

Parag A. Pathak

Department of Economics, MIT, 50 Memorial Drive, Cambridge MA 02142-1347.
Phone: (617)-253-7458, Fax: (617)-253-1330, Email: ppathak@mit.edu.

Education

Ph.D., Harvard, Business Economics, 2007.
Dissertation: Essays on Real-Life Allocation Problems.
S.M., Harvard, Applied Mathematics, 2002.
A.B., Harvard, *summa cum laude* in Applied Mathematics, 2002.

Academic Positions

Massachusetts Institute of Technology, Assistant Professor of Economics, 2008-2009;
Economics Career Development Assistant Professor of Economics, 2009-
Harvard University, Junior Fellow, Society of Fellows, 2007-2009.

Research Grants

National Science Foundation Research Grant 0924555 for “New Issues in Matching Market Design” 2009-2011.
Harvard Milton Fund Research Grant, 2007.
Rappaport Institute for Greater Boston Fellow, 2007.
Q-Group Research Grant, 2006.
John R. Meyer Dissertation Fellowship, Joint Center for Housing Harvard, 2006.
Lincoln Institute for Land Economics Grant, 2005.
Spencer Foundation on Education Research Grant, 2005.
National Science Foundation Graduate Research Fellowship, 2003-2006.

Awards

Richard Hernstein Prize for Best Dissertation in Social Sciences at Harvard, 2007.
Review of Economic Studies Tour, 2007.
State Farm Companies Doctoral Dissertation Award, 2006.
George S. Dively Award for Outstanding Pre-Dissertation Research, 2005.
Paul and Daisy Soros Fellowship for New Americans, 2003.
Chateaubriand Fellowship (Ambassade de France), 2002.
Thomas T. Hoopes Prize, 2002.
Phi Beta Kappa, 2001.

Publications

1. “Strategyproofness versus Efficiency in Matching with Indifferences: Redesigning the NYC High School Match.” *American Economic Review*, forthcoming, December 2009. (with Atila Abdulkadiroğlu and Alvin E. Roth)
2. “Incentives and Stability in Large Two Sided Matching Markets.” *American Economic Review*, June 2009, 99(3), 608-627. (with Fuhito Kojima)
3. “Leveling the Playing Field: Sincere and Sophisticated Players in the Boston Mechanism.” *American Economic Review*, 2008, 98(4), 1636-52. (with Tayfun Sönmez)
4. “The Dynamics of Open-Source Contributors.” *American Economic Review, P & P*, May 2006, 114-118. (with Josh Lerner and Jean Tirole)
5. “Short Interest, Institutional Ownership, and Stock Returns.” *Journal of Financial Economics*, November 2005, 78: 243-276. (with Paul Asquith and Jay Ritter)
6. “The Boston Public Schools Match.” *American Economic Review, P & P*, May 2005, 368-371. (with Atila Abdulkadiroğlu, Alvin E. Roth, and Tayfun Sönmez)
7. “The New York City High School Match.” *American Economic Review, P & P*, May 2005, 364-367. (with Atila Abdulkadiroğlu and Alvin E. Roth)

Working Papers

1. “Lotteries in Student Assignment: The Equivalence of Queueing and a Market-Based Approach.”
2. “Comparing Mechanisms by their Vulnerability to Manipulation.” (with Tayfun Sönmez)
3. “Cooperation over Finite Horizons: a Theory and Experiments.” (with Attila Ambrus)
4. “Forced Sales and House Prices.” (with John Campbell and Stefano Giglio)
5. “Accountability and Flexibility in Public Schools: New Evidence from Boston’s Charters and Pilots.” (with Atila Abdulkadiroğlu, Josh Angrist, Sue Dynarski, and Tom Kane)
6. “The Market for Shorting Bonds.” (with Andrea Au and Paul Asquith)
7. “Changing the Boston School Choice Mechanism: Strategy-proofness as Equal Access.” (with Atila Abdulkadiroğlu, Alvin E. Roth, and Tayfun Sönmez)
8. “Speculative Attacks and Risk Management.” (with Jean Tirole)

9. “Unobserved Punishment Supports Cooperation.” (with Drew Fudenberg)
10. “Group versus Individual Decision-Making: Is there a Shift?” (with Attila Ambrus and Ben Greiner)

Work in Progress

1. “Externalities from Rent Control? Evidence from Cambridge.” (with David Autor and Christopher Palmer)
2. “Stability and Incentives in Matching with Couples.” (with Fuhito Kojima and Alvin E. Roth)
3. “The Effects of Centralized Exchanges: Evidence from the Corporate Bond Market” (with Paul Asquith and Thomas Covert)
4. “The Distributional Consequences of the End of School Integration: Evidence from Boston” (with Atila Abdulkadiroğlu)
5. “The Effects of the Community Reinvestment Act on Mortgage Lending and Foreclosures” (with John Y. Campbell and Stefano Giglio)
6. “The Effects of Small Schools Reform in NYC” (with Atila Abdulkadiroğlu)
7. “The Effects of Elite Selective High Schools: Evidence from NYC and Boston” (with Atila Abdulkadiroğlu and Josh Angrist)
8. “Entry and Exit among Real-Estate Agents” (with Panle Jia)
9. “The Welfare Costs of Unstable Mechanisms: Evidence from NYC” (with Atila Abdulkadiroğlu)

Professional Activities

National Bureau of Economic Research, Faculty Research Fellow, 2008-present.

National Bureau of Economic Research, co-director, Working Group on Market Design, 2008-present.

2004-05: IMF (Annual Research Conference), Stanford SITE, AEA Meetings (Philadelphia), Banque de France

2005-06: Hebrew University (Summer School on Market Design), Eric Mindich Conference on Designing Choice (co-organizer)

2006-07: Yahoo! Microeconomics Research Group, Boston College, Harvard NOM, Columbia GSB, Berkeley, Stanford/Stanford GSB, Chicago GSB, Northwestern, Massachusetts Institute of Technology/Sloan, Tinbergen Institute-Amsterdam, IEW-Zurich, London Business School, Summer Econometric Society Meetings (Duke), Western Economics Association (discussant: Special session on Market Design), NBER Summer Institute Education Program

2007-08: Brown, Universitat Autònoma Barcelona, Winter Meetings of Econometric Society (New Orleans) (2x), AEA Meetings (discussant: Matching Markets), Utah Business Economics conference (discussant), Madrid-CEMFI, European Center for Advanced Research in Economics and Statistics-ECARES, CORE-Université Libre de Bruxelles, NBER Spring Education Program, Princeton University, UCLA Workshop on Applied Mathematics, Society for Economic Design

2008-09: SITE Market Design workshop (co-organizer), Arne Ryde Symposium in Lund Sweden, Federal Reserve Board Conference on Housing Markets, Brussels Workshop on School Enrollment Policies, MIT (2x), Rappaport Institute for Greater Boston at HKS, NBER Market Design Working Group (co-organizer), Working Group on Controlled Choice Cambridge Public Schools, Cowles Foundation Summer Conference on Economic Theory, NBER Summer Institute on Economics of Real Estate & Local Public Finance

2009-10: Microsoft Research New England (planned), AEA Meetings (Atlanta): Session on Understanding Education Reforms via Lotteries (planned), Boston University (planned), Radcliffe Conference on Political Economy (planned), University of Toronto (planned), MIT (planned), Chicago Booth Applied Economics (planned), UC Berkeley (planned), Tel-Aviv (planned), Economics 2056 (Harvard), CS286r (Harvard) Invited guest lecture

Referee for: American Economic Review, Econometrica, Economic Theory, Economics of Transition, Journal of Economic Theory, Journal of Finance, Journal of Political Economy, Journal of Public Economics, Mathematics of Operations Research, Quarterly Journal of Economics, Rand Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Review of Economic Design, Social Choice and Welfare, Theory and Decision