronic Commerce*, ACM, 377–378.

Golub, B. and E. Sadler (2016): “Learning in social networks,” in *The Oxford Handbook of the Economics of Networks*, ed. by Y. Bramoullé, A. Galeotti, B. Rogers, and B. Rogers, Oxford University Press, chap. 19, 504–542.

Elliott, M., B. Golub, and M. O. Jackson (2014): “Financial networks and contagion,” *American Economic Review*, 104(10), 3115–53.

Elliott, M., B. Golub, and A. Kirilenko (2014): “How sharing information can garble experts’ advice,” *American Economic Review (Papers and Proceedings)*, 104(5), 463–68.

Golub, B. and M. O. Jackson (2012): “How homophily affects the speed of learning and best-response dynamics,” *The Quarterly Journal of Economics*, 127(3), 1287–1338.

Golub, B. and M. O. Jackson (2012): “Does homophily predict consensus times? Testing a model of network structure via a dynamic process,” *Review of Network Economics*, 11(3).

Golub, B. and M. O. Jackson (2012): “Network structure and the speed of learning measuring homophily based on its consequences,” *Annals of Economics and Statistics*, 107/108:33–48.

Golub, B. and R. P. McAfee (2011): “Firms, queues, and coffee breaks: a flow model of corporate activity with delays,” *Review of Economic Design*, 15(1), 59–89.

Stovel, K., B. Golub, and E. M. M. Milgrom (2011): “Stabilizing brokerage,” *Proceedings of the National Academy of Sciences*, 108, 21326–21332.

Golub, B. and M. O. Jackson (2010): “Naïve learning in social networks and the wisdom of crowds,” *American Economic Journal: Microeconomics*, 2(1), 112–149.

Golub, B. and M. O. Jackson (2010): “Using selection bias to explain the observed structure of internet diffusions,” *Proceedings of the National Academy of Sciences*, 107, 10833–10836.

WORKING
PAPERS

Galeotti, A., B. Golub, and S. Goyal (2018): “Targeting Interventions in Networks,” available at SSRN: <https://ssrn.com/abstract=3054353>.

Revise & resubmit, *Econometrica*.

Dasaratha, K., B. Golub, and Hak (2018): “Social Learning in a Dynamic Environment,” available at SSRN: <https://ssrn.com/abstract=3097505>.

Chandrasekhar, A. G., B. Golub, and H. Yang (2018): “Signaling, Shame, and Silence in Social Learning,” available at <http://bengolub.net/papers/CGY.pdf>.

Banerjee, A., E. Breza, A. G. Chandrasekhar, and B. Golub (2018): “When Less is More: Experimental Evidence on Information Delivery during India’s Demonetization,” available at <https://papers.ssrn.com/abstract=3163930>.

Golub, B. and S. Morris (2017): “Expectations, Networks and Conventions,” Available at SSRN: <https://ssrn.com/abstract=2979086>.

Golub, B. and S. Morris (2017): “Higher-Order Expectations,” available at SSRN: <http://ssrn.com/abstract=2979089>.

Aymanns, C., C. Georg, and B. Golub (2018): “Illiquidity Spirals in Coupled Over-the-Counter Markets,” available at SSRN: <https://ssrn.com/abstract=2881814>.

Elliott, M., B. Golub, and M. V. Leduc (2018): “Endogenous fragility in complex economic systems,” available at: <http://bengolub.net/papers/fragility.pdf>

EDITORIAL
WORK

Associate Editor, *Theoretical Economics* (2017–present)

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*,

CONFERENCE
ORGANIZATION

Co-organizer and Series Organizer, Workshop on Internet and Social Economics, Caltech, Pasadena, CA. July 2018.

Co-organizer and Series Organizer, Workshop on Internet and Social Economics, Caltech, Pasadena, CA. August 2016.

Co-organizer and lecturer, 27th Jerusalem School in Economic Theory: The Theory of Networks, Israel. June-July 2016.

Series Organizer, Network Science in Economics Conference (sponsored by the National

Science Foundation), Stanford, California. April 2016.

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

Local and Series 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, Workshop 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

POSTDOCTORAL
ADVISING

Evan Sadler, Harvard (2014–2017). Placement: Assistant Professor, Columbia.

DISSERTATION
ADVISING

Kevin He, Harvard (2016–present).

Eduard Talamas, Harvard (2015–2017). Initial placement: postdoc, Warren Center, University of Pennsylvania.

Krishna Dasaratha (2016–present)

He Yang, Harvard (2015–present)

Ryota Iijima, Harvard (2013–2016). Initial placement: Cowles Foundation Postdoc; Assistant Professor, Yale.

SENIOR THESIS
ADVISING

Yan Che (2014–15)

Kristen Shim (2015–16)

Kate Steinman (2015–16)

TEACHING

Harvard

Econ 1034/CS 134: Networks (undergraduate, Fall 2015).

Econ 980O: Measuring and Modeling Social Networks (undergraduate, Fall 2015, Spring 2017)

Econ 2034: Networks (graduate, Spring 2017)

University of Pennsylvania

Econ 262: Networks and Market Design (undergraduate, Spring 2018)