

## **BRIAN A. JACOB**

Gerald R. Ford School of Public Policy  
University of Michigan  
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### **ACADEMIC POSITIONS**

Walter H. Annenberg Professor of Education Policy, Professor of Economics and Professor of Education,  
Gerald R. Ford School of Public Policy, University of Michigan, 2007 – Present

Co-Director, Education Policy Initiative, University of Michigan, 2012 - Present

Director, Center for Local, State and Urban Policy, University of Michigan, 2007 - 2012

Visiting Associate Professor, Gerald R. Ford School of Public Policy, University of Michigan, 2006-07

Assistant Professor, John F. Kennedy School of Government, Harvard University, 2001-2007

### **EDUCATION**

University of Chicago, Ph.D. in Public Policy, 2001

Harvard University, A.B. *magna cum laude* in Social Studies, 1992

### **OTHER POSITIONS**

Fellow, CESifo Research Network, 2014 - present

Research Associate, National Bureau of Economic Research, 2007-present

Faculty Research Fellow, National Bureau of Economic Research, 2001-2007

Executive Committee Member, National Poverty Center (2008-2012)

Board of Editors, American Economic Journal: Applied Economics (since 2007)

Associate Editor, Review of Economics and Statistics (since 2008)

Editorial Board Member, Education Finance and Policy (since 2009)

Member: American Economic Association, Assoc of Policy and Management, & Amer. Educ. Research Assoc. (various years since 2001)

## **PUBLICATIONS**

### Peer Reviewed Journal Articles

- Jacob, Brian A., McCall, Brian and Kevin Stange (Forthcoming). "College as Country Club: Do Colleges Cater to Students' Preferences for Consumption?" *Journal of Labor Economics*.
- Jacob, Brian A., Kaputsin, Max and Jens Ludwig (2015). "The impact of housing assistance on child outcomes: Evidence from a randomized housing lottery." *Quarterly Journal of Economics*. 130 (1): 465-506.
- Ronfeldt, Matthew, Schwartz, Nathaniel, and Brian Jacob (2014). "Does Pre-Service Preparation Matter? Examining an Old Question in New Ways." *Teachers College Record*. 116(10): 1-46.
- Engel, Mimi, Brian A. Jacob and Chris Curran (2014). "New Evidence on Teacher Labor Supply." *American Educational Research Journal*. 51(1): 36-72.
- Jacob, Brian A. (2013). "The Effect of Employment Protection on Worker Effort: Evidence from Public Schooling." *Journal of Labor Economics*. 31(4): 727-761.
- Jacob, Brian A., Ludwig, Jens and Douglas Miller (2013). "The Effects of Housing and Neighborhood Conditions on Child Mortality." *Journal of Health Economics*. 32(1): 195-206.
- Dee, T.S., Jacob, B.A., and Nathaniel L. Schwartz (2013). "The Effects of No Child Left Behind on Education Finance and Practice." *Educational Evaluation and Policy Analysis*. 35(2): 252-279.
- Jacob, Robin T. and Brian A. Jacob (2012). "Pre-notification, Incentives and Survey Modality: An Experimental Test of Methods to Increase Survey Response Rates of School Principals." *Journal of Research on Educational Effectiveness*. 5(4): 401-420.
- Dee, T.S. and Jacob, B.A. (2012). "Rational Ignorance in Education: A Field Experiment in Student Plagiarism." *Journal of Human Resources*. 47(2): 397-434.
- Jacob, Brian A. and Jens Ludwig (2012). "The Effects of Housing Assistance on Labor Supply: Evidence from a Voucher Lottery." *American Economic Review*. 102(1): 272-304.
- Duggan, Mark, Hamjalmarrson, Randi and Jacob, Brian (2011). "The Short-Term and Localized Effect of Gun Shows: Evidence from California and Texas." *Review of Economics and Statistics*. 93(3): 786-799.
- Dee, Thomas S. and Jacob, Brian A. (2011). "The Impact of No Child Left Behind on Student Achievement." *Journal of Policy Analysis and Management*. 30(3): 418-446.
- Jacob, Brian A. (2011). "Do Principals Fire the Worst Teachers?" *Educational Evaluation and Policy Analysis*. 33(4): 403-434.
- Jacob, B. and Lefgren, L. (2011). "The Impact of NIH Postdoctoral Training Grants on Scientific Productivity." *Research Policy*. 40(6): 864-874.

- Jacob, B. and Lefgren, L. (2011). "The Impact of Research Grant Funding on Scientific Productivity." *Journal of Public Economics* 95(9-10): 1168-1177.
- Jacob, Brian and Elias Walsh (2011). "What's in a Rating?" *Economics of Education Review*. 30(3): 434-448.
- Rockoff, Jonah, Jacob, Brian, Kane, Thomas and Staiger, Douglas (2011). "Can You Recognize an Effective Teacher When You Recruit One?" *Education Finance and Policy*. 6(1):43-74.
- Dee, T.S. and Jacob, Brian A. (2010). "The Impact of No Child Left Behind on Students, Teachers and Schools." *Brookings Papers on Economic Activity*. (Fall 2010): 149-207.
- Jacob, Brian, Lefgren, Lars and David Sims (2010). "The Persistence of Teacher-Induced Learning Gains." *Journal of Human Resources*. 45(4): 915-943.
- Jacob, B. and Lefgren, L. (2009). "The Effect of Grade Retention on High School Completion." *American Economic Journal: Applied Economics*. 1(3): 33-58.
- Guryan, Jonathan, Jacob, Brian, Klopfer, Eric and Jennifer Groff (2008). "Using Technology to Explore Social Networks and Mechanisms Underlying Peer Effects in Classrooms." *Developmental Psychology* 44(2): 355-364.
- Jacob, B. and Lefgren, L. (2008). "Principals as Agents: Subjective Performance Assessment in Education." *Journal of Labor Economics*. 26(1): 101-136.
- Jacob, B. and Lefgren, L. (2007). "What Do Parents Value in Education? An Empirical Investigation of Parents' Revealed Preferences for Teachers." *Quarterly Journal of Economics*. 122(4): 1603-1637.
- Jacob, B., Lefgren, L. and Moretti, E. (2007). "The Dynamics of Criminal Behavior: Evidence from Weather Shocks." *Journal of Human Resources*. 42(3): 489-527.
- Cullen, J., Jacob, B. and Levitt, S. (2006). "The Effect of School Choice on Student Outcomes: Evidence from Randomized Lotteries." *Econometrica*. 74(5): 1191-1230.
- Jacob, B. (2005). "Accountability, Incentives and Behavior: Evidence from School Reform in Chicago." *Journal of Public Economics*. 89(5-6): 761-796.
- Cullen, J., Jacob, B. and Levitt, S. (2005). "The Impact of School Choice on Student Outcomes: An Analysis of the Chicago Public Schools." *Journal of Public Economics*. 89(5-6): 729-760.
- Jacob, B. (2004). "Public Housing, Housing Vouchers and Student Achievement: Evidence from Public Housing Demolitions in Chicago." *American Economic Review*. 94(1): 233-258.
- Jacob, B. and Lefgren, L. (2004). "Remedial Education and Student Achievement: A Regression-Discontinuity Analysis." *Review of Economics and Statistics*. LXXXVI (1): 226-244.
- Jacob, B. and Lefgren, L. (2004). "The Impact of Teacher Training on Student Achievement: Quasi-Experimental Evidence from School Reform Efforts in Chicago." *Journal of Human Resources*. 39(1) : 50-79.

- Jacob, B. and Lefgren, L. (2003). "Are Idle Hands the Devil's Workshop? Incapacitation, Concentration and Juvenile Crime." *American Economic Review*. 93(5): 1560-1577.
- Jacob, B. and Levitt, S. (2003). "Rotten Apples: An Investigation of the Prevalence and Predictors of Teacher Cheating." *Quarterly Journal of Economics*. 118(3): 843-877.
- Roderick, M., Jacob, B. and Bryk, A. (2002). "The Impact of High-Stakes Testing in Chicago on Student Achievement in the Promotional Gate Grades." *Educational Evaluation and Policy Analysis*. 24(4): 333-357.
- Jacob, B. (2002). "Where the Boys Aren't: Non-Cognitive Skills, Returns to School and the Gender Gap in Higher Education" *Economics of Education Review*. 21: 589-598.
- Jacob, B. (2001). "Getting Tough? The Impact of Mandatory High School Graduation Exams on Student Achievement and Dropout Rates." *Educational Evaluation and Policy Analysis*. 23(2): 99-122.
- Jacob, B. (1995). "Defining 'Culture' in Multicultural Education: Community, Competition and Cultural Hierarchy at Heritage High." *American Journal of Education* 103 (August), 339-76.

#### Book Chapters & Other Publications

- Jacob, B., Berger, D., Hart, Cassandra and Loeb, S. (Forthcoming). "Can Technology Help Promote Equality of Educational Opportunities?" *Russell Sage Journal*.
- Jacob, Brian A. and Jonah Rockoff (2011). "Organizing Schools to Improve Student Achievement: Start Times, Grade Configurations and Teacher Assignments." *The Hamilton Project*, Brookings Institution.
- Jacob, B.A. and Tamara Wilder (2011). "Educational Expectations and Attainment." In *Whither Opportunity? Rising Inequality and the Uncertain Life Chances of Low-Income Children*, edited by Greg J. Duncan and Richard J. Murnane. New York, NY: Russell Sage Press.
- Heller, Sara, Jacob, B.A., Ludwig, Jens. (2011). "Family Income, Neighborhood Poverty and Crime." In *Making Crime Control Pay: Cost-Effective Alternatives of Incarceration*, edited by Philip J. Cook, Jens Ludwig and Justin McCrary. Cambridge, MA: National Bureau of Economic Research.
- Jacob, Brian A. and Jens Ludwig (2011). "Educational Interventions: Their Effects on the Achievement of Poor Children." In *Neighborhood and Life Chances: How Place Matters in Modern America*. Harriet B. Newburger, Eugenie L. Birch, and Susan M. Wachter, Eds. Philadelphia, PA: University of Pennsylvania Press.
- Jacob, Brian A. and Jens Ludwig (2009). "Improving Educational Outcomes for Poor Children." In *Changing Poverty*. Maria Cancian and Sheldon Danziger, Eds. New York, NY: Russell Sage Publications.

- Cullen, J. and Jacob, B. (2008). "Is Gaining Access to a Selective Elementary School Gaining Ground? Evidence from Randomized Lotteries." In Jonathan Gruber, ed. *An Economics Perspective on the Problems of Disadvantaged Youth*. Chicago, IL: University of Chicago Press.
- Jacob, B. (2007). "The Challenges of Staffing Urban Schools with Effective Teachers." *The Future of Children* 17(1): 129-154.
- Dee, T.S. and Jacob, B.A. (2007). "Do High School Exit Exams Influence Educational Attainment or Labor Market Performance?" In Adam Gamoran, ed., *Standards-Based Reform and the Poverty Gap: Lessons for No Child Left Behind* Washington, D.C.: Brookings University Press.
- Dee, T.S., Jacob, B.A. and Ha, W. (2006). "The Effects of School Size on Parental Involvement and Social Capital: Evidence from the ELS:2002." In Tom Loveless and Fredrick M. Hess, eds. *Brookings Papers on Education Policy 2006*. Washington, D.C.: Brookings Institution Press.
- Ludwig, J. and Jacob, B. (2005). "Can the Federal Government Improve Education Research?" In Diane Ravitch, ed. *Brookings Papers on Education Policy 2005*. Washington, D.C.: Brookings Institution Press.
- Roderick, M. and Jacob, B. and Bryk, A. (2004). "Summer in the City: Achievement Gains in Chicago's Summer Bridge Program." In G.D. Borman and M. Boulay, eds. *Summer Learning: Research, Policies and Programs*. Mahwah, NJ: Erlbaum.
- Jacob, B. and Levitt S. (2003). "Catching Cheating Teachers: The Results of an Unusual Experiment in Implementing Theory." In William G. Gale and Janet Rothenberg Pack, eds., *Brookings-Wharton Papers on Urban Affairs 2003*. Washington, D.C.: Brookings Institution Press.
- Jacob, B. (2003). "Getting Inside Accountability: Lessons from Chicago." In William G. Gale and Janet Rothenberg Pack, eds., *Brookings-Wharton Papers on Urban Affairs 2003*. Washington, D.C.: Brookings Institution Press.
- Jacob, B. (2003). "A Closer Look at Achievement Gains under High-Stakes Testing in Chicago." In Paul E. Peterson and Martin R. West, eds., *No Child Left Behind? The Politics and Practice of School Accountability*. Washington, D.C.: The Brookings Institution.
- Roderick, M., Jacob, B. and Bryk, A. (2001). "Evaluating Chicago's Efforts to End Social Promotion." In Laurence E. Lynn and Carolyn J. Heinrich, eds., *Governance and Performance: New Perspectives*. Washington, D.C.: Georgetown University Press.

#### Other Publications

- Jacob, Brian A. (2011). "Principled Principals." *Education Next*. Fall 2011: 11(4).
- Dee, Thomas and Brian A. Jacob (2010). Evaluating NCLB." *Education Next*. Summer 2010: 10(3).
- Jacob, B. and Lefgren, L. (2007). "In Low-Income Schools, Parents Want Teachers who Teach." *Education Next*. Summer.
- Jacob, B. and Lefgren, L. (2006). "When Principals Rate Teachers." *Education Next*. Spring.

Jacob, B. and Levitt, S. (2004). "To Catch a Cheat." *Education Next*. Winter.

Jacob, B. (2003). "High Stakes in Chicago: Are Chicago's Rising Test Scores Genuine?" *Education Next*. Winter.

### Working Papers

Dee, Thomas S., Dobbie, Will, Jacob, Brian, and Rockoff, Jonah (2016). "The Causes and Consequences of Test Score Manipulation: Evidence from the New York State Regents Exam." National Bureau of Economic Research working paper #22165.

Jacob, B., Rockoff, J, Taylor, E., Lindy, B. and Rosen, R. (2016). "Teacher Applicant Hiring and Teacher Performance: Evidence from DC Public Schools." National Bureau of Economic Research working paper #22054.

Jacob, B., Dynarski, S., Frank, K. and Schneider, B. (2016). "Are Expectations Alone Enough? Estimating the Effect of a Mandatory College-Prep Curriculum in Michigan." National Bureau of Economic Research working paper #22013.

Bahr, Peter et al. (2015). "Labor Market Returns to Community College Awards: Evidence from Michigan." Working paper.

Dee, Thomas S., Dobbie, Will, Jacob, Brian, McCrary, Justin and Rockoff, Jonah (2011). "Manipulation on the NYS Regents Exam." Working paper.

Jacob, B. and Springer, M.G. (2007). "Teacher Attitudes on Pay for Performance: A Pilot Study." National Center on Performance Incentives Working Paper #2007-06. Nashville, TN: Vanderbilt University.

Jacob, B. (2006). "Test-Based Accountability and Student Achievement: An Investigation of Differential Performance on NAEP and State Assessments." NBER Working Paper #12817.

### **FELLOWSHIPS AND AWARDS**

UM Faculty Recognition Award, 2011

David N. Kershaw Award, 2008

Young Faculty Leaders in Education Forum, 2002

HUD Urban Scholars Postdoctoral Fellow, 2002

APPAM Dissertation Award (honorable mention), 2002

Spencer Foundation Dissertation Fellowship, 2000

Irving B. Harris Fellowship, University of Chicago, 1996-1997

National Urban Fellowship, 1992-1993

John Harvard and Harvard College Scholarships, 1989-1991

### **RESEARCH FUNDING**

Alfred P. Sloan Foundation, 2015-2016. \$486,501. Principal Investigator, "The Relationship Between Behavior Nudges and Intrinsic Motivation by Conducting Field Experiments."

U.S. Department of Education, 2015-2018, \$1,596,937, Principal Investigator, “Virtual courses: The introduction and expansion of virtual schooling in Florida and its effects on student academic outcomes.”

Community Service Commission, Michigan Department of Human Service, 2014-2015, \$50,000, Principal Investigator, “Investigating the effect of promising literacy instruction programs and the Literacy Corps delivery model.”

Excellent Schools Detroit, 2014-2015, \$53,161, Principal Investigator, “An analysis of school effectiveness in Detroit.”

WT Grant Foundation, 2014-2016, \$298,253, Co-Investigator, “School Reforms and Educational Inequality: Regression Discontinuity Evidence from NCLB Waivers”

Spencer Foundation, 2014-2016, \$389,439, Co-Investigator, “School Reforms and Educational Inequality: Regression Discontinuity Evidence from NCLB Waivers”

Walton Family Foundation, 2013-2015, \$200,000, Principal Investigator, “An Investigation of the Potential for Online Learning to Expand Educational Choice and Improve Student Achievement”

Walton Family Foundation, 2013-2014, \$100,000, Co-Principal Investigator, “Do School Turnaround Efforts Improve Chronically Underperforming Schools? Evidence from NCLB Waivers”

UM Global Challenges Grant, 2013-2014, \$262,522, Principal Investigator, “Community College to Career: A Project to Improve the Outcomes of Low-Income Students in Career-Technical Programs”

Smith Richardson Foundation, 2011-2012, \$80,500, Principal Investigator, “Identifying Effective Teachers During the Hiring Process”

U.S. Department of Education, 2012-2015, \$1,518,000, Co-Principal Investigator, “Why are Some Charter Schools More Effective than Others? Econometric Methods and Empirical Evidence from Massachusetts, Michigan, and Texas.”

U.S. Department of Education, 2011-2016, \$1,518,000, Co-Principal Investigator, “National Research and Development Center on Postsecondary Education and Employment.”

Smith Richardson Foundation, 2011-2013, \$250,000, Co-Principal Investigator, “Measuring and Understanding the Effectiveness of Michigan Charter Schools.”

U.S. Department of Education, Institute of Education Sciences, 2011-2015, \$687,000, Co-Principal Investigator, “University of Michigan Post-doctoral Training Program in Experimental and Quasi-Experimental Methods for Education Research.”

U.S. Department of Education, Institute of Education Sciences, 2010-2015, \$6,000,000, Principal Investigator, “The Impact of the Michigan Merit Curriculum and Michigan Promise Scholarship on Student Outcomes.”

Spencer Foundation, 2010-2011, \$40,000, Principal Investigator, “Response to Market Threats: How Michigan Public Schools React to a Growing Charter School Movement.”

Centers for Disease Control, 2009-2011, \$323,000, Co-Principal Investigator, “Youth Violence and Housing Programs to Deconcentrate Poverty.”

U.S. Department of Education (via National Center for Performance Incentives), 2009-2010, \$162,000, Principal Investigator, “The Relationship between Teacher Characteristics, Teacher Attitudes Towards Merit Pay, and Student Achievement.”

Kellogg Foundation, 2009-10. \$163,000. Co-Principal Investigator. “Challenges and Opportunities in Economic and Workforce Development: A Survey of Local Officials in Michigan.”

Education Resource Strategies, 2008-10. \$103,000. Principal Investigator, “Evaluation of Teacher Effective in the Atlanta Public Schools.”

United Way for Southeastern Michigan, 2008-09. \$66,000. Principal Investigator, “Evaluating a Operation ABC: K-2<sup>nd</sup> Reading Tutoring.”

W.T. Grant Foundation, Research Grant, 2006-07. \$25,000. Principal Investigator. “An Examination of Teacher Hiring Practices in the Chicago Public Schools.”

Carnegie Foundation, Research Grant, 2006-07, \$50,000, Co-Principal Investigator. “Predicting Teacher Effectiveness.”

Spencer Foundation, Research Grant, 2006-07. \$50,000. Co-Principal Investigator. “Predicting Teacher Effectiveness.”

W.T. Grant Foundation, Research Grant, 2005-07. \$370,000. Co-Principal Investigator. “Can Non-Experimental Estimators Replicate the Results from Social Experiments: New Evidence from a Housing Voucher Lottery.”

U.S. Department of Education, NAEP Secondary Analysis Grant, 2003-04 (Grant #: R902B030024), \$77,000, Principal Investigator. “Test-Based Accountability and Student Achievement: An Investigation of Differential Performance Trends on NAEP and State Assessments.”

Smith Richardson Foundation, Research Grant, 2003-04, \$362,000, Co-Principal Investigator. “The Impact of Neighborhoods on Low-Income Families: Evidence from a Randomized Housing Voucher Program.”

Joint Northwestern/University of Chicago Poverty Center Small Grant, 2002-03, \$30,000, Co-Principal Investigator. “The Effects of Housing Vouchers on Low-Income Families: Evidence from a Randomized Lottery for Section 8 Vouchers.”

U.S. Department of Housing and Urban Development (HUD), Urban Scholars Postdoctoral Fellow, 2002-04, \$54,000. (Fellowship Programs/HUD, TJ2041) “The Effects of Housing Vouchers on Low-Income Families: Evidence from a Randomized Lottery for Section 8 Vouchers.”



Harvard University, Milton Fund Grant, 2002-2003, \$34,000, Principal Investigator. “The Impact of Public Housing and Housing Vouchers on the Educational and Social Outcomes of Children: An Investigation of Public-Housing Demolitions in Chicago.”

## **FORMER STUDENTS**

Eric Taylor (2015 PhD, School of Education, Stanford University), Assistant Professor, Harvard Graduate School of Education

Jonathan Hershaff (2015 PhD, Department of Economics, University of Michigan), Securities and Exchange Commission

Justin Ladner (2015 PhD, Department of Economics, University of Michigan), CNA - Center for Naval Analysis

Daniel Kreisman (2014 Postdoc, Ford School of Public Policy), Assistant Professor, Department of Economics, Georgia State University

Rachel Rosen (2014 Postdoc, Ford School of Public Policy), Research Associate, MDRC

Francie Streich, (2014 PhD, Department of Economics and Public Policy, University of Michigan), Research Scientist, Wilder Foundation, Minneapolis, MN

Steve Hemelt (2013 Postdoc, Ford School of Public Policy), Assistant Professor, Department of Public Policy, University of North Carolina at Chapel Hill

Joshua Hyman, (2013 PhD, Department of Economics and Public Policy, University of Michigan), Assistant Professor, Department of Economics, University of Connecticut

Nathaniel Schwartz (2013 PhD, School of Education, University of Michigan), Director, Office of Research and Policy, Tennessee Department of Education

Rob Garlick (2013 PhD, Department of Economics and Public Policy, University of Michigan), Assistant Professor, Department of Economics, Duke University

Brad Hershbein (2012 PhD, Department of Economics, University of Michigan), Upjohn Institute

Elias Walsh (2011 PhD, Department of Economics and Public Policy, University of Michigan), Mathematica Policy Research

Jessica Goldberg (2011 PhD, Department of Economics and Public Policy, University of Michigan), Assistant Professor, Department of Economics, University of Maryland

Brendan Epstein (2011 PhD, Department of Economics, University of Michigan), Federal Reserve Board International Finance Division

Xinsheng Shi (2010 PhD, Department of Economics, University of Michigan), Assistant Professor, Tsinghua University (China)

Adam Cole (2010 PhD, Department of Economics, University of Michigan), Analyst, Treasury Department

Judith Scott-Clayton (2009 PhD, Kennedy School of Government, Harvard University), Assistant Professor, Teachers College, Columbia University

Mimi Engel (2008 PhD, School of Education and Social Policy, Northwestern University), Assistant Professor, Peabody College of Education, Vanderbilt University

Alex Resch (2008 PhD, Department of Economics and School of Public Policy, University of Michigan), Associate, Mathematica Policy Research.

Wei Ha (2007 PhD, Kennedy School of Government, Harvard University), United Nations Development Programme, Human Development Report Office, Policy Specialist

Naomi Calvo (2007 PhD, Kennedy School of Government, Harvard University), Education Resource Strategies (consulting firm)

Jennifer Schuetz (2006 PhD, Kennedy School of Government, Harvard University), Assistant Professor, Department of Economics, City University of New York (CUNY)

## **REFEREE SERVICE**

American Economic Review, American Journal of Sociology, Economics of Education Review, Educational Evaluation and Policy Analysis, Journal of Law and Economics, Journal of Political Economy, Journal of Public Economics, Journal of Policy Analysis and Management, Quarterly Journal of Economics, Review of Economics and Statistics, Sociology of Education

## **OTHER PROFESSIONAL EXPERIENCE**

Research Analyst, Consortium on Chicago School Research, Chicago, IL, 1998 – 2001  
Program Developer, Center for School Improvement, Chicago, IL 1996 – 1998  
Elementary School Teacher, Zora Neale Hurston Academy, New York, NY, 1994 – 1996  
Policy Analyst, New York City Mayor's Office, New York, NY, 1992 – 1994