

## **Jonathan Guryan**

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### **Employment**

*Northwestern University*, Professor of Human Development and Social Policy, School of Education and Social Policy, September 2017 – Present.

*Northwestern University*, Associate Professor of Human Development and Social Policy and Economics, School of Education and Social Policy, July 2010 – Present.

*Northwestern University*, Faculty Fellow, Institute for Policy Research, July 2010 – Present.

*Northwestern University*, Program Coordinator and Director of Graduate Studies, Human Development and Social Policy program, School of Education and Social Policy, September 2016 – Present.

*Northwestern University*, Member by courtesy, Department of Economics and Kellogg School of Management, July 2010 – Present.

*Urban Education Lab*, University of Chicago Urban Labs, Co-Director and Co-Founder, September 2011 – Present.

*University of Chicago Booth School of Business*, Associate Professor of Economics, July 2004 – 2010.

*Princeton University*, Industrial Relations / Education Research Sections Visiting Fellow, September 2006 – June 2007.

*University of Chicago Booth School of Business*, Assistant Professor of Economics, July 2000 – July 2004.

### **Education**

*Massachusetts Institute of Technology*, 1996-2000, Ph. D. in Economics.

*Princeton University*, 1992-1996, A.B. in Economics, Cum Laude.

### **Journal Articles**

“Educational Performance of Children Born Prematurely,” *JAMA Pediatrics*, forthcoming, published online June 12, 2017 (joint with Craig F. Garfield, Krzysztof Karbownik, Karna Murthy, Gustave Falciglia, David N. Figlio and Jeffrey Roth).

- “Effectiveness of Structured Teacher Adaptations to an Evidence-Based Summer Literacy Program,” *Reading Research Quarterly*, forthcoming published online March 11, 2017 (joint with James S. Kim, Mary Burkhauser, David M. Quinn, Helen Chen Kingston, and Kirsten Aleman).
- “Motivation and Incentives in Education: Evidence from a Summer Reading Experiment,” *Economics of Education Review*, forthcoming (joint with James S. Kim and Kyung Park).
- “Thinking Fast and Slow? Some Field Experiments to Reduce Crime and Dropout in Chicago,” *Quarterly Journal of Economics*, February 2017, 132(1): 1-54 (joint with Sarah B. Heller, Anuj K. Shah, Jens Ludwig, Sendhil Mullainathan and Harold A. Pollack). Lead article.
- “Delayed Effects of a Low-Cost and Large-Scale Summer Reading Intervention on Elementary School Children’s Reading Comprehension,” *Journal of Research on Educational Effectiveness*, October 2016, 9(S1): 1-22 (joint with James S. Kim, Thomas G. White, David M. Quinn, Lauren Capotosto, and Helen Chen Kingston). Lead article.
- “Long-term Cognitive and Health Outcomes of School-Aged Children Who Were Born Late-Term vs Full-Term,” *JAMA Pediatrics* 170(8): 758-764, August 2016, published online June 6, 2016 (joint with David N. Figlio, Krzysztof Karbownik and Jeffrey Roth).
- “Do Lottery Payments Induce Savings Behavior: Evidence From the Lab,” *Journal of Public Economics*, June 2015, 126: 1-24 (joint with Emel Filiz-Ozbay, Kyle Hyndman, Melissa Schettini Kearney, and Erkut Y. Ozbay).
- “The Effects of Poor Neonatal Health on Children’s Cognitive Development,” *American Economic Review*, December 2014, 104(12): 3921-3955 (joint with David N. Figlio, Krzysztof Karbownik, and Jeffrey Roth).
- “Taste-Based or Statistical Discrimination: The Economics of Discrimination Returns to its Roots,” *Economic Journal*, November 2013, 123(572): F417-F432, (joint with Kerwin Charles).
- “Studying Discrimination: Fundamental Challenges and Recent Progress,” *Annual Review of Economics*, Volume 3, 2011 (joint with Kerwin Charles).
- Reprinted as chapter 3 in *Law and Economics of Discrimination*, John Donohue III, ed. Edward Elgar Publishing, 2014.
- “Is Lottery Gambling Addictive?” *American Economic Journal: Economic Policy* August 2010, 2(3): 90-110 (joint with Melissa S. Kearney).
- “The Race Between Education and Technology: A Review Article,” *Journal of Human Capital* Summer 2009, 3(2): 177-196.
- “The Efficacy of a Voluntary Summer Book Reading Intervention for Low-Income Latino Children from Language Minority Families: A Replication Experiment,” *Journal of Educational Psychology* 102(1): 21-31, 2009 (joint with James S. Kim).

“Peer Effects in the Workplace: Evidence from Random Groupings in Professional Golf Tournaments,” *American Economic Journal: Applied Economics*, October 2009, 1(4): 34-68 (joint with Matt Notowidigdo and Kory Kroft).

“Climate Change and Birth Weight,” *American Economic Review Papers and Proceedings*, May 2009, 99(2): 211-217 (joint with Olivier Deschenes and Michael Greenstone).

“Prejudice and Wages: An Empirical Assessment of Becker’s *The Economics of Discrimination*,” *Journal of Political Economy*, October 2008, 116(5): 773-809 (joint with Kerwin Charles).  
Lead article.

Reprinted as chapter 2 in *Law and Economics of Discrimination*, John Donohue III, ed. Edward Elgar Publishing, 2014.

“Does Teacher Testing Raise Teacher Quality? Evidence from Teacher Certification Requirements,” *Economics of Education Review*, October 2008, 27(5): 483-503 (joint with Joshua D. Angrist).

“Parental Education and Parental Time with Children,” *Journal of Economic Perspectives*, Summer 2008, 22(3) (joint with Erik Hurst and Melissa S. Kearney).

“Gambling at Lucky Stores: Empirical Evidence from State Lottery Sales,” *American Economic Review*, March 2008, 98(1): 458-473 (joint with Melissa S. Kearney).

“Using Technology to Describe Social Networks and Test Mechanisms Underlying Peer Effects in Classrooms,” *Developmental Psychology*, March 2008, 44(2): 355-364 (joint with Eric Klopfer, Brian Jacob and Jennifer Groff).

“The Impact of Internet Subsidies in Public Schools,” *The Review of Economics and Statistics*, May 2006, 88(2): 336-347, (joint with Austan Goolsbee).

“Desegregation and Black Dropout Rates,” *American Economic Review*, September 2004, 94(4): 919-943.

“Teacher Testing, Teacher Education, and Teacher Characteristics,” *American Economic Review, Papers and Proceedings*, May 2004, 94(2): 241-246. (joint with Joshua D. Angrist).

## **Grants**

NICHD (1P01HD076816-01A1): “Remediating Academic and Non-Academic Skill Deficits among Disadvantaged Youth” (Guryan: Core Lead) 2014-2019. \$5,893,752

W.T. Grant Foundation (180140): “The Causes of Truancy and Dropout: A Mixed-Methods Experimental Study in the Chicago Public Schools” (Guryan:PI) 2011-2014. \$597,811.

NICHD (1R01HD067500-01): “A Randomized Study to Abate Truancy and Violence in Grades 3-9” (Guryan:PI) 2010-2015. \$3,024,515.

Institute for Education Sciences, U.S. Department of Education: “Preventing truancy in urban schools through provision of social services by truancy officers: A Goal 3 randomized efficacy trial (Chicago Public Schools)” (Guryan:PI) 2010-2014. \$3,177,638.

Smith Richardson Foundation: “Reducing Juvenile Delinquency by Building Non-Cognitive Skills: Experimental Evidence” (Guryan:PI) 2010-2012. \$296,039.

Investing in Innovation (i3), Office of Innovation and Improvement, U.S. Department of Education: “Project READS: Using Data to Promote Summer Reading & Close the Achievement Gap for Low-SES Students in North Carolina” (James Kim: PI, Guryan: Independent Evaluator). \$15,578,468.

University of Chicago Energy Initiative: “Health and Economic Costs of Climate Change” (Guryan:PI) 2008-2009. \$20,000.

W.T. Grant Foundation: “Proposal for multi-district randomized control trial of a voluntary summer reading intervention” (James Kim: PI, Guryan:Co-Investigator), 2007-2008. \$520,968.

National Science Foundation: “The Internet, Subsidies, and Public Schools,” (Austan Goolsbee:PI, Guryan:Co-Investigator), 2003-2007. \$422,619.

### **Working Papers**

“Sibling Spillovers,” *NBER Working Paper 23062*, January 2107 (joint with Sandra E. Black, Sannie Breining, David N. Figlio, Krzysztof Karbownik, Helena Skyt Nielsen, Jeffrey Roth and Marianne Simonsen).

“The Effect of Mentoring on School Attendance and Academic Outcomes: A Randomized Evaluation of the Check & Connect Program,” *IPR Working Paper 16-18* November 2016 (joint with Sandra Christenson, Amy Claessens, Mimi Engel, Ijun Lai, Jens Ludwig, Ashley Cureton Turner and Mary Clair Turner).

"Discrimination, Culture and Women's Outcomes in the U.S." working paper. July 2016 (joint with Kerwin Charles and Jessica Pan).

“Not Too Late: Improving Academic Outcomes for Disadvantaged Youth,” *IPR Working Paper 15-01* February 2015 (joint with Phillip J. Cook, Kenneth Dodge, George Farkas, Roland G. Fryer Jr., Jens Ludwig, Susan Mayer, Harold Pollack and Laurence Steinberg).

“Summer Meltdown? Variation in Children's Noncognitive Skills Between School and Summer Months,” unpublished manuscript, August 2016 (joint with Ijun Lai and Ariel Kalil).

“Can a Scaffolded Summer Reading Intervention Reduce Socioeconomic Gaps in Children’s Reading Comprehension Ability and Home Book Access? Results from a Randomized Experiment,” *IPR Working Paper 15-15* October 2015 (joint with James S. Kim, Lauren Capotosto, David M. Quinn, Helen Chen Kingston, Lisa Foster, and North Cooc).

“Does Reading During the Summer Build Reading Skills? Evidence from a Randomized Experiment in 463 Classrooms,” *NBER Working Paper 20689*, November 2014 (joint with James S. Kim and David M. Quinn).

“Early Life Environment and Racial Inequality in Education and Earnings in the United States,” *NBER Working Paper 20539*, October 2014 (joint with Kenneth Y. Chay and Bhash Mazumder). [Companion paper to NBER WP 15078, for revision to *QJE*.]

“Birth Cohort and the Black-White Achievement Gap: The Roles of Access and Health Soon After Birth,” *NBER Working Paper 15078*, June 2009 (joint with Kenneth Y. Chay and Bhash Mazumder). [Revise and resubmit, *Quarterly Journal of Economics*.]

“The (Surprising) Efficacy of Academic and Behavioral Intervention with Disadvantaged Youth: Results from a Randomized Experiment in Chicago,” *NBER Working Paper 19862*, January 2014 (joint with Philip J. Cook, Kenneth Dodge, George Farkas, Roland G. Fryer Jr., Jens Ludwig, Susan Mayer, Harold Pollack and Laurence Steinberg).

“Prejudice and the Economics of Discrimination,” *NBER Working Paper 13661*, December 2007 (joint with Kerwin Charles).

“Does Money Matter? Regression-Discontinuity Estimates from Education Finance Reform in Massachusetts,” *NBER Working Paper 8269*, May 2001.

### **Other Publications**

“Improving Academic Outcomes for Disadvantaged Students: Scaling Up Individualized Tutorials,” Policy Proposal for The Hamilton Project, 2016-02. March 2016 (joint with Roseanna Ander and Jens Ludwig).

“Why Half of Urban Kids Drop Out,” CNN.com, March 2014. (joint with Jens Ludwig)

“Decreasing Delinquency, Criminal Behavior, and Recidivism by Intervening on Psychological Factors other than Cognitive Ability: A Review of the Intervention Literature,” in *Controlling Crime: Strategies and Tradeoffs*, Eds. Philip J. Cook, Jens Ludwig and Justin McCrary. University of Chicago Press, 2011 (joint with Patrick L. Hill, Brent W. Roberts, Jeffrey T. Grogger, and Karen Sixkiller).

“Making Savers Winners: An Overview of Prize-Linked Saving Products,” in Olivia S. Mitchell and Annamaria Lusardi, eds., *Financial Literacy: Implications for Retirement Security and the Financial Marketplace*. Oxford, UK: Oxford University Press, 2011, (joint with Melissa S. Kearney, Peter Tufano and Erik Hurst).

"taste-based discrimination", "The New Palgrave Dictionary of Economics", Eds. Steven N. Durlauf and Lawrence E. Blume, Palgrave Macmillan, 2009, The New Palgrave Dictionary of Economics Online, Palgrave Macmillan. 19 February 2010, DOI:10.1057/9780230226203.1906 (joint with Kerwin Charles).

“Trying to Understand the 2008-2009 Recession: Part 1, Perspective and Causes,” *Journal of Lutheran Ethics* 9, March 2009.

“Trying to Understand the 2008-2009 Recession: Part 2, Remedies,” *Journal of Lutheran Ethics* 9, March 2009.

“World Wide Wonder? Measuring the (non-)Impact of Internet Subsidies in Public Schools,” *Education Next*, Winter 2006 (joint with Austan Goolsbee).

“Should We Test Prospective Teachers?” *Perspectives on Work*, Winter 2005.

“How Financial Aid Affects Persistence: Comment,” in *College Choices: The Economics of Where to Go, When to Go, and How to Pay for It*, Caroline Hoxby, ed., 2004.

### **Awards and Honors**

John T. Dunlop Outstanding Scholar Award, awarded by the Labor and Employment Relations Association, 2010.

Centel Foundation/Robert P. Reuss Scholar, Booth School of Business, University of Chicago, 2002-2003.

National Science Foundation, Graduate Research Fellow, 1996-1999.

### **Professional Activities**

Editor, *Journal of Labor Economics*, December 2011 – present.

Research Associate, National Bureau of Economic Research. September 2010 – present.

Faculty research fellow, National Bureau of Economic Research, September 2000 – September 2010.

Northwestern University, School of Education and Social Policy, Executive Committee, September 2016 – present.

Northwestern University, Institute for Policy Research, Executive Committee, September 2012 – present.

Co-Chair, J-PAL State and Local Innovation Initiative. 2015 – present.

Faculty Affiliate, Population Research Center, NORC, December 2000 – present.

Associate Editor, *Labour Economics*.

Research Consultant, Federal Reserve Bank of Chicago.

University of Chicago Crime Lab, Faculty Affiliate.

Invited Participant, Young Faculty Leaders Forum, Harvard University.

Referee: *American Economic Review*, *Quarterly Journal of Economics*, *Journal of Political Economy*, *Review of Economic Studies*, *Journal of Public Economics*, *Journal of Labor Economics*, *Review of Economics and Statistics*, *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *Journal of Policy Analysis and Management*, *National Tax Journal*, *Economics of Education Review*, *European Economic Review*, *Journal of Human Resources*, *Regulation and Governance*, *Education Next*, *Education Finance and Policy*, *British Journal of Industrial Relations*, *Journal of Law and Economics*.

## **Teaching**

*Northwestern University, School of Education and Social Policy:*

Quantitative Methods II. The Economics of Inequality and Discrimination.

*University of Chicago Booth School of Business:*

The Employment Relationship, Microeconomics.