

Eric A. Hanushek

Paul and Jean Hanna Senior Fellow

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Education

1965 B.S. (Distinguished Graduate) U.S. Air Force Academy

1968 Ph.D. (Economics) Massachusetts Institute of Technology
 Thesis: "The Education of Negroes and Whites"

Learned Societies

American Economic Association
American Education Finance Association
 (Board of Directors, 2006-2009)
Association for Public Policy Analysis and Management
 (Policy Council, 1981-85; vice president, 1986-87; president, 1988-89)
Econometric Society
Society of Labor Economists
 (Fellow, 2006-)
American Educational Research Association
 (Fellow, 2008-)
International Institute of Public Finance

Honors

Fellow, International Academy of Education, 1997
 (Board of Directors, 2002- 2008)
Fellow, Society of Labor Economists, 2006
Member, National Academy of Education, 2006
Fellow, American Educational Research Association, 2008
Fordham Prize for Excellence in Education (distinguished scholarship), 2004

Military Service

U.S. Air Force, 1965-74

Academic Experience

- 2000- Paul and Jean Hanna Senior Fellow, Hoover Institution, Stanford University
- Professor (by courtesy) of Education (2001-)
 Senior Fellow (by courtesy), Stanford Center for International Development [SCID], Stanford Institute for Economic Policy Research [SIEPR], (2003-)
 Professor (by courtesy) of Economics (2004-)
- 2003- Chairman, Executive Board, Texas Schools Project, University of Texas at Dallas
- 2000- Senior Research Fellow, University of Texas at Dallas
- 1999- Member, Koret Task Force on K-12 Education, Hoover Institution, Stanford University
- 1995- Research Associate, National Bureau of Economic Research
- 2006- Research Professor, Ifo Institute for Economic Research (University of Munich)
- 2013- Research Fellow, Institute for the Study of Labor (IZA)
- 2013- Member, Council of Academic Advisers, American Enterprise Institute
- 2008- Member, Management Team, Center for Analysis of Longitudinal Data in Education Research (CALDER)
- 2008- Area coordinator, Economics of Education, CESifo Research Network
- 2006-2008 Member, Scientific Advisory Council, Ifo Institute for Economic Research
- 1978-2000 Professor of Economics and Political Science, University of Rochester
- Director, W. Allen Wallis Institute of Political Economy (1991-99)
 Professor of Public Policy (1992-2000)
 Senior Research Associate, Rochester Center for Economic Research (1984- ; Director, 1994-99)
 Chairman, Department of Economics (1982-87; 1988-90; 1991-93)
- 1999-2000 Distinguished Visiting Fellow, Hoover Institution, Stanford University
- 1994 Visiting Fellow, Australian National University
- 1975-78 Associate Professor, Department of Economics and Institution for Social and Policy Studies, Yale University
- 1974 Lecturer, Virginia Polytechnic Institute (Reston Campus)
- 1968-73 Associate Professor of Economics, U.S. Air Force Academy (Assistant Professor, 1969-71; Instructor, 1968-69)

1970-71 Research Associate, J.F. Kennedy School of Government, Harvard University

Government Experience

2011-2013 Commissioner, **Equity and Excellence Commission**, U.S. Department of Education

2004-2010 Member, Board of Directors, National Board for Education Sciences Chair, 2008- 2010

2008-2010 Member, Council of Economic Advisors, California

2007 Member, Governor's Commission for a College Ready Texas, Texas

2006 Chair, NCLB Growth Model Pilot Peer Review, U.S. Department of Education

2005-2008 Member, **Governor's Committee on Education Excellence**, California

2002-2006 Member, Independent Review Panel, National Assessment of Title I, U.S. Department of Education

2001-05 Member, NCES Finance Technical Review Committee, U.S. Department of Education

2002 Member, Advisory Council on Education Statistics, U.S. Department of Education

1994-98 Member, Board of Economic Advisors, New York State Assembly

1994-95 Member, Technical Panel on Trends and Issues in Retirement Savings, Advisory Council on Social Security

1987-95 Consultant, U.S. Department of Education

1986-89 Consultant, U.S. Commission on Civil Rights

1987-89 Chairman, Technical Advisory Panel, Congressional Budget Office

1985-87 Member, Panel of Economic Advisers, Congressional Budget Office

1983-85 Deputy Director, Congressional Budget Office

1974 Systems Analyst, Military Airlift Command, U.S. Air Force

1973-74 Senior Economist, Cost of Living Council

1971-72 Senior Staff Economist, Council of Economic Advisers

Other Experience

2011- Director, CollegeSpring (formerly SEE College Prep)

2010- Member, Education Reform Advisory Group, George W. Bush Institute

2010- Director, GreatSchools

2007- Member, Review Board for Broad Prize for Urban Education

2000-01 Member, Committee on Scientific Principles of Education Research, National Academy of Sciences/National Research Council

2000 Member, Historic Preservation Commission, Town of Brighton, NY

- 1998-2001 Member, Panel on Data and Methods for Measuring the Effects of Changes in Social Welfare Programs, National Academy of Sciences/National Research Council
- 1992-98 Member, Committee on National Statistics, National Academy of Sciences/National Research Council
- 1993-97 Chairman, Panel on Retirement Income Modeling, National Academy of Sciences/National Research Council
- 1990-94 Chairman, Panel on the Economics of Educational Reform (PEER)
- 1984-95 Consultant, The World Bank
- 1992 Chairman, Blue Ribbon Commission on Monroe County Finances, Monroe County, NY
- 1988-91 Chairman, Panel to Evaluate Microsimulation Models for Social Welfare Programs, National Academy of Sciences/National Research Council
- 1977-83 Consultant, Mathematica Policy Research
- 1976-78 Member, Mayor's Task Force on Education, New Haven, CT
- 1975-77 Senior Research Associate, Institute for Demographic and Economic Studies
- 1975-77 Consultant, Abt Associates
- 1972-74 Member, RFF-Academy for Contemporary Problems, Metropolitan Governance Research Committee
- 1969-73 Consultant, The Rand Corporation

Invited Lectures

Vilfredo Pareto Lecture, Collegio Carlo Alberto, 2013

Harris Lecture, Clemson University, 2013

Waino Pihl Lecture, Wayne State University, 2012

Distinguished Scholar Lecture, Martin School of Public Policy, University of Kentucky, 2010

Giblin Lecture, University of Tasmania, 2009

Hannah Lecture, Michigan State University, 2009

Gilbert Memorial Lecture, University of Rochester, 2008

Spencer Foundation Distinguished Lecture, Association for Public Policy Analysis and Management, 2005

Sweat Lecture, Georgia State University, 2005

Birger Lecture, Tufts University, 2005

Lee Hysan Lecture, Chinese University of Hong Kong, 2004

Askwith Lecture, Harvard University, 2003

Reilly Lecture, Louisiana State University, 2002

Mullen Lecture, University of Maryland, Baltimore County, 1999

Saks Memorial Lecture, Vanderbilt University, 1996

Editorial Activities

- 2013- Co-Editor, *CESifo Economic Studies*
- 2007- Associate Editor, *Journal of Human Capital*
- 2005- Editorial Board, *Education Finance and Policy*
- 2000- Editorial Board, *Education Next*
- 1982- Editorial Board, *Economics of Education Review*
- 1978- Advisory Editor, *Social Science Research*
- 2004-2010 Co-editor, *Education Policy Series*, International Academy of Education/International Institute for Educational Planning, UNESCO
- 2002-2008 Editorial Board, *Fundamentals of Educational Planning*, UNESCO
- 2003-2007 Associate Editor, *Economic Bulletin*
- 1995-2002 Associate Editor, *Review of Economics and Statistics*
- 1997- 2001 Editorial Board, *Educational Evaluation and Policy Analysis*
- 1994-2001 Editorial Board, *Journal of Policy Analysis and Management*
- 1994-96 Editorial Board, *Socio-Economic Planning Sciences*
- 1991-97 Associate Editor, *Regional Science and Urban Economics*
- 1990-95 Editorial Board, *Journal of Economic Education*
- 1992-95 Advisory Board, *American Journal of Education*
- 1990-94 Co-editor, *Journal of Human Resources*
- 1987-1989 Associate Editor, *Evaluation Review*

PUBLICATIONS

Books

Endangering Prosperity: A Global View of the American School (with Paul E. Peterson and Ludger Woessmann). *Washington, DC: Brookings Press, 2013, 147 pages.*

Handbook of the Economics of Education, Volume 4 (co-editor with Stephen J. Machin and Ludger Woessmann). *Amsterdam: North Holland, 2011, 708 pages.*

Handbook of the Economics of Education, Volume 3 (co-editor with Stephen J. Machin and Ludger Woessmann). *Amsterdam: North Holland, 2010, 616 pages.*

Schoolhouses, Courthouses, and Statehouses: Solving the Funding-Achievement Puzzle in America's Public Schools (with Alfred A. Lindseth). *Princeton University Press, 2009, 432 pages.*

Handbook of the Economics of Education, Volume 2 (co-editor with Finis Welch). *Amsterdam: North Holland, 2006, 742 pages.*

Handbook of the Economics of Education, Volume 1 (co-editor with Finis Welch). *Amsterdam: North Holland, 2006, 700 pages.*

Courting Failure: How School Finance Lawsuits Exploit Judges' Good Intentions and Harm our Children (editor). *Stanford: Education Next Books, 2006, 366 pages.*

Institutional Models in Education: Legal Framework and Methodological Aspects for a New Approach to the Problem of School Governance (co-editor with Enrico Gori, Daniele Vidoni and Charles Glenn). *Nijmegen, Netherlands: Wolf Legal Publishers, 2006, 243 pages.*

The Economics of Schooling and School Quality - Volume II: Efficiency, Competition, and Policy (editor). *London: Edward Elgar Publishing Ltd., 2003.*

The Economics of Schooling and School Quality - Volume I: Labor Markets, Distribution, and Growth (editor). *London: Edward Elgar Publishing Ltd., 2003, 976 pages.*

Assessing Policies for Retirement Income: Needs for Data, Research, and Models (co-editor with Constance F. Citro). *Washington, DC: National Academy Press, 1997, 256 pages.*

Improving America's Schools: The Role of Incentives (co-editor with Dale W. Jorgenson). *Washington, DC: National Academy Press, 1996, 280 pages.*

Assessing Knowledge of Retirement Behavior (co-editor with Nancy L. Maritato). *Washington, DC: National Academy Press, 1996, 288 pages.*

Modern Political Economy: Old Topics, New Directions (co-editor with Jeffrey S. Banks).

New York: Cambridge University Press, 1995, 283 pages.

Making Schools Work: Improving Performance and Controlling Costs. Washington, DC: The Brookings Institution, 1994, 200 pages.

Educação Rural: Lições do Edurural (with João Batista F. Gomes Neto, Ralph W. Harbison, and Raimundo Hélio Leite). *São Paulo: Editora da Universidade de São Paulo, 1994, 236 pages.*

Educational Performance of the Poor: Lessons from Rural Northeast Brazil (with Ralph W. Harbison). *New York: Oxford University Press, 1992, 362 pages.*

Improving Information for Social Policy Decisions: The Uses of Microsimulation Modeling - Volume II: Technical Papers (co-editor with Constance F. Citro). *Washington, DC: National Academy Press, 1991, 368 pages.*

Improving Information for Social Policy Decisions: The Uses of Microsimulation Modeling - Volume I: Review and Recommendations (co-editor with Constance F. Citro). *Washington, DC: National Academy Press, 1991, 360 pages.*

Statistical Methods for Social Scientists (with John E. Jackson). *New York: Academic Press, 1977, 374 pages.*

Education and Race: An Analysis of the Educational Production Process. Lexington, MA: D.C. Heath, 1972, 176 pages.

Articles

Is Location Fate? Distributional Aspects of Schooling In Gregory K. Ingram and Daphne A. Kenyon (ed.). *Education, Land, and Location*, Cambridge, MA: Lincoln Institute of Land Policy, 2014, 25-16.

U.S. Students from Educated Families Lag in International Tests. Education Next, 14(4), Fall 2014.

Land Use Controls, Fiscal Zoning, and the Local Provision of Education. Public Finance Review, forthcoming.

Institutional Structures of the Education System and Student Achievement: A Review of Cross-country Economic Research (with Ludger Woessmann). In Rolf Strietholt, Wilfried Bos, Jan-Eric Gustafsson, and Monica Rosen (ed.). *Educational Policy Evaluation through International Comparative Assessments*, Munster, Germany: Waxman, 2014, 145-175.

Borrowing Constraints, College Aid, and Intergenerational Mobility (with Charles Ka Yui Leung and Kuzey Yilmaz). *Journal of Human Capital*, 8(1), Spring 2014, 1-41.

Boosting Teacher Effectiveness In Chester E. Finn Jr. and Richard Sousa (ed.). *What lies*

ahead for america's children and their schools, Stanford, CA: Hoover Institution Press, 2014, 23-35.

School resources and educational outcomes in developing countries: A review of the literature from 1990 to 2010 (with Paul W. Glewwe, Sarah D. Humpage, and Renato Ravina). In Paul Glewwe (ed.). *Education Policy in Developing Countries*, Chicago: University of Chicago Press, 2013, pp. 13-64.

Schools and location: Tiebout, Alonso, and governmental finance policy (with Kuzey Yilmaz). *Journal of Public Economic Theory*, 15(6), December 2013, 829-855.

Economic Growth in Developing Countries: The Role of Human Capital. *Economics of Education Review*, 37, December 2013, 204-212.

Does School Autonomy Make Sense Everywhere? Panel Estimates from PISA (with Susanne Link and Ludger Woessmann). *Journal of Development Economics*, 104, September 2013, 212-232.

School Leaders Matter: Measuring the impact of effective principals (with Gregory F. Branch and Steven G. Rivkin). *Education Next*, 13(1), Winter 2013, pp. 62-69.

Financing Schools In John Hattie and Eric M. Anderman (ed.). *International Guide to Student Achievement*, New York: Routledge, 2013, pp. 134-136.

Do Better Schools Lead to More Growth? Cognitive Skills, Economic Outcomes, and Causation (with Ludger Woessmann). *Journal of Economic Growth*, 17(4), December 2012, 267-321.

The Cost of Ignorance In Norberto Bottani and Daniele Checchi (Ed.). *La Sfida Della Valutazione*, Bolgna, IT: Società Editrice il Mulino, 2012, pp. 39-46.

Schooling, Educational Achievement, and the Latin American Growth Puzzle (with Ludger Woessmann). *Journal of Development Economics*, 99(2), November 2012, pp. 497-512.

The Distribution of Teacher Quality and Implications for Policy (with Stephen G. Rivkin). *Annual Review of Economics*, 4, September 2012, pp. 131-157.

Is the U.S. catching up? International and state trends in student achievement (with Paul E. Peterson and Ludger Woessmann). *Education Next*, 12(4), Fall 2012, pp. 24-33.

The Role of International Assessments of Cognitive Skills in the Analysis of Growth and Development (with Ludger Woessmann), In Matthias von Davier, Eugenio Gonzalez, Irwin Kirsch, and Kentaro Yamamoto (Ed.). *The Role of International Large-Scale Assessments: Perspectives from Technology, Economy, and Educational Research*, Dordrecht, Netherlands: Springer, 2012, 47-65.

Achievement growth: International and state trends in student achievement (with Paul E. Peterson and Ludger Woessmann). *PEPG Report No. 12-03*, July 2012.

[A flawed analysis of unrepresentative state achievement data.](#) *Educational Policy*, 26(3), May 2012, 360-368.

[Education quality and economic growth](#) In Brendan Miniter (ed.). *The 4 percent solution: Unleashing the economic growth America needs*, New York: Crown Business, 2012, pp. 227-239.

[Grinding the Antitesting Ax: More bias than evidence behind NRC panel's conclusions.](#) *Education Next*, Spring 2012, pp. 49-55.

[The Economic Benefit of Educational Reform in the European Union](#) (with Ludger Woessmann). *CESifo Economic Studies*, 58(1), March 2012, pp. 73-109.

[Are U.S. Students Ready to Compete?](#) (with Paul E. Peterson, Ludger Woessmann, and Carlos Xabel Lastra-Anadón). *Education Next*, 11(4), Fall 2011, pp. 51-59.

[Urban education, location, and opportunity in the United States](#) (with Kuzey Yilmaz). In Nancy Brooks, Kieran Donaghy, and Gerrit-Jan Knaap (ed.). *Oxford Handbook of Urban Economics and Planning*, Oxford: Oxford University Press, 2011, pp. 583-615.

[Globally Challenged: Are U.S. Students Ready to Compete?](#) (with Paul E. Peterson, Ludger Woessmann, and Carlos Xabel Lastra-Anadón). *PEPG Report No. 11-03*, Cambridge, MA: Program on Education Policy and Governance, Harvard University, August 2011.

[Private Schools and Residential Choices: Accessibility, Mobility, and Welfare](#) (with Sinan Sarpa and Kuzey Yilmaz). *B.E. Journal of Economic Analysis & Policy (Contributions)*, 11(1) article 44, 2011, pp. 1-32.

[How Much Do Educational Outcomes Matter in OECD Countries?](#) (with Ludger Woessmann). *Economic Policy*, 26(67), July 2011, pp. 427-491.

[Valuing Teachers: How Much is a Good Teacher Worth?](#) *Education Next*, 11(3), Summer 2011, pp. 40-45.

[The Economic Value of Higher Teacher Quality.](#) *Economics of Education Review*, 30(3), June 2011, pp. 466-479.

[Teaching Math to the Talented: Which Countries - and States - are Producing High-Achieving Students?](#) (with Paul E. Peterson and Ludger Woessmann) *Education Next*, Winter 2011, pp. 10-18.

[Paying Teachers Appropriately](#) In Darrel Drury and Justin Baer (ed.). *The American Public School Teacher: Past, Present, and Future*, (Cambridge, MA: Harvard Education Press), 2011, pp. 109-118.

[Sample Selectivity and the Validity of International Student Achievement Tests in Economic Research](#) (with Ludger Woessmann). *Economics Letters*, 110(2), February 2011, pp. 79-82.

The Economics of International Differences in Educational Achievement (with Ludger Woessmann) in Eric A. Hanushek, Stephen Machin and Ludger Woessmann (ed.). *Handbook of the Economics of Education, Vol. 3, Amsterdam: North Holland, 2011, pp. 89-200.*

How well do we understand achievement gaps? *Focus, 27(2), Winter 2010, pp. 5-12.*

U.S. Math Performance in Global Perspective: How Well Does Each State Do at Producing High-Achieving Students? (with Paul E. Peterson and Ludger Woessmann) *PEPG Report No. 10-19, Cambridge, MA: Program on Education Policy and Governance, Harvard University, November 2010.*

The Difference is Teacher Quality in Karl Weber (ed.). *Waiting for "Superman": How We Can Save America's Failing Public Schools. New York: Public Affairs, 2010, pp. 81-100.*

An Effective Teacher in Every Classroom: A lofty goal, but how to do it (with Kati Haycock). *Education Next, 10(3), Summer 2010, pp. 46-52.*

The Quality and Distribution of Teachers under the No Child Left Behind Act (with Steven G. Rivkin). *Journal of Economic Perspectives, 24(3), Summer 2010, pp. 133-150.*

Generalizations about Using Value-Added Measures of Teacher Quality (with Steven G. Rivkin). *American Economic Review, 100(2), May 2010, pp. 267-271.*

Education and Economic Growth (with Ludger Woessmann) in Dominic J. Brewer and Patrick J. McEwan (ed.). *Economics of Education (Amsterdam: Elsevier, 2010), 2010, pp. 60-67.*

Education Production Functions: Developed Countries Evidence in Dominic J. Brewer and Patrick J. McEwan (ed.). *Economics of Education (Amsterdam: Elsevier, 2010), 2010, pp. 132-136.*

The High Cost of Low Educational Performance: The Long-Run Impact of Improving PISA Outcomes (with Ludger Woessmann). *Paris: Organization for Economic Cooperation and Development, 2010, pp. 1-55.*

Teacher Deselection in Dan Goldhaber and Jane Hannaway (ed.). *Creating a New Teaching Profession, Washington, DC: Urban Institute Press, 2009, pp. 165-180.*

Does Pollution Increase School Absences? (with Janet Currie, E. Megan Kahn, Matthew Neidell, and Steve G. Rivkin). *Review of Economics and Statistics, 91(4), November 2009, pp. 683-694.*

School Policy: Implications of Recent Research for Human Capital Investments in South Asia and Other Developing Countries. *Education Economics, 17(3), September 2009, pp. 291-313.*

Many Schools Are Still Inadequate: Now what? (with Alfred A. Lindseth and Michael A.

Rebel). *Education Next*, 9(4), Fall 2009, pp. 49-56.

New Evidence about Brown v. Board of Education: The Complex Effects of School Racial Composition on Achievement (with John F. Kain and Steven G. Rivkin). *Journal of Labor Economics*, 27(3), July 2009, pp. 349-383.

Harming the Best: How Schools Affect the Black-White Achievement Gap (with Steven G. Rivkin). *Journal of Policy Analysis and Management*, 29(3), Summer 2009, pp. 366-393.

Quality-Consistent Estimates of International Schooling and Skill Gradients (with Lei Zhang). *Journal of Human Capital*, 3(2), Summer 2009, pp. 107-143.

The Economic Value of Education and Cognitive Skills In Gary Sykes, Barbara Schneider and David N. Plank (eds.). *Handbook of Education Policy Research*, New York: Routledge, 2009, pp. 39-56.

Getting Down to Facts: School Finance and Governance in California (with Susanna Loeb and Anthony Bryk). *Education Finance and Policy*, 3(1), Winter 2008, pp. 1-19.

The Role of Cognitive Skills in Economic Development (with Ludger Woessmann). *Journal of Economic Literature* 2008, 46(3), 2008, pp. 607-668.

Do Students Care about School Quality? Determinants of Dropout Behavior in Developing Countries (with Victor Lavy and Kohtaro Hitomi). *Journal of Human Capital*, 2(1), 2008, pp. 69-105.

Education Production Functions In Steven N. Durlauf and Lawrence E. Blume (eds.). *The New Palgrave Dictionary of Economics*, Basingstoke: Palgrave Macmillan, 2008.

What Do Cost Functions Tell Us About the Cost of an Adequate Education? (with Robert Costrell and Susanna Loeb). *Peabody Journal of Education*, 83(2), 2008, pp. 198-223.

Incentives for Efficiency and Equity in the School System. *Perspektiven der Wirtschaftspolitik*, 9 (Special Issue), 2008, pp. 5-27.

Education and Economic Growth: It's not Just Going to School but Learning That Matters (with Dean T. Jamison, ELliot A. Jamison and Ludger Woessmann). *Education Next*, 8(2), Spring 2008, pp. 62-70.

The Effects of Education Quality on Mortality Decline and Income Growth (with Eliot A. Jamison and Dean T. Jamison). *Economics of Education Review*, 26(2), December 2007, pp. 772-789.

The Single Salary Schedule and Other Issues of Teacher Pay. *Peabody Journal of Education*, 82(4), October 2007, pp. 574-586.

The Alchemy of 'Costing Out' an Adequate Education In Martin R. West and Paul E. Peterson (eds.). *School Money Trials: The Legal Pursuit of Educational Adequacy*,

Washington, D.C.: Brookings Institution Press, 2007, pp. 77-101.

[Education Quality and Economic Growth](#) (with Ludger Woessmann) Washington, DC: World Bank, July 2007, 27 pages.

[The Confidence Men: Selling Adequacy, Making Millions.](#) *Education Next*, 7(3), Summer 2007, pp. 73-78.

[Charter School Quality and Parental Decision Making with School Choice](#) (with John F. Kain, Steven G. Rivkin, and Gregory F. Branch). *Journal of Public Economics*, 91(5-6), June 2007, pp. 823-848.

[Some U.S. Evidence on how the Distribution of Educational Outcomes can be Changed In](#) Ludger Woessmann and Paul E. Peterson (ed.). *Schools and the Equal Opportunity Problem*, Cambridge, MA: MIT Press, 2007, pp. 159-190.

[Pay, Working Conditions, and Teacher Quality](#) (with Steven G. Rivkin). *Future of Children*, 17(1), Spring 2007, pp. 69-96.

[The Economic Benefits of Improved Teacher Quality](#) In Nils C. Soquel and Pierre Jaccard (ed.). *Governance and Performance of Education Systems*, Dordrecht, Netherlands: Springer, 2007, pp. 107-135.

[Teacher Quality](#) (with Steven G. Rivkin) in Eric A. Hanushek and Finis Welch (ed.). *Handbook of the Economics of Education, Volume 2*, Amsterdam: North Holland, 2006, pp. 1052-1078.

[School Resources](#) In Eric A. Hanushek and Finis Welch (Ed.). *Handbook of the Economics of Education, Volume 2*, Amsterdam: North Holland, 2006, pp. 865-908.

[Is There Hope for Expanded School Choice?](#) In Robert C. Enlow and Lenore T. Ealy *Liberty and Learning: Milton Friedman's Voucher Idea at Fifty*, Washington, DC: Cato Institute, 2006, pp. 67-79.

[Alternative School Policies and the Benefits of General Cognitive Skills.](#) *Economics of Education Review*, 25(4), August 2006, pp. 447-462.

[The Complementarity of Tiebout and Alonso](#) (with Kuzey Yilmaz). *Journal of Housing Economics*, 16(2), August 2006, pp. 243-261.

[Science Violated: Spending Projections and the "Costing Out" of an Adequate Education in](#) Eric A. Hanushek (ed.). *Courting Failure: How School Finance Lawsuits Exploit Judges' Good Intentions and Harm Our Children*, Stanford, CA: Education Next Books, 2006, pp. 257-311.

[Introduction: Good Intentions Captured – School Funding Adequacy and the Courts](#) in Eric A. Hanushek (ed.). *Courting Failure: How School Finance Lawsuits Exploit Judges' Good Intentions and Harm Our Children*, Stanford, CA: Education Next Books, 2006, pp. xiii-

xxxii.

[Early Returns from School Accountability](#) (with Margaret E. Raymond). in Paul E. Peterson (ed.). *Generational Change: Closing the Test Score Gap*, Lanham, MD: Rowman and Littlefield, 2006, pp. 143-166.

[More Accountability or More Resources: The US Experience with NCLB](#) (with Margaret E. Raymond). In Enrico Gori, Daniele Vidoni, Eric A. Hanushek and Charles Glenn (ed.). *Institutional Models in Education: Legal Framework and Methodological Aspects for a New Approach to the Problem of School Governance*, (Nijmegen, Netherlands: Wolf Legal Publishers), 2006, pg. 69-80.

[School Accountability and Student Performance](#) (with Margaret E. Raymond). *Regional Economic Development*, Federal Reserve Bank of St. Louis, 2(1), March 2006, pp. 51-61.

[Teacher Compensation](#) in Paul E. Peterson (ed.). *Reforming Education in Florida*, 2006, pp. 149-163.

[Does Educational Tracking Affect Performance and Inequality? Differences-in-Differences Evidence across Countries](#) (with Ludger Woessmann). *The Economic Journal*, 116(150), March 2006, pp. C63-C76.

[The Economic Value of Improving Public Schools](#). *Proceedings of Federal Reserve Bank of Cleveland Research Conference, November 18-19, 2004*, Cleveland: Federal Reserve Bank of Cleveland, 2005, pp. 59-72.

[Economic Outcomes and School Quality](#). *Education Policy Series*, Volume 4. Paris: International Institute for Educational Planning and International Academy of Education}, 2005.

[Pseudo-Science and a Sound Basic Education: Voodoo Statistics in New York](#). *Education Next*, 5(4), Fall 2005.

[The Economics of School Quality](#). *German Economic Review*, 6(3), August 2005, pp. 269-286.

[Why Quality Matters in Education](#). *Finance and Development*, 42(2), June 2005, pp.15-19.

[Education and Training](#) (with Michael Mertaugh). In Nicholas Barr (ed.). *Labor Markets and Social Policy in Central and Eastern Europe: The Accession and Beyond*, Washington, DC: The World Bank, 2005, pp. 207-251.

[Teachers, Schools, and Academic Achievement](#) (with Steven G. Rivkin and John F. Kain). *Econometrica*, 73(2), March 2005, pp. 417-458.

[Does School Accountability Lead to Improved Student Performance?](#) (with Margaret E. Raymond). *Journal of Policy Analysis and Management*, 24(2), Spring 2005, pp. 298-327.

[Why the Federal Government Should Be Involved in School Accountability](#). *Journal of Policy Analysis and Management*, 24(1), Winter 2005, pp. 168-172.

[United States Lessons about School Accountability](#). *CESifo DICE Report*, 2(4), Winter 2004, pp. 27-32.

[The Revolving Door](#) (with John F. Kain and Steven G. Rivkin). *Education Next*, 4(1), Winter 2004, pp. 77-82.

[Disruption versus Tiebout Improvement: The Costs and Benefits of Switching Schools](#) (with John F. Kain and Steven G. Rivkin). *Journal of Public Economics*, 88(9), August 2004, pp. 1722-1746.

[The Toughest Battleground: Schools](#) In Mark A. Wynne, Harvey Rosenblum and Robert L. Formaini (ed.). *The legacy of Milton and Rose Friedman's Free to Choose: Economic liberalism at the turn of the twenty first century*, Dallas, TX: Federal Reserve Bank of Dallas, 2004, pp. 21-35.

[What If There Are No 'Best Practices'?](#) *Scottish Journal of Political Economy*, 51(2), May 2004, pp. 156-172.

[Shopping for Evidence Against School Accountability](#) (with Margaret E. Raymond). In William J. Fowler, Jr. (ed.). *Developments in School Finance: 2003*, (Washington, DC: National Center for Education Statistics), 2004, pp. 119-130.

[The Effect of School Accountability Systems on the Level and Distribution of Student Achievement](#) (with Margaret E. Raymond). *Journal of the European Economic Association*, 2(2-3), May 2004, pp. 406-415.

[How to Improve the Supply of High Quality Teachers](#) (with Steven G. Rivkin). *Brookings Papers on Education Policy: 2004*, 2004, pp. 7-44.

[Why Public Schools Lose Teachers](#) (with John F. Kain and Steven G. Rivkin). *The Journal of Human Resources*, 39(2), Spring 2004, pp. 326-354.

[Opportunities, Race, and Urban Location: The Influence of John Kain](#) (with Edward L. Glaeser and John M. Quigley). *Journal of Urban Economics*, 56(1), 2004.

[Economic Analysis of School Quality](#). *European Economy: Quality and Efficiency in Education*, Special Report No 3. Brussels: Directorate-General for Economic and Financial Affairs, European Commission, 2004, pp. 29-48.

[Redistribution through Education and Other Transfer Mechanisms](#) (with Charles Ka Yui Leung and Kuzey Yilmaz). *Journal of Monetary Economics*, 50(8), November 2003, pp. 1719-1750.

[Does Peer Ability Affect Student Achievement?](#) (with John F. Kain, Jacob M. Markman, and Steven G. Rivkin). *Journal of Applied Econometrics*, 18(5), October 2003, pp. 527-

544.

[Efficiency and Equity in Schools around the World](#) (with Javier A. Luque). *Economics of Education Review*, 22(5), October 2003, pp. 481-502.

[High Stakes Research](#) (with Margaret E. Raymond). *Education Next*, 3(3), Summer 2003, pp. 48-55.

[Lessons about the Design of State Accountability Systems](#) (with Margaret E. Raymond). In Paul E. Peterson and Martin R. West (ed.). *No Child Left Behind? The Politics and Practice of Accountability*, Washington, DC: Brookings, 2003, pp. 126-151.

[Does Public School Competition Affect Teacher Quality?](#) (with Steven G. Rivkin). In Caroline Minter Hoxby (ed.) *The Economics of School Choice*, Chicago: University of Chicago Press, 2003, pp. 23-47.

[Improving Educational Quality: How Best to Evaluate Our Schools](#) (with Margaret E. Raymond). In Yolanda Kodrzycki (ed.). *Education in the 21st Century: Meeting the Challenges of a Changing World*, Boston, MA: Federal Reserve Bank of Boston, 2003, pp. 193-224.

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