

CURRICULUM VITAE
DAVID P. BAKER

Professor of Sociology, Education, and Demography

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Research website: <http://davidbakerrresearchproject.wordpress.com/>

Education: Ph.D., The Johns Hopkins University,
Baltimore, MD, 1982. Sociology.

M.S., Boston University, Boston, MA, 1975.
Communication Research.

B.A., Albion College, Albion, MI, 1974.
Psychology.

Academic Appointments:

2019- Nonresident Fellow, Global Economy and Development, Center for
Universal Education, The Brookings Institute, Washington DC

2015- Graduate Faculty, Demography

2013- Faculty Affiliate, Social Thought Program, College of Liberal Arts,
Pennsylvania State University

2010- Research Affiliate, the Group for Analysis of Development (GRADE),
Lima Peru

2014- Research Scientist, The Center for the Study of Higher Education, The
Pennsylvania State University

1998- Research Associate, Population Research Institute, The Pennsylvania State
University, University Park, PA

1997- Professor of Education, College of Education, The Pennsylvania State
University, University Park, PA

1997- Professor of Sociology, Department of Sociology, The Pennsylvania State
University, University Park, PA.

- 1989-1997 Associate Professor, Department of Sociology, The Catholic University of America, Washington, D.C.
- 1986-1989 Assistant Professor, Department of Sociology, The Catholic University of America, Washington, DC.
- 1984-1986 Visiting Assistant Professor, The Catholic University of America, Washington, DC.
- 1982-1984 Research Fellow, Max-Planck Institute for Human Development and Education, Berlin, West Germany.
Assistant Professor (part-time) University of Maryland, Berlin Program.

Administrative Appointments:

- 2012-2014 Director of Graduate Studies, Department of Education Policy Studies.
- 2002-2005 Associate Director of the Social Science Research Institute, The Pennsylvania State University.
- 2001-2002 Interim Director of the Institute for Policy Research and Evaluation, The Pennsylvania State University, University Park, PA
- 2006-2007 Program Coordinator, Comparative International Education Dual Degree Program, College of Education, Pennsylvania State University
- 2011-2014
- 1997-2000 Professor-in-Charge, Education Theory and Policy Program, College of Education, Pennsylvania State University
- 1994-1997 Senior Research Scientist (part-time), American Institutes for Research, Washington, D.C.
- 1978 Director of Research and Evaluation Unit, Passaic-Clifton Community Mental Health Center, Passaic, NJ.

Awards and Fellowships:

- 2017 Visiting Fellow, The Brookings Institute, Washington D.C.
- 2017 *The Century of Science: The Global Triumph of the Research University.* Emerald Publishing: Bingley, U.K.

Winner of the Association for the Study of Higher Education's 2017 "Award for Significant Research on International Higher Education."

PROSE Award for Excellence in Social Sciences: Education Theory (and finalist for overall award), Association of American Publishers, 2018

2016 *National Differences, Global Similarities: World Culture and the Future of Schooling* Stanford University Press:

Winner of the South Korean Ministry of Culture "2016 Sejong Book Award in Academia" (Sejong the Great was the renowned King of the Joseon Dynasty, 1397-1410).

2015 *The Schooled Society: The Educational Transformation of Global Culture.* Stanford University Press:

Winner of the American Education Research Association "2015 AERA Outstanding Book Award."

Silver Medal 2015 Independent Publisher Book Award.

2014 Invited TEDxFulbright Talk: "The Education Revolution and Our Global Future" <https://www.youtube.com/watch?v=sv3CLr84UJU>

2010 Visiting Scholar, *Wissenschaftszentrum Berlin* (Social Science Research Center of Berlin, June-July)

2013-2014 President of the Comparative International Education Society

2009 Comparative International Education Society Best of Books for the Academic Year 2008-2009, Baker, D. P., & Wiseman, A. W. *The Worldwide Transformation of Higher Education.*

2009 Elected to Sociological Research Association.

2009 Population Association of America, First Prize Research Award for "The Social Vaccine for HIV/AIDS: Examining the Effects of Education on Condom Usage in sub-Saharan Africa," with John Collins, Juan Leon and Emily Smith.

2005-06 Guest Research Scientist, Institute for Higher Education Research, The Martin Luther University in Halle-Wittenberg, Germany

- 2005-2006 Fulbright New Century Scholar for "Higher Education in the 21st Century: Global Challenge and National Response."
- 2004-2007 Harry and Marion Eberly Endowed Faculty Fellow in Education
- 2003-2004 Fulbright Senior Fellow, Max Planck Institute for Human Development, Berlin, Germany
- 2002 Outstanding International Study Award by the American Education Research Association, SIG on International Studies in Education. For Baker, D., Goesling, B. and LeTendre, G. (2002). "Socio-economic Status, School Quality, and National Economic Development: A Cross-national Analysis of the 'Heyneman-Loxley Effect' on Mathematics and Science Achievement" *Comparative Education Review* 46 (3) 291-312.
- 1999-2000 Children, Youth, and Families Consortium, The Pennsylvania State University, Faculty Fellowship.
- 2000 Elected to Phi Delta Kappa International Honor Society.
- 1996 Alpha Delta Gamma Outstanding Teacher Award, The Catholic University of America.
- 1992-1994 American Educational Research Association, Senior Fellow to U.S. Dept. of Education, National Center for Education Statistics.
- 1990 The German Marshall Fund of the United States, Research Fellow.
- 1986-1988 National Academy of Education Spencer Fellow.
- 1985 Max-Planck Institute for Human Development and Education, Berlin, Visiting Research Fellow.
- 1984 Center for Advanced Study in the Behavioral Sciences, Stanford, CA, Summer Fellow.
- 1978-1982 National Institute for Mental Health Ph.D. Training Fellowship, The Johns Hopkins University.

Selected Professional Activities:

Deputy Editor, 2016-2019, *Demography*. Flagship journal of the Population Association of America.

Recent Media Coverage of Research:

<http://www.psmag.com/nature-and-technology/more-evidence-that-intelligence-is-malleable>

<http://www.futurity.org/iq-education-intelligence-883672/>

Interview Sociology of Education Section American Sociological Association: "David P. Baker, Author, *The Schooled Society*. Fall 2014

TED x Fulbright, "The Education Revolution and Our Global Future" Spring 2014, Washington DC. <https://www.youtube.com/watch?v=sv3CLr84UJU>

Recent Invited Presentations:

"The Population Education Transition Curve: The Education-Health Gradient across Demographic Transitions." "Education, Brain Power, and World Health", June 2015.

Keynote Address: "Jobs, Labor, Credentials, and Civic Engagement in the Schooled Society: Institutional Consequences of the Education Revolution." Amsterdam Centre for Inequality Studies, University of Amsterdam February 14, 2014.

"The Robust Education Effect on Population Health: Neurological, Cognitive, Psychological, and Demographic Evidence." Robert Wood Johnson Foundation on Health and Society, Harvard School of Public Health, Oct 25, 2013.

Editorial Board, *Social Neuroscience*

International Board of Advisors, Sociedad Peruana de Investigación Educativa (Peruvian Education Research Association) (2009-)

Board Member, *Annual Review of Comparative and International Education* Advisory Board for 2010-2012

NSF Highlights Feature and Presentation to the Executive Committee of the North American Association for Environmental Educators on policy messages for American environmental educators from OECD 57 nation report: *Green at 15? How 15-year-olds Perform in Environmental Science and Geoscience* (Baker et al. 2009)

Series Editor, *International Perspectives on Education and Society (Annual Review of Comparative Research on Education)*. Oxford, UK: Elsevier Science Ltd. (2004-2008)

Presented "The Social and Economic Benefits of Public Education." At 2008 Pennsylvania Education Finance Symposium, Harrisburg PA November 20, 2008.

Editorial Board, *Review of Research in Education*, American Education Research Association/Sage Publications, 2006-present.

Technical Expert Design Group, Organization for Economic Co-operation and Development (OECD), Cross-national Survey of Teachers and Learning and Instruction (TALIS), Paris, 2004-present.

Technical Expert Design Group, Organization for Economic Co-operation and Development (OECD), PISA, Paris, 2004-present.

Presentation, "Recommendations and Future Scenarios for the Super Research University" to the United Nations Education, Scientific, Cultural Organization, hosted by the U.S. State Department's Bureau of Educational and Cultural Affairs, Permanent Mission of the U.S. to UNESCO, Paris, October 2006

Presentation, "National Curricula and Cross-National Achievement in Mathematics and Science" at the 2nd Annual IEA Research Conference, the Brookings Institute, Washington D.C., November 2006.

Keynote Presentation, "The Super Research University and the Schooled Society: Synergy, Paradoxes, and Scenarios for the Future." The Council of Graduate Schools Annual Meeting, Washington D.C., 2006

Participate, Meeting of Fulbright New Century Scholars, Cairo Egypt, March 2006

Baker, D., Series Senior Editor, *International Perspectives on Education and Society*. Oxford, UK: Elsevier Science Ltd.:

Senior Associate Editor, *American Journal of Education* 2005-present.

Board Member, Comparative International Education Society, 2004-2007, 2010-2014.

Chair, Sociology of Education Section, American Sociological Association, 2000-2001.

Senior Advisor to U.S. Board on International Comparative Studies in Education, National Research Council, Conference on "Next Steps for TIMSS," 1998.

Advisor, National Research Council/National Academy of Sciences, Board on Testing and Assessment, National Academies' Center, Woods Hole, MA, 1997.

Technical Design Group, National Longitudinal Survey of Schools for Evaluation of New Provisions in Title I, U.S. Department of Education, 1997

Editorial Board for *Teachers College Record*, 1995-2001.

Consultant for The World Bank on worldwide secondary education development. (various projects, 1988-1995)

Consultant to Chilean Government on secondary education quality and funding, 1994.

Senior Advisor to “Asia Regional Secondary Education Seminar” Japan International Cooperation Agency and The World Bank, Tokyo, 1993.

“IEA Third International Mathematics and Science Study” NCES, U.S. Dept. of Education. 1991-1994, Consultant.

Design Team for Developing an International Education Statistical Unit for the National Center for Education Statistics, U.S. Department of Education, 1993.

“Confidentiality of National Education Data” Committee on National Statistics, National Academy of Sciences, 1991, Consultant.

“Planning Conference for the Third International Math and Science Study” NCES, U.S. Dept. of Education, 1991, Consultant.

“Individual Development and Social Change,” Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 1984.

“Seminar on Comparative Organizational Research,” Wissenschaftskolleg in Berlin (Institute for Advanced Study Berlin) 1983.

Selected Scholarship In-Progress or Under Review (available upon request):

Baker, D. “Is a ‘Smarter’ Human Changing the World’s Population? Rethinking the Education Revolution.”

Robbins, T. & Baker, D. “Proto-Religion as an Extended Phenotype: An Ecological Model of Religion as an Emergent Property of *Homo sapiens*.”

Publications:

Books

11. Powell, J., Baker, D., and F. Fernandez, (Eds.) (2017). *The Century of Science: The Global Triumph of the Research University*. Emerald Publishing: Bingley, U.K.

2017 Winner of Association for the Study of Higher Education’s Award for Significant Research on International Higher Education.

2018 PROSE Award for Excellence in Social Sciences: Education Theory (and finalist for overall award), Association of American Publishers.

10. Baker, D. (2014) *The Schooled Society: The Educational Transformation of Global Culture*. Palo Alto CA: Stanford University Press.

Winner of American Education Research Association Outstanding Book Award 2015 and Silver Medal 2015 Independent Publisher Book Award.

Translated and published May 2018 by Pakyoungsa Press (박영사), Seoul, Korea (www.pybook.co.kr).

Winner “2019 Sejong Book Award in Academia” by the South Korean Ministry of Culture, (Sejong the Great was the renowned and accomplished King of the Joseon Dynasty, 1397-1410).

9. Baker, D., and G., LeTendre (2005) *National Differences, Global Similarities: World Culture and the Future of Schooling*. Stanford CA: Stanford University Press.

Translated and published 2010 by Pham Tan Hoang Son, Vietnam and 2015 by Education Science Press (교육과학사), Seoul Korea.

Winner “2016 Sejong Book Award in Academia” by the South Korean Ministry of Culture, (Sejong the Great was the renowned and accomplished King of the Joseon Dynasty, 1397-1410).

8. Baker, D. P., & Wiseman, A. W. (Eds.). (2009). Volume 10: Gender, Equality, and Education from International and Comparative Perspectives. International Perspectives on Education and Society Series (Bingley, UK: Emerald Publishing).
7. Baker, D. P., & Wiseman, A. W. (Eds.). (2008). Volume 9: The Worldwide Transformation of Higher Education. International Perspectives on Education and Society Series (Bingley, UK: Emerald Publishing).
6. Baker, D. P., & Wiseman, A. W. (Eds.). (2007). Volume 8: Education for All: Global Promises, National Challenges, The International Perspectives on Education and Society Series (Oxford: Elsevier Science, Ltd.).
5. Baker, D. P., & Wiseman, A. W. (Eds.). (2006). Volume 7: The Impact of Comparative Education Research on Institutional Theory. The International Perspectives on Education and Society Series (Oxford: Elsevier Science, Ltd.).
4. Baker, D. P., & Wiseman, A. W. (Eds.). (2005). Volume 6: Global Trends in Educational Policy. The International Perspectives on Education and Society Series (Oxford: Elsevier Science, Ltd.).
3. Baker, D. P. (Series Editor), (2002) Volume 5: New Paradigms and Recurring Paradoxes in Education for Citizenship: An International Comparison. Steiner, G., Torney-Purta, J., and Schwille, J. guest editors. The International Perspectives on Education and Society Series (Oxford: Elsevier Science, Ltd.).
2. Baker, D., B. Fuller, E. Hannum and R. Werum special editors. (2004) Inequality Across Societies: Families, Schools and Persisting Stratification. Series in Sociology of Education, Vol. 14. Amsterdam: Elsevier.
1. Baker, D., Ethington, C., Sosniak, L. and Westbury, I. (eds.) *In Search of More Effective Mathematics Education: Evidence from the Second International Mathematics Study*. New Jersey: Ablex Publishing 1994.

Journal Articles

94. Schaub, M., Salinas, D., Halibi, S., & Baker, D. (2019). The Changing Faces of the Math Student: Images in US Early Elementary Mathematics Textbooks, 1904-1999. *Journal of Advances in Education Research*, 4(3).
93. Ford, K., Choi, J. and D. Baker. (Forthcoming) "What if a College Major isn't Enough? Cognitive Skills and the Relationship between US College Majors and Earnings." *Industry and Higher Education*.

92. Dusdal, J., Powell, J., Baker, D., Fu, Y., Shamekhi, Y. and M. Stock. (2020) "University Versus Research Institute? The Dual Pillars of German Science Production, 1950–2010." *Minerva: A Review of Science, Learning and Policy*.
91. Estrada-Mejia, C., Peters, E., Dieckmann, N., Zeelenberg, M., De Vries, M. and Baker, D. (2020). "Schooling, Numeracy, and Wealth Accumulation: A Study Involving an Agrarian Population." *Journal of Consumer Affairs*.
90. Baker, D. (2019). "The Great Antagonism that Never Was: Unexpected Affinities between Religion and Education in Post-Secular Society." *Theory and Society*, 48(1), 39-65.
89. Mann, B. and Baker, D. (2019). "Cyber Charter Schools and Growing Resource Inequality among Public Districts: Geospatial Patterns and Consequences of a Statewide Choice Policy in Pennsylvania, 2002-2014." *American Journal of Education*, 125(2).
88. Byun, S., Chung, H., and Baker, D. P. (2018). "Global Patterns of the Use of Shadow Education: Student, Family, and National Influences." *Research in the Sociology of Education*, 20, 71-105.
87. Fu, Y., Baker, D. P., and Zhang, L. (2108). "Engineering a World-Class University? The Impact of Taiwan's World Class University Project on Scientific Productivity." *Higher Education Policy*. (<https://rdcu.be/5udj>)
86. Baker, D., Smith, W., Muñoz, I., Jeon, H., Leon, J., Fu, T., Salinas, D., and R. Horvatek (2017). "The Population Education Transition Curve: Education Gradients across Population Exposure to New Health Risks." *Demography* 54(5) 1873-95. DOI: 10.1007/s13524-017-0608-9
85. Leon, J., Baker, D., Salinas, D. and A. Henck. (2017) "Is Education a Risk Factor or Social Vaccine against HIV/AIDS in Sub-Saharan Africa?" The Effect of Schooling across Public Health Periods. *Journal of Population Research*.
84. Mann, B. and Baker, D. (2017) "Schooling Attainment's Influence on Internet Adoption: Education's Role in the Cross-National Development of the Mass-Media Knowledge Gap" *FIRE: Forum for International Research in Education*.
83. Schaub, M., Henck, A., and Baker D. 2017. "'The Globalized 'Whole Child': Cultural Understandings of Children and Childhood in Multilateral Aid Development Policy, 1946-2010." *Comparative Education Review*, 61, 2: 298-326.
82. Mann, B. and Baker, D. (2016) "What cyber charter schools are and why their growth should worry us." *The Conversation*. <https://theconversation.com/what-cyber-charter-schools-are-and-why-their-growth-should-worry-us-68471>

(on-line independent media source translating academic research into usable journalism, this article had 25,000 hits as of 4/2019, reprinted in over 8,000 other on-line sites including Newsweek and AP News).

81. Smith, W., Ikoma, S. and Baker, D. 2016. "Education, health, and labor force supply: Broadening human capital for national development in Malawi." *Cogent Education*: <http://dx.doi.org/10.1080/2331186X.2016.1149041>
80. Baker, D. (2015). A note on knowledge in the schooled society: Towards an end to the crisis in curriculum theory. *Journal of Curriculum Studies*, 47(6), 763-772.
79. Zhang, L., Powell, J., and D. Baker (2015) "Exponential Growth and the Shifting Center of Gravity of Science Production, 1900-2011." *Change: The Magazine of Higher Education*. 47,4 46-49.
<http://www.tandfonline.com/doi/full/10.1080/00091383.2015.1053777>
78. Jeon, H., Salinas, D. and Baker, D. (2015) "Non-linear Education Gradient across the Nutrition Transition: Mother's Overweight and The Population Education Transition." *Public Health Nutrition*. DOI:10.1017/S1368980015001640
77. Baker, D. et al. (2015) "The Cognitive Impact of the Education Revolution: A Possible Cause of the Flynn Effect on Population IQ." *Intelligence*, 49, March-April, 144-158.
76. Smith, W., Anderson, E., Salinas, D., Horvatek, R., and D. Baker. (2015). "A Meta-Analysis of Education Effects on Chronic Disease: The Causal Dynamics of the Population Education Transition Curve." *Social Science and Medicine*, 127, February 4, 29-40.
[/dx.doi.org/10.1016/j.socscimed.2014.10.027](http://dx.doi.org/10.1016/j.socscimed.2014.10.027)
<http://authors.elsevier.com/sd/article/S027795361400673X>
75. Dieckmann, N., Peters, E., Leon, J., Benavides, M., P Baker, D., & Norris, A. (2015). The role of objective numeracy and fluid intelligence in sex-related protective behaviors. *Current HIV Research*, 13(5), 337-346.
74. Stevens, R., Lu, X., Baker, D., Ray, M., Eckert, S., & D. Gamson, (2015). "Assessing the Cognitive Demands of Elementary School Reading Curricula: An Analysis of Reading Text and Comprehension Tasks from 1910 to 2000." *American Education Research Journal*, Vol. 52, No. 3, pp. 582–617. DOI: 10.3102/0002831215573531
73. Salinas, D. and D. Baker (2014). "The Schooling Effect on Neurocognitive Development: Implications of a New Scientific Frontier for Comparative Education." *Annual Review of Comparative and International Education*.

72. Baker, D. (2014) "Minds, Politics, and Gods in the Schooled Society: Consequences of the Education Revolution." Presidential Address to the Comparative International Education Society, *Comparative Education Review*, 58,1, pp. 6-23.
71. Wiseman, A., F. Astiz, and D. Baker (2013) "Globalization and comparative education research: Misconceptions and applications of neo-institutional theory." *Journal of Supranational Policies of Education*. 1, 31-52.
70. Wiseman, A., Astiz, F. and Baker, D. (2013) "Comparative Education Research Framed by Neo-Institutional Theory: A Review of Diverse Approaches and Conflicting Assumptions." *Compare: A Comparative Journal of International Education* 44 (5), 688-709.
69. Halabi, S. Smith, W., Collins, J., Baker, D. & Bedford, J. (2013). A documentary analysis of HIV/AIDS education interventions in Ghana. *Health Education Journal* 72 (4), 486-500. doi:10.1177/0017896912450248
68. Baker, D., Salinas, D. and Eslinger, P. (2012). "An Envisioned Bridge: Schooling as a Neurocognitive Developmental Institution." *Developmental Cognitive Neuroscience*, 2S, S6– S17.
67. Smith Greenaway, E, Leon, J. and D. P. Baker (2012). "Understanding the association between maternal education and use of health services in Ghana: Exploring the role of health knowledge." *Journal of Biosocial Science* 44.06: 733-747.
66. Baker, D. (2012). "The Education Effect on Social Development: Intellectually and Politically Underappreciated." *Journal of Sociedad Peruana de Investigación Educativa*.
65. Baker, D., Leon, J., Smith Greenaway, E., Collins, J., and Movit, M. (2011) "The Education Effect on Population Health: A Reassessment." *Population and Development Review* 37(2): 307–332.
64. Baker, D. (2011). "Forward and Backward, Horizontal and Vertical: Transformation of Occupational Credentialing in the Schooled Society." *Research in Social Stratification and Mobility: A Journal of the International Sociological Association*, 29,1,5-29.
63. Wiseman A., Astiz, M.F., Fabrega, R., and Baker, D. (2011). "Making Citizens of the World: The Political Socialization of Youth in Formal Mass Education Systems." *Compare: A Comparative Journal of International Education*, 41, 5, 561-577.
62. Baker, D., Leon, J., and J. Collins (2010). "Facts, Attitudes, and Health Reasoning about HIV and AIDS: Explaining the Education Effect on Condom Use among Adults in

- sub-Saharan Africa." *AIDS and Behavior*, 11(June), 1-9 doi: 10.1007/s10461-010-9717-9. <http://dx.doi.org/10.1007/s10461-010-9717-9>
61. Peters, E., Baker, D., Deickmann, N., Leon, J., and J. Collins. (2010). "Explaining the Education Effect on Health: A Field-Study from Ghana." *Psychological Science*, 21,10,1369-76.
60. Baker, D., Knipe, H., Cummings, E., Collins, J., Leon, J. Blair, C., and D. Gamson (2010). "One Hundred Years of American Primary School Mathematics: A Content Analysis and Cognitive Assessment of Textbooks from 1900 to 2000." *Journal of Research on Mathematics Education*, 41, 4, 383-423.
59. Baker, D. (2009). "The Educational Transformation of Work: Toward a New Synthesis." *Journal of Education and Work*, 22, 3, 163-193.
58. Baker, D. and Mori, I. (2010) "The Origin of Universal Shadow Education: What the Supplemental Education Phenomenon Tells Us about the Postmodern Institution of Education." *Asia Pacific Education Review*, 11, 1, 36.
57. Baker, D., Collins, J., and Leon, J. (2009). "Risk Factor or Social Vaccine? The Historical Progression of the Role of Education in HIV/AIDS Infection in Sub-Saharan Africa." *Prospects: Quarterly Review of Comparative Education*, 38, 4, 467-486, UNESCO: Paris France.
<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11125-009-9097-y>
56. Eslinger, P., Blair, C., Wang, J., Lipovsky, B., Realmuto, J., Baker, D., Thorne, S., Gamson, D., Zimmerman, E., Rohrer, L., Yang, Q. (2009) "Developmental shifts in fMRI activations during visuospatial relational reasoning" *Brain and Cognition*, 69(1), 1-10.
55. Baker, D. (2008) Review of Gumport, P. "Sociology of Higher Education: Contributions & Their Contexts" *Contemporary Sociology* 37, 6, 613.
54. Baker, D. (2008). "Privatization, Mass Higher Education, and the Super Research University: Symbiotic or Zero-sum Trends?" *Die Hochschule* (German Journal on Higher Education) 2, 36-52.
53. Goesling, B. and Baker, D. (2008). "Three Faces of International Inequality." *Research in Social Stratification and Mobility: A Journal of the International Sociological Association*, 26, 183-198.
52. Baker, D. and Lenhardt, G. (2008). "The Institutional Crisis of the German Research University." *Higher Education Policy* 21, 49-64.

51. Mohrman, K., Ma, W., and Baker, D. (2008). "The Research University in Transition: The Emerging Global Model." *Higher Education Policy* 21, 1-17.
50. Baker, D. (2008) "Mass Higher Education and the Super Research University: A Symbiotic Relationship." *International Higher Education*, 2, 36-53.
49. Baker, D., Koehler, H. and M. Stock. (2007) "Socialist ideology and the contraction of higher education: Institutional consequences of state manpower and education planning in the former East Germany, 1949 to 1989." *Comparative Education Review*, 51, 3, 353-377.
48. Desimone, L., Smith, T., Baker, D., and Ueno, U. (2005) "The Distribution of Teaching Quality in Mathematics: Assessing Barriers to the Reform of U.S. Mathematics Instruction from an International Perspective" *American Education Research Journal* 42:33, 501-535.

47. Blair, C., D. Gamson, S. Thorne, and D. Baker. (2005) "Rising Mean IQ: Cognitive Demand of Mathematics Education for Young Children, Population Exposure to Formal Schooling, and the Neurobiology of the Prefrontal Cortex." *Intelligence*, 33 93-106.
46. Baker, D., Fabrega, R., Galindo, C., and J. Mishook. (2004). "Instructional Time and National Achievement: Cross-national Evidence." *Prospects, Quarterly Review of Comparative Education*, UNESCO: Paris France, XXXIV, 3, 311-334.
45. Akiba, M., G. LeTendre, D. Baker, and B. Goesling. (2002) "Student Victimization: National and School System Effects on School Violence in 37 Nations" *American Journal of Education Research*, 39, Winter.
44. Baker, D., Goesling, B. and LeTendre, G. (2002). "Socio-economic Status, School Quality, and National Economic Development: A Cross-national Analysis of the "Heyneman-Loxley Effect" on Mathematics and Science Achievement" *Comparative Education Review* 46 (3) 291-312.
- Awarded 2002-03 Outstanding International Study by the American Education Research Association, SIG on International Studies in Education.
43. Schaub, M., & Baker, D. (2002). Is social capital the self-esteem of the 1990's? Schooling and Social Capital in Diverse Cultures: *Annual Review of Sociology of Education*, 13, 127-134.
42. Astiz, M. Fernanda, Alexander Wiseman, and David P. Baker. 2002 "Slouching towards Decentralization: Consequences of Globalization for Curricular Control in National Education Systems." *Comparative Education Review* 46:66-88.
- Reprinted in Bell, L. and Stevenson, H. 2013. *Organizing Public Education*. LA: Sage Publications.
41. Smith, T. M., & Baker, D. P. (2002). Worldwide Growth and Institutionalization of Statistical Indicators for Education Policy-Making. *Peabody Journal of Education*, 76(3&4), 141-152.
40. LeTendre, G., Baker, D., Akiba, A., Goesling, B., & Wiseman, A. (2001). "Teacher's work: Institutional isomorphism and cultural variation in the U.S., Germany, and Japan." *Education Researcher*, 30 (6), 3-15.
39. Baker, D., Akiba, M., LeTendre, G., & Wiseman, A. (2001). "Worldwide Shadow Education: Outside-School Learning, Institutional Quality of Schooling, and Cross-national Mathematics Achievement." *Education, Evaluation, and Policy Analysis* 23 1, 1-17.

38. LeTendre, G. K., Akiba, M., Goesling, B., Wiseman, A. W., & Baker, D. P. (Spring 2001). "The Policy Trap: National Educational Policy and the Third International Math and Science Study." *The International Journal of Educational Policy, Research and Practice* 2,1: 45-64.
37. Baker, D., and LeTendre, G. (2000). "Comparative Sociology of Classroom Processes, School Organizations and Achievement." In Hallinan, M. (Ed.), *Handbook of Sociology of Education*, Plenum Pub. Co.
36. Baker, D. (1999). "Schooling All the Masses: Reconsidering the Origins of American Schooling in the Postbellum Era." *Sociology of Education*, 72 (4), pp. 197-215.
35. LeTendre, G., & Baker, D. (1998, June 17). "International Competitiveness in Science: Don't Blame U.S. Adolescents or Middle Schools for a 'Slump'." *Education Week*, pp. 16-51.
34. Baker, D., and Riordan, C. (1998) "It's Not about the Failure of Catholic Schools, It's about Demographic Transformation" *Phi Delta Kappan* October 1998 462-465.
33. Baker, D., and Riordan, C. (1998) "The 'Eliting' of the Common American Catholic School and the National Education Crisis. *Phi Delta Kappan*, September, pp. 16-23.
32. Baker, D., and Smith, T. "Three Trends in the Condition of Education in the United States." *Teachers College Record*, 99 (1) Fall, 1997.
31. Baker, D. and Smith, T. "The Condition of Academic Achievement in the Nation." *Teachers College Record*, 99 (1), Fall, 1997.
30. Baker, D. and Smith, T. "Teacher Turnover and Teacher Quality: Refocusing the Issues." *Teachers College Record*, 99 (1), Fall 1997.
29. Baker, D. and Smith, T. "A College Education For All?" *Teachers College Record*, 99 (1), Fall, 1997.
28. Baker, D. "Surviving TIMSS, or Everything You Blissfully Forgot About International Achievement Studies." *Phi Delta Kappan*, November, 1997.
27. Baker, D. and Holsinger, D. "Human Capital Formation and School Expansion in Asia: Does a Unique Regional Model Exist?" *International Journal of Comparative Sociology*, 1996.
Reprinted in Altbach, P. (ed.) *The Asian Educational Challenge*, SUNY Press, 1997.)

26. Youniss, J., Convey, J., & Baker, D. "Catholic Schools in a Changing Society." *Catholic Education*, Vol. 1, pp. 98-103.
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