

1 October 2015

Bryan S. Graham

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Personal information: Born 1976 (US Citizen), married with two children.

Current employment:

2011 - Present Associate Professor (w/ tenure), Department of Economics, University of California – Berkeley

Education:

2000 – 2005 Harvard University, Ph.D. in Economics
1998 – 2000 Oxford University, St. Antony’s College, Rhodes Scholar, M.Phil. in Economics
1997 – 1998 Australian National University, Visiting Graduate Student, Fulbright Scholar
1993 – 1997 Tufts University, B.A. in Quantitative Economics, Summa Cum Laude

Past employment:

2009 – 2011 Assistant Professor, Department of Economics, New York University
2005 – 2011 Assistant Professor, Department of Economics, University of California – Berkeley (on leave 2009 – 2011)

Additional appointments and affiliations:

2015 - Present USC Dornsife INET Associate Fellow
2014 - Present Co-Editor, *Review of Economics and Statistics*
2012 - Present Human Capital and Economic Opportunity Working Group funded by the Institute on New Economic Thinking (INET)
2006 - Present Faculty Research Fellow (Labor Studies), National Bureau of Economic Research
2006 - Present Research Affiliate, Bureau for Research and Economic Analysis of Development

Past appointments and affiliations:

2013 – 2015 Foreign Editor, *Review of Economic Studies*
2013 - 2015 Editorial Board, *Journal of Causal Inference*
2013 Associate Editor, *Econometrics Journal*
2011 – 2013 Associate Editor, *Journal of Business and Economic Statistics*
2011 - 2013 Board of Editors, *Journal of Economic Literature*
2009 – 2011 Visiting Professor of Research, Federal Reserve Bank of New York (short visits)
2006 – 2011 Research Affiliate (Development Economics), Centre for Economic Policy Research

Grants, fellowships and awards:

2015 - 2018 National Science Foundation (SES #1357499) grant: “Econometric

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	models for networks and matching with heterogeneous agents" (PI) (325K)
2009 – 2012	National Science Foundation (SES #0921928) grant: "Collaborative research: identification, estimation and application of semiparametric panel data models" (PI) (365K)
2008 – 2009	National Science Foundation (SES #0820361) grant: "Collaborative research: the econometrics of reallocations in the presence of complementarity and social spillovers: estimands, identification and estimation" (PI) (212K)
2005 – 2008, 2014	Committee on Research (COR), UC – Berkeley, Junior Faculty Grants (multiple awards) (30K)
2006 – 2007	Center for Health Research (CHR), UC – Berkeley, New Faculty Grant (5K)
2005	Review of Economics Studies Tour
2004 – 2005	MacArthur Network on Social Interactions and Economic Inequality Fellowship
2003 – 2004	Harvard University Program on Justice, Welfare and Economics Fellowship
2000 – 2003	National Science Foundation Graduate Fellowship
1998 – 2000	Rhodes Scholarship (Oxford University, St. Antony's College)
1997 – 1998	Fulbright Scholarship (Australian National University)
1997	Daniel Ounjian Prize, Lewis F. Manly Memorial Prize, Phi Beta Kappa (Tufts University Prizes)

Journal articles (in reverse chronological order):

<u>Date</u>	<u>Title</u>	<u>Scopus</u> (10/15)	<u>SSCI</u> (10/15)	<u>Google</u> (10/15)
2015	"Efficient estimation of data combination models by the method of auxiliary-to-study tilting (AST)" (with Cristine Pinto and Daniel Egel) (also NBER w16928), accepted by the <i>Journal of Business and Economic Statistics</i>	-	-	7
	"Methods of identification in social networks," <i>Annual Review of Economics</i> 7 (1)	1	0	13
2014	"Complementarity and aggregate implications of assortative matching: a nonparametric analysis," <i>Quantitative Economics</i> 5 (1): 29 – 66 (with Guido Imbens and Geert Ridder)	0	0	42
2013	"Comparative static and computational methods for an empirical one-to-one transferable utility matching model," <i>Advances in Econometrics</i> 31: 151 – 179	1	2	4
2013	"Comment on 'Social networks and the identification of peer effects' by Paul Goldsmith-Pinkham and Guido W. Imbens" accepted by <i>Journal of Business and Economic Statistics</i> 31 (3): 266 – 270	1	1	2

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2013	<i>Mobility and the metropolis: the relationship between inequality in urban communities and economic mobility.</i> Washington D.C.: Pew Charitable Trusts (with Patrick Sharkey)	-	-	-
2012	"Identification and estimation of average partial effects in 'irregular' correlated random coefficient panel data models," <i>Econometrica</i> 80 (5): 2105 - 2152 (with James Powell)	5	7	50
2012	"Inverse probability tilting for moment condition models with missing data," <i>Review of Economic Studies</i> 79 (3): 1053 - 1079 (w/ Cristine Pinto & Daniel Egel)	9	6	48
2011	"Robustness to parametric assumptions in missing data models," <i>American Economic Review: Papers & Proceedings</i> 101 (3): 538 - 543 (with Keisuke Hirano)	1	1	5
	"Efficiency bounds for missing data models with semiparametric restrictions," <i>Econometrica</i> 79 (2): 437 - 452	4	3	24
	"Econometric methods for the analysis of assignment problems in the presence of complementarity and social spillovers," <i>Handbook of Social Economics</i> 1B: 965 - 1052 (J. Benhabib, M. O. Jacksons & A. Bisin, Eds.). Amsterdam: North-Holland	9	-	59
2009	"The incidental parameter problem in a non-differentiable panel data model," <i>Economics Letters</i> 105 (2): 181 - 182, 2009 (with Jinyong Hahn and James Powell)	6	6	16
2008	"Identifying social interactions through conditional variance restrictions," <i>Econometrica</i> 76 (3): 643 - 660, 2008	65	54	233
2006	"Rich nations, poor nations: how much can multiple equilibria explain?" <i>Journal of Economic Growth</i> 11 (1): 5 - 41, 2006 (with Jonathan R.W. Temple)	37	32	142
2005	"Identification and estimation of the linear-in-means model of social interactions," <i>Economics Letters</i> 88 (1): 1 - 6, 2005 (with Jinyong Hahn)	26	24	89
2003	"Longevity and life cycle savings," <i>Scandinavian Journal of Economics</i> 105 (3): 319 - 338, 2003 (with David E. Bloom and David Canning)	89	61	323
1998	"Economic Growth in Papua New Guinea: Some Empirical Evidence," <i>Pacific Economic Bulletin</i> 13 (2): 158 - 165	-	-	-

Books/monographs (in reverse chronological order):

<u>Date</u>	<u>Title</u>	<u>Scopus</u> (10/15)	<u>SSCI</u> (10/15)	<u>Google</u> (10/15)
1998	<i>Exchange Rate Policy in Papua New Guinea.</i> Port Moresby, Papua New Guinea: Institute of National Affairs, 1998. (with Ronald Duncan et al.)	-	-	11

Completed manuscripts (dates of latest versions):

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<u>Date</u>	<u>Title</u>	<u>Google</u> (10/15)
2015	"Quantile regression with panel data," (with Jinyong Hahn, Alexandre Poirier and James Powell), (also <u>NBER</u> w21013 and CWP12/15) <i>submitted</i> .	5
2014	"An econometric model of link formation with degree heterogeneity", (also <u>NBER</u> w20341) <i>Resubmitted</i> .	13
2011	"Inverse probability tilting estimation of average treatment effects in Stata," (with Cristine Pinto and Daniel Egel). <i>Conditionally accepted by <u>The Stata Journal</u></i>	0
2010	"Measuring the effects of segregation in the presence of social spillovers: a nonparametric approach" (with Guido Imbens and Geert Ridder). <i>Revision requested by <u>Quantitative Economics</u></i> (also <u>NBER</u> w16499)	53

Manuscripts in preparation (dates of latest versions):

<u>Date</u>	<u>Title</u>
2014	"Identifying and estimating neighborhood and peer influences: a review"
2012	"Homophily and transitivity in dynamic network formation" "Transport infrastructure and socioeconomic development: evidence from banana company railroads in Honduras," (with Alex Rothenberg)

Inactive manuscripts (dates of latest versions):

2008	"Endogenous neighborhood selection, the distribution of income, and the identification of neighborhood effects"
2007	"Redistributive effects for discretely-valued inputs," (with Guido W. Imbens and Geert Ridder)
2005	"Small sample properties of GMM and GEL estimation and inference procedures for social interaction models"

Former graduate students by year of graduation with current and (initial) placements:

2014	Santiago Pereda Fernandez - Bank of Italy
2012	Yu-Wei Hsieh (joint with Chris Flinn) - University of Southern California
2012	Alexander Rothenberg - RAND Corporation
2009	Paulina Olivia - University of California, Santa Barbara
2008	Cristine Pinto - Escola de Economia de São Paulo, FGV-EESP, Brazil (Universidade

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Federal de Minas Gerais, Brazil)

Recent and current teaching:

Econometrics (Undergraduate, Graduate), Applied Econometrics (Graduate), Development Economics (Graduate)

Service activities:

Undergraduate Committee, Department of Economics (UC - Berkeley), 2005 - 2008
Graduate Committee, Department of Economics (UC - Berkeley), 2008-2009
Co-organizer of "All-UC Econometrics Conference" (Oct 16th & 17th 2008)
Junior Recruiting Committee, Department of Economics (NYU), 2009 - 2010
Assistant Director of Undergraduate Studies, Department of Economics (NYU), Spring 2011
Equity Officer & Liason, Department of Economics (UC - Berkeley), 2011 - Present
Program Committee, 2012 North American Summer Meetings of the Econometric Society
UC - Berkeley Senate Committee on Courses of Instruction (COCI), 2013 - Present
Advisory Committee, Minor Program in Martial Arts (UC - Berkeley), 2013 - Present
Personnel Committee, Department of Economics (UC - Berkeley), 2014 - Present.

Refereeing: *Science, Econometrica, Review of Economic Studies, American Economic Review, Quarterly Journal of Economics, Journal of Political Economy, International Economic Review, Journal of the European Economic Association, Economic Journal, Journal of Business and Economics Statistics, Journal of Econometrics, Econometric Theory, Journal of Applied Econometrics, Review of Economics and Statistics, Journal of the American Statistical Association, Journal of Economic Growth, Journal of Public Economics, Journal of Labor Economics, Oxford Economic Papers, Economic Letters, Education Evaluation and Policy Analysis, Journal of Human Resources, American Economic Journal: Microeconomics, American Economic Journal: Applied Economics, Journal of Development Economics, Education Finance and Policy, National Science Foundation*

Mini Courses Taught (including scheduled):

1. "Empirical Methods for Program Evaluation and Networks," CEMFI Summer School, Madrid, 24 - 28 August 2015
2. "Econometric methods for the analysis of social interactions and networks," CEMFI, Madrid, 26 - 28 May 2014

Lectures

1. Yale Institute of Network Science Distinguished Lecture, February 2015
2. Keynote Speaker, Seattle-Vancouver Econometrics Conference, University of Washington, September 12-13, 2014

Invited presentations:

Fall 2015 (scheduled): University of Texas - Austin - Econometrics Seminar, Princeton University - Econometrics Seminar

Spring 2015: University of Chicago - Econometrics Reading Group, University of Michigan - Interdisciplinary Seminar in Quantitative Methods, University of Southern California - INET, University of California - San Diego - Econometrics Seminar

Fall 2014: Stanford University - Econometrics Seminar, University of St. Gallen - Econometrics Seminar, CEMFI - Econometrics Seminar

Spring 2014: Toulouse School of Economics - Econometrics Seminar, Cambridge University - Econometrics Seminar, Oxford University - Econometrics Seminar, New York University -

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Econometrics Seminar

Fall 2013: Notre Dame - Departmental Seminar, University of Wisconsin, Madison - Econometrics Seminar, Northwestern - Econometrics Seminar, University of British Columbia - Econometrics Seminar, Simon Fraser University - Econometrics Seminar, University of California, Davis - Econometrics Seminar.

Spring 2013: University of Southern California - Econometrics Seminar, Harvard-MIT Econometrics Seminar, UCL - Econometrics Seminar, CEMFI - Departmental Seminar.

Spring 2012: Carnegie Mellon University - Applied Microeconomics Seminar, RAND - Applied Microeconomics Seminar

Spring 2011: University of California, Santa Barbara -- Departmental Seminar, University of Pennsylvania - Econometrics Seminar, University College London - Departmental Seminar, Rutgers University - Econometric Seminar

Fall 2010: Harvard - Labor Seminar, University of Southern California -- Departmental Seminar, University of California, Los Angeles -- Departmental Seminar, University of Michigan -- Departmental Seminar

Spring 2010: CEMFI, Madrid -- Econometrics Workshop, LSE - Labor Economics Seminar, Universitat Pompeu Fabra - Public Economics Seminar, Federal Reserve Bank of New York - Applied Microeconomics Seminar, University of Virginia - Econometrics Seminar, Rutgers University - Econometrics Seminar, University of Michigan - Econometrics Seminar, Syracuse University - Econometrics Seminar, Penn State - Econometrics Seminar

Fall 2009: Princeton University - Econometrics Seminar, Harvard University - Econometrics Lunch, University of California, Berkeley -- Econometrics Seminar, University of Pittsburgh -- Econometrics Seminar

Spring 2009: New York University (Job Talk), University of Southern California - Econometrics Seminar, University of California, Riverside -- Econometrics Seminar, Brown University - Econometrics Seminar, Yale University - Econometrics Seminar, Harvard-MIT Econometrics Seminar

Fall 2008: Stanford University - Econometrics Seminar, University of Wisconsin - Public Economics Workshop, Chicago-GSB - Econometrics and Statistics Colloquium, Columbia University -- Econometrics Seminar, New York University -- Applied Microeconomics Workshop

Spring 2008: CEMFI, Madrid -- Econometrics Workshop, Institute for Fiscal Studies, London -- Applied Microeconomics Workshop

Fall 2007: Georgetown University -- Econometrics Seminar, Duke University -- Econometrics Seminar, University of Maryland -- Econometrics Seminar

Spring 2007: University of Southern California -- Econometrics Seminar, University of California, Davis -- Econometrics Seminar, University of California, Davis -- Applied Microeconomics Seminar, University of California, Riverside -- Econometrics Seminar

Fall 2006: University of Pittsburgh -- Econometrics Seminar, Ohio State University -- Econometrics Seminar

Spring 2006: Public Policy Institute of California, University of Southern California -- Econometrics Seminar

Fall 2005: Northwestern University -- Econometrics Seminar, University of Pennsylvania -- Applied Microeconomics Seminar

Spring 2005: University of California - San Diego (Job Talk), Dartmouth College (Job Talk), Princeton University (Job Talk), Stanford Graduate School of Business (Job Talk), Stanford University - Economics Department (Job Talk), University of Texas - Austin (Job Talk), University of California - Berkeley (Job Talk), University of Chicago (Job Talk), University of Wisconsin (Job Talk), London School of Economics (Job Talk), Institute for Fiscal Studies (Review of Economic Studies Tour), Toulouse-GREMAQ (Review of Economic Studies Tour), Munich Graduate School of Economics (Review of Economic Studies Tour)

Fall 2004: Tufts University -- Economics Seminar, Harvard University -- Labor Economics Seminar, Harvard-MIT Econometrics Seminar

Invited conferences (presentation, discussion & participation):

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1. "USC-INET Conference on Networks," University of Southern California Dornsife INET Institute, November 20-21st, 2015 (scheduled)
2. "Cornell / Penn State Conference on Econometrics and IO," Cornell University, October 23-24th, 2015 (scheduled)
3. "California Econometrics Conference," University of Southern California Dornsife INET Institute, September 25-26th, 2015
4. "Empirical Models of Differentiated Products," CEMMAP, University College London, June 20th, 2015
5. "Third European Meeting on Networks," University of Cambridge INET Institute, June 18-19th, 2015
6. "Econometrics Journal Conference on Networks," University of Cambridge, June 17th, 2015
7. "California Econometrics Conference," Stanford University Graduate School of Business, September 26-27, 2014
8. "9th Invitational Choice Symposium," Huis ter Duin, Noordwijk, The Netherlands, June 12 - 16, 2013
9. "Econometric Evaluation of Policy Reforms", University of Mannheim, December 12 - 14, 2012
10. CEMMAP conference on "Estimation of Complementarities in Matching and Social Networks," Paris, France, October 5 & 6, 2012
11. Invited "Social Interactions" session of the ESEM, University of Málaga, August 27 - 31, 2012
12. CEME Conference on "Inference in Nonstandard Problems," Princeton University, June 15 & 16, 2012
13. Measuring and Interpreting Inequality Working Group, First Meeting, University of Chicago, February 18, 2012
14. Discussant for JBES Annual Lecture, AEA Meetings, Chicago, January 7, 2012
15. Cowles Foundation Summer Conference, *Journal of Applied Econometrics* Conference, Identification and Estimation of Models with Strategic Interactions, Yale University, June 15, 2011
16. Cowles Foundation Summer Conference, Econometrics Summer Conference, Bayesian Semi/Non Parametric Econometrics and Statistics, Yale University, June 13 & 14, 2011
17. Econometrics of Demand Conference CEME Conference, MIT, May 27 & 28, 2011
18. American Economics Association (AEA) Annual Meetings, Denver, January 7 - 9, 2011
19. Econometric Analysis of Social Interaction, Northwestern University, October 1 & 2, 2010
20. Cowles Foundation Summer Conference in Econometrics, Yale University, June 7 & 8, 2010
21. ENAR International Biometric Society Spring Meetings, New Orleans, March 21 - 24, 2010
22. Second International Meeting on Methodology for Empirical Research on Social Interactions, Social Networks, and Health, Harvard University, November 13 - 14, 2009
23. Econometrics of Interactions Conference, CIREQ, Université de Montréal, October 22 - 25, 2009
24. North American Winter Meetings of the Econometric Society, San Francisco, January 2 - 5, 2008
25. JAE Conference on Distributional Dynamics, CEMFI, Madrid, June 6 - 7, 2008
26. Antoni Calvo-Armengol Memorial Conference, IAE, Barcelona, May 29 - 31, 2008
27. International Meeting on Methodology for Empirical Research on Social Interactions, Social Networks, and Health, Harvard University, May 1 - 2, 2008
28. Social Economics Workshop, Stanford University, April 11 - 12, 2008
29. Causal Effects in Economics Conference, Uppsala University, Sweden, June 18 - 21, 2007
30. Labor Studies Meeting, National Bureau of Economic Research, November 17, 2006
31. Research Meeting, MacArthur Network on Social Interactions and Economic Inequality,

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- Stanford University, February 3 - 4, 2006
32. American Economics Association (AEA) Annual Meetings, Boston, January 6 - 8,
 33. 2006 BIR Workshop on the Microeconometrics of Spatial and Grouped Data, Banff, Canada, April 24 - 29, 2004

Contributed conference presentations:

NEUDC, Montreal, Canada (October 1 - 3, 2004)