

Gabriel Carroll
Curriculum Vitae
Updated November 7, 2013

Department of Economics, Stanford University
579 Serra Mall, Stanford, CA 94305

<http://www.stanford.edu/~gdc> | gdc@stanford.edu | (+1) 650-725-8703 (office)

Personal Information

Birthdate: December 24, 1982

Citizenship: USA

Education

PhD in Economics, Massachusetts Institute of Technology, 2012

Research interests: mechanism design, behavioral economics, political economy

Doctoral thesis: “Approaches to Mechanism Design with Boundedly Rational Agents”

Advisors: Parag Pathak, Daron Acemoglu, Glenn Ellison

BA in Mathematics and Linguistics, summa cum laude, Harvard College, 2005

Undergraduate honors thesis: “Formal Properties of Categorical Grammars”

Advisors: Clifford Taubes, Cedric Boeckx

Employment

Assistant professor at Stanford, July 2013 –

Post-doctoral researcher at Microsoft Research, July 2012 – June 2013

Teaching assistant at MIT, Spring and Fall 2010, Spring 2011, Spring 2012

Instructor at Mathematical Olympiad Summer Program, Summer 2008, 2009, 2010, 2012

Research assistant for James Choi, David Laibson, and Brigitte Madrian at NBER, August 2006 – July 2007

Volunteer English teacher at Chaling #1 Middle School, Chaling, Hunan, China, August 2005 – July 2006

Publications

“When are Local Incentive Constraints Sufficient?,” 2012, *Econometrica* 80 (2), 661-686
“An Efficiency Theorem for Incompletely Known Preferences,” 2010, *Journal of Economic Theory* 145 (6), 2463-2470
“Optimal Defaults and Active Decisions” (with James J. Choi, David Laibson, Brigitte C. Madrian, and Andrew Metrick), 2009, *Quarterly Journal of Economics* 124 (4), 1639-1674
“The Cube Recurrence” (with David Speyer), 2004, *Electronic Journal of Combinatorics* 11 (1), #R73

Unpublished Papers

“Robustness and Linear Contracts,” 2013
“Robust Incentives for Information Acquisition,” 2013
“Robust Trade in Lemons Markets,” 2013
“A Quantitative Approach to Incentives: Application to Voting Rules,” 2013
“The Efficiency-Incentive Tradeoff in Double Auction Environments,” 2011
“On Direct Mechanisms with Ordinal Preferences,” 2011
“A General Equivalence Theorem for Allocation of Indivisible Objects,” 2010
“Efficient Random Assignment with Constrained Rankings,” 2010
“Public Projects under Dual Utility,” 2009

Honors and Awards

Robert M. Solow Prize for economics teaching and research at MIT (2012)
Levitan Award for teaching in humanities and social sciences at MIT (2012)
MIT Undergraduate Economic Association Best TA award (2012)
Review of Economic Studies tour (2012)
Yahoo! Key Scientific Challenges fellowship (2011)
NSF Graduate Research Fellowship (2007)
David Mumford Prize for outstanding mathematics student at Harvard (2005)
Thomas T. Hoopes Prize for outstanding undergraduate thesis at Harvard (2005)
Junior Phi Beta Kappa (top 2% of graduating class) (2004)
Putnam Fellow (2000, 2001, 2002, 2003)

Invited Seminars

2013: UIUC, Université de Montréal, BU, NYU, Wisconsin, Duke

2012: Princeton, Berkeley, Stanford Economics, Stanford GSB, Kellogg MEDS, Chicago Booth, Chicago Economics, Harvard Economics, Yale, Cornell, Toulouse, Zurich / ETH, Harvard EconCS, Caltech, UCLA

2011: Carnegie Mellon, Yahoo! Research, Boston College, Microsoft Research

Conference Presentations

“Robust Incentives for Information Acquisition,” EC’13 (ACM Conference on Electronic Commerce), Philadelphia, June 2013

“Robustness and Linear Contracts,” Gaming and Learning in Incentive Systems II, Boston, May 2013

“A Quantitative Approach to Incentives: Application to Voting Rules,” Review of Economic Studies Tour (Mannheim, Leicester, and Bocconi), May 2012

“When are Local Incentive Constraints Sufficient?” Workshop in Prior-Free Mechanism Design, CIMAT, Guanajuato, Mexico, May 2010

“How to Allocate Indivisible Objects to People,” MathFest, Pittsburgh, August 2010

Professional Activities

Referee for *American Economic Review*; *B. E. Journal of Theoretical Economics*; *Econometrica*; *Games and Economic Behavior*; *Journal of Economic Theory*; *Journal of Health Economics*; *Journal of Law, Economics, and Organization*; *Journal of Mathematical Economics*; *Quarterly Journal of Economics*; *Review of Economic Studies*; *Social Choice and Welfare*; ITCS’14 (Innovations in Theoretical Computer Science); National Science Foundation (USA); Swiss National Science Foundation

Program Committee member for EC’13 (ACM Conference on Electronic Commerce), 2013

Participant in Carnegie Mellon Summer School on Algorithmic Economics, 2012

Participant in RSF Summer Institute in Behavioral Economics, 2010