# Joydeep Roy

# **Teachers College**

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#### **EDUCATION:**

Princeton University, Ph.D. in Economics, 2004

- Dissertation Title: Impact of School Finance Reform on Resource Equalization and Academic Performance: Evidence from Michigan
- Committee Members: Cecilia Rouse (Chair)
  Roland Benabou
  Jeffrey Kling

**Delhi School of Economics**, Delhi University, M.Phil. in Economics, July 1997. **Delhi School of Economics**, Delhi University, M.A in Economics, July 1995. Gold medalist

**Presidency College**, University of Calcutta, B.Sc., Economics, 1993.

#### **FIELDS OF CONCENTRATION:**

Labor Economics and Economics of Education

#### **PROFESSIONAL EXPERIENCE:**

- Columbia University, Teachers College, Visiting Professor of Economics and Education, 2010-present.
- Independent Budget Office, City of New York, Senior Economist, 2010-present
- **Economic Policy Institute**, Economist, 2004-March 2010.
- New York University, Robert F. Wagner Graduate School of Public Service, Visiting Professor, 2011.
- **Georgetown University**, Georgetown Public Policy Institute, Affiliated Associate Professor, August 2006-January 2010.

#### **PUBLICATIONS:**

- "Effect of Constraints on Tiebout Competition: Evidence from the Michigan School Finance Reform", (with Rajashri Chakrabarti), **Regional Studies**, 51(5), 2017.
- "Do Charter Schools Crowd Out Private School Enrollment? Evidence from Michigan," (with Rajashri Chakrabarti), Journal of Urban Economics, 91, 88-103, 2016.
- "Housing Markets and Residential Segregation: Impacts of the Michigan School Finance Reform on Inter- and Intra-district Sorting" (with Rajashri Chakrabarti), **Journal of Public Economics**, 122, 110-132, 2015.
- "Did Cuts in State Aid during the Great Recession Lead to Changes in Local Property Taxes?" (with Rajashri Chakrabarti and Max Livingston). **Education Finance and Policy** 9(4), 2014.
- "The Compensation Question: Are public school teachers underpaid? (with Jason Richwine, Andrew Biggs and Lawrence Mishel), **Education Next**, Vol. 12, No. 4, Fall 2012.
- "Impact of School Finance Reform on Resource Equalization and Academic Performance: Evidence from Michigan," **Education Finance and Policy,** Spring 2011, Vol. 6, No. 2, Pages 137-167.
- "Using Administrative Data to Estimate Graduation Rates: Challenges, Proposed Solutions and their Pitfalls" (with Lawrence Mishel), **Education Policy Analysis Archives**, Volume 16, Number 11, June 4, 2008
- "Accurately Assessing High School Graduation Rates" (with Lawrence Mishel), **Phi Delta Kappan**, Volume 88, Number 04, December 2006, 287-292.
- "The Economics of Parental Choice" (with Rajashri Chakrabarti), for Patrick J. McEwan and Dominic Brewer (eds.) **International Encyclopedia of Education,** Amsterdam: Elsevier, 2010.
- "The Hidden Costs of the Housing Crisis: The Long-Term Impact of Housing Affordability and Quality on Young Children's Odds of Success" (with Elaine Weiss and Melissa Maynard), The Partnership for America's Economic Success and The Pew Charitable Trusts Report, October 2008.

# **BOOKS**

- Redesigning Teacher Pay: A System for the Next Generation of Educators (co-ed. with Sean Corcoran), Economic Policy Institute, Washington DC, September 2009.
- Teachers, Performance Pay, and Accountability: What Education Should Learn From Other Sectors (co-ed. with Sean Corcoran), Economic Policy Institute, Washington DC, May 2009.
- Rethinking High School Graduation Rates and Trends (with Lawrence Mishel), Economic Policy Institute, Washington DC, April 2006.

# **NEW YORK CITY REPORTS**

- From Grades 3 to 8: Tracing Changes in Achievement Gaps by Race & Gender in New York City Public Schools, Schools Brief, Independent Budget Office, New York City, December 2017.
- Preferences and Outcomes: A Look at New York City's Public High School Choice Process, *Schools Brief*, Independent Budget Office, New York City, October 2016.
- Advanced Courses & Regents Exams in Middle School: Demographics of the Students Who Take Them & Their Schools, Independent Budget Office, New York City, March 2016.
- New York State Student Achievement Test Results: New York City Public Schools No Longer Lag Rest of the State, Schools Brief, Independent Budget Office, New York City, February 2016.
- Analysis of the Potential Cost of Providing Tuition-Free Community College at CUNY for New York City Residents, Memorandum, Independent Budget Office, New York City, November 12, 2015.
- New York City Public School Indicators: Demographics, Resources,
  Outcomes, Annual Report 2014, Independent Budget Office, New York City, July 2014.
- Demographics and Work Experience: A Statistical Portrait of New York City's Public School Teachers, *Schools Brief*, Independent Budget Office, New York City, May 2014.

- Staying or Going? Comparing Student Attrition Rates at Charter Schools with Nearby Traditional Public Schools, Schools Brief, Independent Budget Office, New York City, January 2014.
- New York City Public School Indicators: Demographics, Resources,
  Outcomes, Annual Report 2013, Independent Budget Office, New York City, May 2013.
- New York City Public School Indicators: Demographics, Resources,
  Outcomes, Annual Report 2011, Independent Budget Office, New York City,
  September 2011.

#### **EDUCATION & ECONOMIC POLICY REPORTS**

- Review of Back to the Staffing Surge: The Great Teacher Salary Stagnation and the Decades-Long Employment Growth in American Public Schools (with William J. Mathis), National Education Policy Center, July 5, 2017.
- Review of The School Staffing Surge: Decades of Employment Growth in America's Public Schools, Part II, National Education Policy Center, March 26, 2013.
- Review of The School Staffing Surge: Decades of Employment Growth in America's Public Schools, National Education Policy Center, December 14, 2012.
- Review of How School Choice Can Create Jobs for South Carolina, National Education Policy Center, January 14, 2010.
- Financial Benefits, Financial Barriers: Challenges Confronting College Students From Working Families, Economic Policy Institute, August, 2007.
- Advantage None: Re-Examining Hoxby's Finding of Charter School Benefits (with Lawrence Mishel), Economic Policy Institute Brief #158, April, 2005.

# **WORKING PAPERS & WORKS IN PROGRESS:**

- "Redistributing Educational Attainment: Evidence from an Unusual Policy Experiment in India". Revise and Resubmit, Journal of Development Economics.
- "Getting Ahead by Spending More? Local Community Response to State Merit Aid Programs," (with Rajashri Chakrabarti), Federal Reserve Bank of New York Working Paper, 2015.

- "Merit Aid, Student Mobility and the Role of College Selectivity (with Rajashri Chakrabarti) Federal Reserve Bank of New York Staff Report Number 641, 2013.
- "Leading Students to the Water and Making Them Drink? Mandating Versus Subsidizing College Entrance Tests," (with Rajashri Chakrabarti).
- "The Ambitious Generations? Participation and Performance in College Entrance Tests since 1970".
- Effect of Redrawing of Political Boundaries on Voting Patterns: Evidence from State Reorganization in India, mimeo, Federal Reserve Bank of New York, 2006.
- "Assessing High School Outcomes: A New Framework," Columbia University Working Paper, 2015.
- "Birds of the Same Feather? Exploring Turnover and Attrition across Teachers in Private Schools and Traditional Public Schools," Economic Policy Institute, 2014.
- "Why do teachers leave? And what do they do once they do so? Understanding Teacher Turnover from the SASS and the TFS surveys," Economic Policy Institute, 2014.
- "Measuring the Effect of Foreign Aid on Growth and Poverty Reduction or The Pitfalls of Interaction Variables" (with Catherine A. Pattillo and Jacques J. Polak), IMF Working Paper No. 07/145, International Monetary Fund, June 1, 2007.
- "A Game Theoretic Approach to Early Admissions in U.S. Colleges: Strategic Interactions and the Equity-Efficiency Tradeoff," with Rajashri Chakrabarti

#### **SELECTED MEDIA CITATIONS:**

- Alex Zimmerman, "New York City's racial achievement gaps widen as students get older, report finds," **Chalkbeat**, December 5, 2017.
- David Cantor, "New Study of 70,000 NYC Kids Shows Achievement Gaps Widening Over Time — Except for Asian Students," The 74Million, December 5, 2017.
- Kirsten Hinck, "High school choice in New York City," **Flypaper** (Fordham Institute Education blog), November 16, 2016.
- Catherine Gewertz, "Does High School Choice Really Expand Students' Options?,"
  Education Week, October 25, 2016.

- Monica Disare, "Strong students from weak middle schools often don't try for New York City's top high schools, new report shows," **Chalkbeat**, October 21, 2016.
- Roger Altman and Robert Hughes, "How to Make Choosing the Right School Easier," **The New York Times**, December 6, 2015.
- Elizabeth A. Harris, "More Special-Needs Students Remain at Charter Schools, Report Finds," **The New York Times**, January 29, 2015.
- Holly Yettick, "Spending Hikes Found to Benefit Poor Students." Education Week, June 4, 2014.
- Andrea Gabor, "Charter School Refugees," The New York Times, April 4, 2014.
- Ben Chapman, "Charters' 'special' gap," New York Daily News, 10 January 2014
- Andy Soltis, "Charter kids staying put," **New York Post**, 10 January 2014.
- Al Baker, "City Study Tracks Transfers by Charter School Students," The New York Times, January 9, 2014.
- Sean Cavanagh, "Michigan Policy Helped Poor Districts Academically, Not Rich Ones, Study Says," **Education Week**, May 5, 2011.
- Michael Thomas, "Lawsuit against Florida schools gets political, misses target,"
  Orlando Sentinel, November 22, 2009.
- Debra Viadero, "'Race to Top' Said to Lack Key Science," **Education Week**, October 7, 2009.
- Leah Fabel, "Local school systems among tops in nation," **The Washington Examiner**, June 9, 2009.
- Susan Campbell, "Why Do Charter Schools Close," **The Hartford Courant**, April 16, 2009.
- Drum, Kevin, "The Amazing Rise of High School Math," CBS News.com, August 20, 2008.
- Education Week, "Reaction to Diplomas Count 2008," June 24, 2008.
- Eduwonkette, "Should We Count on Diplomas Count," **Education Week**, June 4, 2008.
- Schmidt, Peter, "Report Faults Many 'P-16' Councils as Ineffective," **The Chronicle of Higher Education**, June 4, 2008.
- Rhonda Meyer, "Choice in P-16 initiatives," **Phi Delta Kappan**, Vol. 89, No. 7, March 2008.
- April Castro, "Schools Debate Classroom Spending Rules," The Associated Press, August 15, 2006
- Derrick Z. Jackson, "Who's really graduating?," **The Boston Globe**, June 28, 2006, Section A.
- Gerald W. Bracey, "Dropping in on dropouts," **Phi Delta Kappan**, Vol. 87, No. 10, June 2006.
- Jay Mathews, "Dropout Data Raise Questions on 2 Fronts," **The Washington Post**, May 23, 2006, Section A.

- Peter Schrag, "Our huge dropout rate: Another great school myth?," **The Sacramento Bee** (California), May 3, 2006.
- Carl Bialik, "The Numbers Guy," **The Wall Street Journal**, April 27, 2006.
- Debra Viadero, "Debate Over Dropouts Renewed as Scholars Issue Dueling Reports," Education Week, April 26, 2006.
- Greg Toppo, "Minorities: Failing, or doing OK?," **USA TODAY**, April 20, 2006, Page 1.
- Patrik Jonsson, "How much education funding should go directly to classrooms?" **The Christian Science Monitor**, January 25, 2006.

#### SEMINAR AND CONFERENCE PRESENTATIONS

Princeton University (2003), University of Colorado at Boulder (2004), Columbia University (2010, 2014, 2017), New York University (2012, 2013, 2014), North American Summer Meeting of the Econometric Society (2004, 2007), NCES Summer Data Conference (2004, 2005, 2009), North East Universities Development Consortium Conference (2004, 2005), North American Winter Meeting of the Econometric Society (2005), Annual Meeting of the American Economic Association (2005, 2008, 2009, 2010, 2014, 2017), American Education Finance Association Annual Conference (2005, 2006, 2007, 2008, 2009, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018), Southern Economic Association Meeting (2004, 2005, 2006, 2007, 2008), Econometric Society World Congress (2005), American Political Science Association Annual Meeting (2005, 2006), American Education Research Association Annual Conference (2006, 2007, 2008), Association for Public Policy Analysis and Management Annual Meeting (2006, 2007, 2009, 2016, 2017), Society of Labor Economists Annual Meeting (2007, 2017), NBER Summer Institute (2009), Fiscal Federalism NBER Conference (2010, 2011)

#### **FELLOWSHIPS & AWARDS:**

- MacArthur Research Network on Inequality and Economic Performance, Fellowship, 2002
- **Princeton University**, International Finance Section Fellowship, 1997-1999
- University Grants Commission, India, Junior Research Fellowship, 1995
- **Delhi School of Economics**, University of Delhi, First in M. Phil. (Economics) (Gold Medalist), 1997
- **Delhi School of Economics**, University of Delhi, First in M.A. (Economics) (Gold Medalist), 1995

#### **TEACHING EXPERIENCE:**

# Columbia University, Teachers College

• *The Economics of Higher Education, 2010-Present.* 

New York University, Robert F. Wagner Graduate School of Public Service

- The Economics of Education: Policy & Finance, Spring 2011.
- Public Finance, Summer 2011.

# Georgetown University, Georgetown Public Policy Institute

- Education Finance Reform (PPOL-805-10), Georgetown University, 2008, 2009.
- Thesis Workshop (PPOL-700), Georgetown University, 2006-2009.

# **OTHER PROFESSIONAL ACTIVITIES**

#### • <u>DISSERTATION COMMITTEE MEMBER</u>

Dong Guo, Kristin Bucceri, M. Alper Dincer, Yuxin Lin

#### • REFEREE:

Review of Economics and Statistics, Journal of Labor Economics, Educational Researcher, Journal of Public Policy Analysis and Management, Educational Evaluation and Policy Analysis, American Educational Research Journal, Education Policy Analysis Archives, Social Forces, Education Finance and Policy, Economics of Education Review, Sociology of Education, Education Economics, Review of Educational Research, Public Finance and Management, Public Management Review, Quality Assurance in Education, American Education Research Association, Elsevier Press

#### **REFERENCES:**

Available on request