

Eric A. Hanushek

Paul and Jean Hanna Senior Fellow
Stanford University

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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

- Yidan Prize for Education Research, 2021
- 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 Experience

1965-74 US Air Force (Captain)

Academic Experience

2000-	Paul and Jean Hanna Senior Fellow, Hoover Institution, Stanford University <ul style="list-style-type: none">• Professor (by courtesy) of Education (2001-)• Senior Fellow (by courtesy), Stanford Center for International Development [SCID], Stanford Institute for Economic Policy Research [SIEPR], (2003-2023)• Professor (by courtesy) of Economics (2004-2007)
2023-	Founder, Africa Fellows in Education Program , Global Education Analytics Institute
2020-	Member, Council of Luminaries, Yidan Foundation
2019-	Chairman, Hoover Education Success Initiative, Stanford University
2019-	Co-Director, International Comparative Educational Policy Laboratory, ifo Institute
2003-	Chairman, Executive Board, Texas Schools Project, University of Texas at Dallas
2000-2024	Senior Research Fellow, University of Texas at Dallas
1995-	Research Associate, National Bureau of Economic Research
2006-	Research Professor, Ifo Institute for Economic Research (University of Munich)
2013-	Research Fellow, IZA Institute of Labor Economics
2008-	Member, Management Team, Center for Analysis of Longitudinal Data in Education Research (CALDER)
2008-	Area coordinator, Economics of Education, CESifo Research Network
2017-2018	John H. Makin Visiting Scholar, American Enterprise Institute (AEI)
2013-2016	Member, Council of Academic Advisers, American Enterprise Institute
1999-2015	Member, Koret Task Force on K-12 Education, Hoover Institution, Stanford University
2006-2008	Member, Scientific Advisory Council, Ifo Institute for Economic Research
1978-2000	Professor of Economics and Political Science, University of Rochester <ul style="list-style-type: none">• Founding Director, W. Allen Wallis Institute of Political Economy (1991-99)• Professor of Public Policy (1992-2000)• Senior Research Associate, Rochester Center for Economic Research (1984-2000; 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

1975-1978	Associate Professor, Department of Economics and Institution for Social and Policy Studies, Yale University
1974	Lecturer, Virginia Polytechnic Institute (Reston Campus)
1968-1973	Associate Professor of Economics, U.S. Air Force Academy (Assistant Professor, 1969-71; Instructor, 1968-69)
1970-1971	Research Associate, J.F. Kennedy School of Government, Harvard University

Government Experience

2019-2023	Member, National Assessment Governing Board
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
2001-2005	Member, NCES Finance Technical Review Committee, U.S. Department of Education
2002	Member, Advisory Council on Education Statistics, U.S. Department of Education
1994-1998	Member, Board of Economic Advisors, New York State Assembly
1994-1995	Member, Technical Panel on Trends and Issues in Retirement Savings, Advisory Council on Social Security
1987-1995	Consultant, U.S. Department of Education
1986-1989	Consultant, U.S. Commission on Civil Rights
1987-1989	Chairman, Technical Advisory Panel, Congressional Budget Office
1985-1987	Member, Panel of Economic Advisers, Congressional Budget Office
1983-1985	Deputy Director, Congressional Budget Office
1974	Systems Analyst, Military Airlift Command, U.S. Air Force
1973-1974	Senior Economist, Cost of Living Council

1971-1972	Senior Staff Economist, Council of Economic Advisers
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Other Experience

2023	President, Global Education Analytics Institute
2015-	Global Economic Adviser, LearnCapital
2011-2015	Director, CollegeSpring (formerly SEE College Prep)
2010-2015	Member, Education Reform Advisory Group, George W. Bush Institute
2010-2015	Director, GreatSchools
2007-2015	Member, Review Board for Broad Prize for Urban Education
2007	Member, Committee on Social Science Research Evidence on Racial Diversity in Schools , National Academy of Education
2000-2001	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
1992-1998	Member, Committee on National Statistics, National Academy of Sciences/National Research Council
1993-1997	Chairman, Panel on Retirement Income Modeling , National Academy of Sciences/National Research Council
1990-1994	Chairman, Panel on the Economics of Educational Reform (PEER)
1984-1995	Consultant, The World Bank
1992	Chairman, Blue Ribbon Commission on Monroe County Finances, Monroe County, NY
1988-1991	Chairman, Panel to Evaluate Microsimulation Models for Social Welfare Programs , National Academy of Sciences/National Research Council
1977-1983	Consultant, Mathematica Policy Research
1976-1978	Member, Mayor's Task Force on Education, New Haven, CT
1975-1977	Senior Research Associate, Institute for Demographic and Economic Studies
1975-1977	Consultant, Abt Associates
1972-1974	Member, RFF-Academy for Contemporary Problems, Metropolitan Governance

1969-1973	Consultant, The Rand Corporation
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Invited Lectures

Goldsmith Lecture, Australian National University, 2023

IIMA-SRK Annual Lecture, Indian Institute of Management Ahmedabad, 2020

Leaders and Luminaries Lecture, University of Texas at Dallas, 2019

City University Distinguished Lecture, City University of Hong Kong, 2018

Spring Distinguished Speaker, Crane Center, The Ohio State University, 2016

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

2024	Editorial Board, AEFPP Live Handbook
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2016-	Editorial Board, <i>Chinese Economics of Education Review</i>
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2015-	Editorial Advisory Board, <i>Journal of Professional Capital and Community</i>
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2013-	Co-Editor, <i>CESifo Economic Studies</i>
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2007-	Associate Editor, <i>Journal of Human Capital</i>
2005-	Editorial Board, <i>Education Finance and Policy</i>
2000-	Editorial Board, <i>Education Next</i>
1982-	Editorial Board, <i>Economics of Education Review</i>
1978- 2015	Advisory Editor, <i>Social Science Research</i>
2004- 2010	Co-editor, <i>Education Policy Series</i> , International Academy of Education/International Institute for Educational Planning, UNESCO
2002- 2008	Editorial Board, <i>Fundamentals of Educational Planning</i> , UNESCO
2003- 2007	Associate Editor, <i>Economic Bulletin</i>
1995- 2002	Associate Editor, <i>Review of Economics and Statistics</i>
1997- 2001	Editorial Board, <i>Educational Evaluation and Policy Analysis</i>
1994- 2001	Editorial Board, <i>Journal of Policy Analysis and Management</i>
1994- 1996	Editorial Board, <i>Socio-Economic Planning Sciences</i>
1991- 1997	Associate Editor, <i>Regional Science and Urban Economics</i>
1990- 1995	Editorial Board, <i>Journal of Economic Education</i>
1992- 1995	Advisory Board, <i>American Journal of Education</i>
1990- 1994	Co-editor, <i>Journal of Human Resources</i>
1987- 1989	Associate Editor, <i>Evaluation Review</i>

Publications

Books and Monographs

[Handbook of the Economics of Education, Volume 7](#). (co-editor with Stephen J. Machin and Ludger Woessmann). Amsterdam: North Holland. 2023.

[Handbook of the Economics of Education, Volume 6.](#) (co-editor with Stephen J. Machin and Ludger Woessmann). Amsterdam: North Holland. 2023.

[Handbook of the Economics of Education, Volume 5.](#) (co-editor with Stephen J. Machin and Ludger Woessmann). Amsterdam: North Holland. 2016.

[Universal Basic Skills: What countries stand to gain.](#) (with Ludger Woessmann). Paris: OECD Publishing, 110 pages. 2015.

[The Knowledge Capital of Nations: Education and the Economics of Growth.](#) (with Ludger Woessmann)., Cambridge, MA: MIT Press, 262 pages. 2015.

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

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

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

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

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

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

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

[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, 243 pages. 2006.

[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., 976 pages. 2003.

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

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

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

[Modern Political Economy: Old Topics, New Directions.](#) (co-editor with Jeffrey S. Banks). New York: Cambridge University Press, 283 pages. 1995.

[Making Schools Work: Improving Performance and Controlling Costs](#) Washington, DC: The Brookings Institution, 200 pages. 1994.

[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, 236 pages. 1994.

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

[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, 368 pages. 1991.

[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, 360 pages. 1991.

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

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

Articles

[Patience and Subnational Differences in Human Capital: Regional Analysis with Facebook Interests](#). (with Lavinia Kinne, Pietro Sancassani, and Ludger Woessmann). *Economic Journal*. September 2025.

[State Differences in Pathways to School Leadership and in Achievement Growth](#). (with Steven G. Rivkin, Wes Austin, Bengie Chen, Dan Goldhaber, Kris Holden, Cory Koedel, Helen Ladd, Jin Luo, Eric Parsons, Gregory Phelan, Tim Sass, and Mavzuna Tureava). *Economics of Education Review*. September 2025.

[Understanding Trends in Chinese Skill Premiums, 2007-2018](#). (with Yuan Wang and Lei Zhang). *Journal of Comparative Economics*, 53 (June), 584–608. June 2025.

[School Finance and the Courts: Equity and Adequacy](#). In Douglas N. Harris (ed.). *AEFP Live Handbook*. March 2025.

[Age and Cognitive Skills: Use It or Lose It](#). (with Lavinia Kinne, Frauke Witthöft, and Ludger Woessmann). *Science Advances*, 11(10). March 2025.

[The Power of Performance Pay: Smarter teacher retention and accelerated student achievement in Dallas](#). (with Minh Nguyen, Ben Ost, and Steven Rivkin). *Education Next*, 25(2). February 2025.

[United States: The Size and Variation of the Pandemic Learning Losses](#). (with Bradley Strauss). In Nuno Crato and Harry Patrinos (ed.). *Improving National Education Systems After COVID-19: Moving Forward After PIRLS 2021 and PISA 2022*, Springer, 189-203. October 2024.

[Employer Learning and the Dynamics of Returns to Universities: Evidence from Chinese Elite Education during University Expansion](#). (with Sylvie Démurger and Lei Zhang). *Economic Development and Cultural Change*, 73(1), 339-379. October 2024.

[Toward a Potential Grand Bargain for the Nation](#). (with G. William Hoagland, Douglas Holtz-Eakin, Glenn Hubbard, Maya MacGuineas, Richard V. Reeves, Robert D. Reischauer, Gerard Robinson, Isabele V.

Sawhill, Diane Schanzenbach, Richard Schmalensee, Michael R. Strain, and C. Eugene Steuerle). Grand Bargain Committee. July 2024.

[Contexts of Convenience: Generalizing from Published Evaluations of School Finance Policies](#). (with Danielle V. Handel). *Evaluation Review*, 48(3), 461–494. June 2024.

[Testing](#). (with Annika B. Bergbauer and Ludger Woessmann). *Journal of Human Resources*, 59(2), 349–388. March 2024.

[A Global Perspective on US Learning Losses](#). (with Bradley Strauss). Hoover Education Success Initiative. February 2024.

[Global Universal Basic Skills: Current Deficits and Implications for World Development](#). (with Sarah Gust and Ludger Woessmann). *Journal of Development Economics*, 166, 103205. January 2024.

[Performance Information and Personnel Decisions in the Public Sector: The Case of School Principals](#). (with Julie Berry Cullen, Gregory Phelan, and Steven G. Rivkin). *Journal of Human Resources*, 59(1). January 2024.

[Some Evolving Issues in K–12 Education](#). In Michael J. Boskin (ed.). *American Federalism Today: Perspectives on Political and Economic Governance*, 179–202. January 2024.

[Fixing Schools Through Finance](#). In Stephen L. Bowen and Margaret E. Raymond (ed.). *A Nation at Risk +40*, Stanford, CA: Hoover Institution, 161–179. December 2023.

[Incidence and Outcomes of School Finance Litigation: 1968–2021](#). (with Matthew Joyce-Wirtz). *Public Finance Review*, 56(6), 741–781. November 2023.

[Academic mobility in U.S. public schools: Evidence from nearly 3 million students](#). (with Wes Austin David Figlio, Dan Goldhaber, Tara Kilbride, Cory Koedel, Jaeseok Sean Lee, Jin Lou, Umut Özek, Eric Parsons, Steven G. Rivkin, Tim R. Sass, Katharine O. Strunk). *Journal of Public Economics*, 228, 105016. November 2023.

[U.S. School Finance: Resources and Outcomes](#). (with Danielle Victoria Handel) in Eric A. Hanushek, Stephen Machin and Ludger Woessmann (ed.). *Handbook of the Economics of Education*, Vol. 7, Amsterdam: North Holland, 143–226. August 2023.

[The Economic Cost of the Pandemic: State by State](#). Hoover Education Success Initiative. January 2023.

[Long-run Trends in the U.S. SES-Achievement Gap](#). (with Paul E. Peterson, Laura M. Talpey, and Ludger Woessmann). *Education Finance and Policy*, 17(4), 608–640. October 2022.

[Patience, Risk-Taking, and Human Capital Investment across Countries](#). (with Lavinia Kinne, Philipp Lertgiporner, and Ludger Woessmann). *Economic Journal*, 132 (646), pp. 2290–2307. May 2022.

[The Basic Skills Gap](#). (with Ludger Woessmann). *Finance & Development*, 59(2), pp. 50–53. April 2022.

[Residential Location and Education in the United States](#). (with Kuzey Yilmaz). In Charles K.Y. Leung (ed.). *Handbook of Real Estate and Macroeconomics*, Edward Elgar Publishing, pp. 106–136. April 2022.

[The Political Economy of ILSAs in Education: The Role of Knowledge Capital in Economic Growth](#). (with Ludger Woessmann). *International Handbook of Comparative Large-Scale Studies in Education*, Springer. November 2021.

[Budgeting During and For Recovery](#). In Margaret E. Raymond (ed.). *How to Improve our Schools in the*

Post-COVID Era, Stanford, CA: Hoover Institution. May 2021.

[Does the World Change for Teachers?](#). In Margaret E. Raymond (ed.). How to Improve our Schools in the Post-COVID Era, Stanford, CA: Hoover Institution. May 2021.

[Addressing Cross-national Generalizability in Educational Impact Evaluation](#). International Journal of Educational Development, 80, 102318. January 2021.

[United States: The Uphill Schools' Struggle](#). In Nuno Crato (ed.). Improving a Country's Education: PISA 2018 Results in 10 Countries, Cham, Switzerland: Springer, pp. 227-247. December 2020.

[The Economic Impacts of Learning Losses](#). (with Ludger Woessmann). Organisation for Economic Co-operation and Development. September 2020.

[Test-Based Accountability in Distressed Times](#). (with Chester E. Finn Jr.). The State Education Standard, September 20(3), pp. 13-17. September 2020.

[A quantitative look at the economic impact of the European Union's educational goals](#). (with Ludger Woessmann). Education Economics, 28(3), 225-244. May 2020.

[Education, Knowledge Capital, and Economic Growth](#). (with Ludger Woessmann). In Steve Bradley and Colin Green (ed.). Economics of Education, 2nd Edition, London: Academic Press, pp. 171-182. February 2020.

[The Unavoidable: Tomorrow's Teacher Compensation](#). Hoover Education Success Initiative. January 2020.

[Quality Education and Economic Development](#). In Brajesh Panth and Rupert Maclean (ed.). Anticipating and Preparing for Emerging Skills and Jobs: Key Issues, Concerns, and Prospects, Singapore: Springer, pp. 25-32. January 2020.

[Education Production Functions](#). in Steve Bradley and Colin Green (ed.). Economics of Education, 2nd Edition , London: Academic Press, pp. 161-170. January 2020.

[The Value of Smarter Teachers: International Evidence on Teacher Cognitive Skills and Student Performance](#). (with Marc Piopiunik and Simon Wiederhold). Journal of Human Resources, 54(4), pp. 857-899. December 2019.

[Knowledge Capital and Economic Growth](#). (with Ludger Woessmann). In Rolf Becker (ed.). Research Handbook on the Sociology of Education, Cheltenham, UK: Edward Elgar Publishing, pp. 476-497. October 2019.

[The Fall of Educational Productivity and Policy Paralysis](#). In Lindsay M. Burke and Jonathan Butcher (ed.). The Not-So-Great Society, Washington, DC: Heritage Foundation, pp. 45-51. October 2019.

[The Achievement Gap Fails to Close: Half Century of testing shows persistent divide between haves and have-nots](#). (with Paul E. Peterson, Laura M. Talpey, and Ludger Woessmann). Education Next, 19(3), pp. 8-17. May 2019.

[Testing, Accountability and the American Economy](#). ANNALS of the American Academy of Political and Social Science, 683, 110-128. May 2019.

[Do Smarter Teachers Make Smarter Students? International Evidence on Teacher Cognitive Skills and Student Performance](#). (with Marc Piopiunik and Simon Wiederhold). Education Next, 19(2) , pp. 57-64.

February 2019.

[Volkswirtschaftliche Folgen von Bildungsarmut: Was ein Entwicklungsziel „Grundkompetenzen für alle“ erreichen könnte.](#) (with Ludger Woessmann). In Gudrun Quenzel and Klaus Hurrelmann (ed.). Handbuch Bildungsarmut, Springer VS, pp. 547-554. January 2019.

[Education and the Growth-Equity Trade-off.](#) In Charles Hulten and Valerie Ramey (ed.). Education, Skills and Technical Change: Implications for Future U.S. GDP Growth, Chicago: University of Chicago Press, pp. 293-312. January 2019.

[Missouri's Economic Future Lies with School Reform.](#) Missouri Policy Journal, 6, pp. 23-38. June 2018.

[Economic Gains from Educational Reform by US States.](#) (with Jens Ruhose and Ludger Woessmann). Journal of Human Capital, 11(4), pp. 447-486. December 2017.

[Knowledge Capital and Aggregate Income Differences: Development Accounting for U.S. States.](#) (with Jens Ruhose and Ludger Woessmann). American Economic Journal: Macroeconomics, 9(4) , pp. 184-224. November 2017.

[Defining Productivity in Education: Issues and Illustrations.](#) (with Elizabeth Ettema). The American Economist, 65(2), pp. 165-183. October 2017.

[Coping with Change: International Differences in the Returns to Skills.](#) (with Guido Schwerdt, Simon Wiederhold, and Ludger Woessmann) . Economic Letters, 153, pp. 15-19. April 2017.

[General Education, Vocational Education, and Labor-Market Outcomes over the Life-Cycle.](#) (with Guido Schwerdt, Ludger Woessmann, and Lei Zhang). Journal of Human Resources, 52(1), pp. 49-88. February 2017.

[For Long Term Economic Development, Only Skills Matter.](#) IZA World of Labor, 343. January 2017.

[Skills, Mobility, and Growth.](#) (with Ludger Woessmann). In Alexandra Brown, David Buchholz, Daniel Davis, and Arturo Gonzalez (ed.). Economic Mobility: Research & Ideas on Strengthening Families, Communities & the Economy, St. Louis, MO: Federal Reserve Bank of St. Louis and the Board of Governors of the Federal Reserve System, pp. 423-449. December 2016.

[School Resources and Student Achievement: A Review of Cross-Country Economic Research.](#) (with Ludger Woessmann). In Monica Rosén, Kajsa Yang Hansen, and Ulrika Wolff (ed.). Cognitive Abilities and Educational Outcomes: A Festschrift in Honour of Jan-Eric Gustafsson, Springer, pp. 149-171. December 2016.

[Dynamic Effects of Teacher Turnover on the Quality of Instruction.](#) (with Steven G. Rivkin and Jeffrey C. Schiman). Economics of Education Review, 55, pp. 132-148. December 2016.

[Will more higher education improve economic growth?](#) Oxford Review of Economic Policy, 32(4), pp. 538-552. October 2016.

[Education Reform.](#) In Scott W. Atlas, Jesús Fernández-Villaverde, Eric A. Hanushek, Edward P. Lazear, Lee Ohanian, Joshua D. Rauh, and Frank A. Wolak. Economic Policy Challenges Facing California's Next Governor, Stanford, CA: Hoover Institution Press, pp. 19-23. October 2016.

[Education and the Nation's Future.](#) In George P. Shultz (ed.). Blueprint for America, Stanford, CA: Hoover Institution Press, pp. 89-108. July 2016.

[It Pays to Improve School Quality](#). (with Jens Ruhose and Ludger Woessmann). *Education Next*, 16(3), pp. 16-24. June 2016.

[Knowledge Capital, Growth, and the East Asian Miracle](#). (with Ludger Woessmann). *Science*, 351(6271), pp. 344-345. January 2016.

[What Matters for Achievement: Updating Coleman on the Influence of Families and Schools](#). *Education Next*, 16(2), pp. 22-30. January 2016.

[School human capital and teacher salary policies](#). *Journal of Professional Capital and Community*, 1(1), pp. 23-40. January 2016.

[The Preschool Debate: Translating Research into Policy](#). In Ingrid Gould Ellen, Edward L. Glaeser, Eric A. Hanushek, Matthew E. Kahn, and Aaron M. Renn. *The Next Urban Renaissance: How Public-Policy Innovation and Evaluation Can Improve Life in America's Cities*, New York: Manhattan Institute for Policy Research, pp. 25-40. September 2015.

[Land Use Controls, Fiscal Zoning, and the Local Provision of Education](#). (with Kuzey Yilmaz). *Public Finance Review*, 49(5), pp. 559-585. September 2015.

[Why Standard Measures of Human Capital are Misleading](#). *KDI Journal of Economic Policy*, 37(2), pp. 22-39. June 2015.

[The Economic Impact of Educational Quality](#). (with Ludger Woessmann). In Pauline Dixon, Steve Humble, and Chris Counihan (ed.). *Handbook of International Development and Education*, Cheltenham, UK: Edward Elgar Publishing, pp. 6-19. May 2015.

[Economics of Education](#). In Paul B. Baltes and Neil J. Smelser (ed.). *International Encyclopedia of the Social and Behavioral Sciences*, vol. 6, Amsterdam: Elsevier Science, pp. 4200-4208. April 2015.

[Returns to Skills around the World: Evidence from PIAAC](#). (with Guido Schwerdt, Simon Wiederhold, and Ludger Woessmann). *European Economic Review*, 73, pp. 103-130. January 2015.

[Finding the Right Focus](#). In María de Ibarrola and D.C. Phillips (ed.). *Leaders in Educational Research*, Rotterdam: Sense Publishers, pp. 93-105. September 2014.

[Achievement Gap](#). In Denis C. Phillips (ed.). *Encyclopedia of Educational Theory and Philosophy*, Los Angeles: SAGE Reference, pp. 4-7. June 2014.

[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, pp. 25-61. June 2014.

[U.S. Students from Educated Families Lag in International Tests](#). (with Paul E. Peterson and Ludger Woessmann). *Education Next*, 14(4), pp. 8-18. May 2014.

[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, pp. 145-175. April 2014.

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

[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, 23-35. January 2014.

[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, pp. 13-64. December 2013.

[Economic Growth in Developing Countries: The Role of Human Capital](#). Economics of Education Review, 37, pp. 204–212. December 2013.

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

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

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

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

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

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

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

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