

NIKHIL AGARWAL

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EDUCATION

Harvard University, Ph.D., Economics, 2013.

Advisors: Susan Athey, Ariel Pakes, Parag Pathak, Al Roth
Brandeis University, B.A., Economics and Mathematics, 2008.

ACADEMIC POSITIONS

Massachusetts Institute of Technology, Department of Economics

Castle Krob Career Development Assistant Professor of Economics, 2016 – Present

Assistant Professor of Economics, 2014 – 2016

National Bureau of Economic Research, Faculty Research Fellow, 2014 – Present

Stanford Institute for Economic Policy Research, Visiting Assistant Professor, 2016 – 2017

Yale University, Cowles Foundation, Postdoctoral Associate, 2013 – 2014

WORKING PAPERS

1. “Market Failure in Kidney Exchange” (with Eduardo Azevedo, Itai Ashlagi, Clayton Featherstone and Omer Karaduman)
2. “An Empirical Framework for Sequential Assignment: The Allocation of Deceased Donor Kidneys” (with Itai Ashlagi, Michael Rees, Paulo Somaini and Daniel Waldinger)
3. “Universal Stochastic Dominance and Equilibrium Selection in Imitation Dynamics.”
(with Zhenyu Lai)

PUBLICATIONS

1. “Dynamic Incentives in Waitlist Mechanisms” (with Itai Ashlagi, Paulo Somaini and Daniel Waldinger)
American Economic Association, P&P, vol. 108, pp 341-347, May 2018.

2. “What Matters for the Productivity of Kidney Exchange?” (with Itai Ashlagi, Eduardo Azevedo, Clayton Featherstone and Omer Karaduman)
American Economic Association, P&P, vol. 108, pp 334-340, May 2018.
3. “Demand Analysis using Strategic Reports: An application to a school choice mechanism.” (with Paulo Somaini)
Econometrica, vol. 86 (2), pp 391-444, March 2018.
4. “The Welfare Effects of Coordinated School Assignment: Evidence from the NYC High School Match.” (with Atila Abdulkadiroglu and Parag Pathak)
American Economic Review, vol. 107 (12), pp 3635-89, Dec 2017.
5. “Latent Indices in Assortative Matching Models” (with William Diamond)
Quantitative Economics, vol. 8(3), pp 685-728, Nov 2017.
6. “Policy Analysis in Matching Markets.”
American Economic Review, P&P, vol. 105(5), pp 246-50, May 2017.
7. “An Empirical Model of the Medical Match.”
American Economic Review, vol. 105 (7), pp 1939-78, July 2015.
8. “Skewed Bidding in Pay Per Action Auctions for Online Advertising.” (with Susan Athey and David Yang)
American Economic Review, P&P, vol. 99(2), pp 441-447, May, 2009.
9. “Toxic Exposure in America: Estimating Fetal and Infant Health Outcomes from 14 Years of TRI Reporting.” (with Linda Bui and Chanont Banternghansa)
Journal of Health Economics, vol. 29 (4), pp 557-574, July, 2010.

GRANTS AND HONORS

National Institutes of Health Development Research Grant, R21-DK113626, 2018-2020
 MIT Graduate Economics Association Best Advisor Award, 2017-2018
 MIT SHASS Research Fund, 2018
 Best Paper Award, *Quantitative Economics*, 2017
 National Science Foundation Research Grant, SES-1729090, 2017-2020
 Excellence in Refereeing Award, *American Economic Review*, 2016, 2017
 National Institutes of Health, Pilot Grant, P30AG012810, 2016-2017
 MISTI Global Seed Fund – Chile, 2015-2017
 National Science Foundation Research Grant, SES-1427231, 2014-2018

Review of Economic Studies Tour, 2013

National Bureau of Economic Research Nonprofit Fellowship, 2011-2012

Phi Beta Kappa, 2008

Wien International Scholarship, 2004-2008

INVITED LECTURES

15th European Matching-in-Practice Workshop, Keynote, 2018 (planned)

29th Jerusalem Summer School, 2018

AEA Continuing Education Program, 2018

NBER Summer Institute Methods Lectures, 2016

TEACHING AND ADVISING

Massachusetts Institute of Technology

Microeconomic Theory and Public Policy, 2015, 2016, 2018.

Advanced Topics in Industrial Organization, 2015, 2016, 2018.

Industrial Organization I, 2017

Reading Group, Structural Empirical Methods, 2014, 2015, 2016, 2017

Ph.D. student advising with initial placement (* indicates primary or secondary advisor):

1. Jie Bai ('16), Microsoft Post-doc, followed by Harvard Kennedy School
2. Yusuke Narita ('16), Cowles foundation post-doc, followed by Yale University
3. Vivek Bhattacharya* ('17), Northwestern University
4. Alonso Bucarey* ('18), Amazon
5. David Liu* ('18), Brattle Group
6. Daniel Waldinger* ('18), New York University

Yale University, Graduate Industrial Organizations, 2013.

PROFESSIONAL SERVICE

Referee: *American Economic Review*, *AEJ: Microeconomics*, *Econometrica*, *Journal of Economic Theory*, *Journal of Industrial Economics*, *International Economic Review*, *Journal of Political Economy*, *Journal of Public Economics*, *Quarterly Journal of Economics*, *Review of Economic Studies*.

Program Committee: EC'16, Econometric Society Meetings, MATCH-UP 2017

Reviewer: National Science Foundation

SEMINARS AND CONFERENCES

2018 (includes planned): ASSA Meetings, Carnegie Mellon University, Cowles Summer Conference, Conference on Structural Dynamics (University of Copenhagen), Harvard University, NBER Health Care Meetings, Rice University, Toulouse School of Economics, University of Bologna

2017: ASSA Meetings, Brandeis University, CRATE Conference, EARIE Conference, Princeton University, Santa Clara University, Microsoft Research New England, New York University, Pennsylvania State University, Stanford University, University of California at Berkeley, University of California at Davis

2016: Arizona State University, ASSA Meetings, Stanford University, University of California at Los Angeles

2015: ASSA Meetings, Boston College, Dartmouth Winter Conference, Department of Justice, Harvard, Johns Hopkins University, MIT, NBER Industrial Organizations Meetings, Ohio State University, Pontificia Universidad Católica de Chile, University of Michigan, University of Maryland, University of Pennsylvania, University of Southern California, Universidad Diego Portales, CRES Microeconomics Conference

2014: Boston University, Cowles Summer Conference, Duke University, Harvard University, Microsoft Research, Northwestern University, University of Arizona, University of Calgary, University of Pennsylvania (Wharton), University of Texas at Austin, University of Toronto, University of Wisconsin (Madison), NBER Market Design Meetings, Yale University

2013: Brown University, Central European University, Chicago Booth, Columbia University, Geothe Universität, London School of Economics, Massachusetts Institute of Technology, Microsoft Research, NBER Market Design Meetings, Princeton University, Stanford Econ/GSB Applied Microeconomics, University of Chicago, University of Edinburgh, University of Illinois (Urbana-Champaign), University of Minnesota, Yale University