

## DAVID P. BAKER

### Publications:

- Baker, D. (forthcoming) "The Invisible Hand of World Education Culture: Thoughts for Policy Makers." In Planck, D., and Schneider, B. (eds.), Chapter 1, *American Education Research Association's Handbook of Education Policy Research*. AERA: Washington D.C.
- Baker, D. (2007) "Mass Higher Education and the Super Research University: Symbiotic Trends and Future Scenarios." In *Graduate Education 2020*. Council of Graduate Schools: Washington D.C.
- Baker, D. (2007) "Mass Higher Education and the Super Research University: A Symbiotic Relationship." *International Higher Education*, Fall.
- Mohrman, K., Ma, W., and Baker, D. (2007). "The Emerging Global Model of the Research University." In Altbach, P. and Peterson, P. (eds.) *Higher Education in the New Century: Global Challenges and Innovative Ideas*. Pages 145-175, Rotterdam, the Netherlands: SensePublishers, and co-published by UNESCO Paris France.
- Baker, D. (Feb. 2007). "Are the Super Research University and Mass Higher Education Related?" *IAU Horizons*, International Association of Universities, UNESCO, Paris France, p.6.
- Baker, D., M. Stock, and H. Koehler. (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.
- Wiseman, A. W., & Baker, D. P. (2007). "Educational Achievements in International Context." In B. J. Bank (Ed.), *Gender and Education: An Encyclopedia* (pp. forthcoming). Westport, CT: Greenwood Press.
- Baker, D. and A. Wiseman (eds.) (2007). *Education for All: Global Promises, National Challenges*. International Perspectives on Education and Society, Volume 8, Oxford UK: Elsevier Science Ltd.
- Blair, C., H. Knipe, E. Cummings, D. Baker, P. Eslinger, and S. Thorne. (2006). "A developmental neuroscience approach to the study of school readiness." In Pianta, R. (ed.), *School Readiness, Early Learning, and the Transition to Kindergarten*.
- Gamson, D., E. Cummings, H. Knipe, D. Baker, C. Blair, S. Thorne. "The fall and rise of intellectual rigor: The case of school mathematics 1890-2000." Paper presented at the American Education Research Association Annual Meeting, San Francisco April 2006.

- Baker, D., Series Editor, International Perspectives on Education and Society. Oxford, UK: Elsevier Science Ltd.  
Volume 7: *Comparative Research on Higher education*, Baker, D. and Wiseman, A. editors (2007)  
Volume 6: *The Impact of Comparative Education Research on Institutional Theory*, Baker, D. and Wiseman, A. editors, (2006)  
Volume 5: *Global Trends in Educational Policy*, Baker, D. and Wiseman, A. editors, (2005).
- Wiseman, A. and D. Baker, (2006) "The Symbiotic Relationship between Empirical Comparative Research on Education and Neo-institutional Theory." In Baker, D. and Wiseman, A. (eds.) *The Impact of Comparative Education Research on Institutional Theory*. Oxford UK: Elsevier Science Ltd.
- Baker, David (2006). "Can We Predict Institutional Change? Evidence from Cross-national Comparisons of Educational Phenomena." In Meyer, H., and Rowan, B. (eds.) *The New Institutionalism in Education*. SUNY Press: New York.
- Wiseman, A. and D. Baker. (2005) "The Worldwide Expansion of Internationalized Education Policy." In Baker, D. and Wiseman, A. (eds.) *Global Trends in Educational Policy*. Oxford UK: Elsevier Science Ltd..
- Baker, David and Gerald LeTendre (2005) *National Differences, Global Similarities: World Culture and the Future of Schooling*. Stanford CA: Stanford University Press.
- Desimone, Laura, Thomas Smith, David Baker, and Koji Ueno. "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*.
- Blair, C., D. Gamson, S. Thorne, and D. Baker. "Rising Mean IQ: Cognitive Demand of Mathematics Education for Young Children, Population Exposure to Formal Schooling, and the Neurobiology of the Prefrontal Cortex." *Intelligence*
- Baker, D., B. Fuller, E. Hannum and R. Werum special eds. (2004) *Inequality Across Societies: Families, Schools and Persisting Stratification*. Series in Sociology of Education, Vol. 14. Amsterdam: Elsevier.
- Werum, R. and D. Baker. (2004) "Inequality and Schooling as an Institution." In Baker, D. et al. eds. *Inequality Across Societies: Families, Schools and Persisting Stratification*. Series in Sociology of Education, Vol. 14. Amsterdam: Elsevier.
- Smith, Thomas, Laura Desimone, and David Baker. (working paper) "Professional Faculties and Instructional Quality: A Cross-national Comparison of the Context of Educational Quality"

Baker, David “Should we be more like them? American High School Achievement in Cross-national Comparison. *Brookings Papers on Education Policy*, The Brookings Institute, Washington DC, 2002.

Akiba, Motoko, Gerald LeTendre, David Baker, and Brian Goesling. “Student Victimization: National and School System Effects on School Violence in 37 Nations” *American Journal of Education Research*, 39, Winter 2002.

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.

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.

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

Volume One: *New Paradigms and Recurring Paradoxes in Education for Citizenship: An International Comparison*. Steiner, G., Torney-Purta, J., and Schwille, J. (Eds.). 2002

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.

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.

Wiseman, A. W., & Baker, D. P. (2001). “The American Summer-Learning Gap From an International perspective.” In G. Borman and M. Boulay (Eds.), *Summer Learning: Research, Policies, and Programs*. New York: Teachers College Press.

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.

- 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
- Smith, T. M., & Baker, D. P. (2003). "International Education Statistics: The Use of Indicators to Evaluate the Condition of Education Systems." In J. Guthrie (Ed.), Encyclopedia of Education (2<sup>nd</sup> ed.). New York: Macmillan.
- 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.
- Baker, D. P. (Spring 2001). "TIMSS-R: Innovation in International Information for American Educator." *Education Statistics Quarterly*.
- LeTendre, G., & Baker, D. (1999). International comparisons and educational research policy. In LeTendre, G. (Ed.), Competitor or ally: Japan's role in American educational debates. New York: Falmer Press.
- Baker, D. (October 1999). "Schooling All the Masses: Reconsidering the Origins of American Schooling in the Postbellum Era." Sociology of Education, 72 (4), pp. 197-215.
- 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.
- LeTendre, G., & Baker, D. (1998, June 17). "International Competitiveness in Science: Don't Blame U.S. Adolescents on Middle Schools for a 'Slump'." Education Week, pp. 16-51.
- 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.
- Baker, D., and Riordan, C. "The 'Eliting' of the Common American Catholic School and the National Education Crisis. Phi Delta Kappan, September 1998, pp. 16-23.
- Baker, D., and Smith, T. "Three Trends in the Condition of Education in the United States." Teachers College Record, 99 (1) Fall, 1997.
- Baker, D. and Smith, T. "The Condition of Academic Achievement in the Nation." Teachers College Record, 99 (1), Fall, 1997.

- Baker, D. and Smith, T. "Teacher Turnover and Teacher Quality: Refocusing the Issues." Teachers College Record, 99 (1), Fall 1997.
- Baker, D. and Smith, T. "A College Education For All?" Teachers College Record, 99 (1), Fall, 1997.
- Perie, M. and Baker, D. "Job Satisfaction Among America's Teachers: Effects of Workplace Conditions, Background Characteristics, and Teacher Compensation." Statistical Analysis Report, National Center for Education Statistics, U.S. Dept. of Education, NCES 97-471, 1997.
- Han, Mei and Baker, D. "SASS 1993-94: A Profile of Policies and Practices for Limited English Proficient Students: Screening Methods, Program Support, and Teacher Training." Statistical Analysis Report, National Center for Education Statistics, U.S. Dept. of Education, NCES 97-472, 1997.
- Baker, D. "Surviving TIMSS, or Everything You Blissfully Forgot About International Achievement Studies." Phi Delta Kappan, November, 1997.
- Baker, D. "Education Crises and Institutionalization: International Comparisons" in Levinson, Baker, D. "Education Crises and Institutionalization: International Comparisons" in Levinson, D., Cookson, P. and Sadovnik, A. (eds.) Education and Sociology: An Encyclopedia. New York: Garland Publishing Inc., 1997.
- D., Cookson, P. and Sadovnik, A. (eds.) Education and Sociology: An Encyclopedia. New York: Garland Publishing Inc., 1997.
- Baker, D. "Comparing Japan and US School Achievement" in Levinson, D. Cookson, P. and Sadovnik, A. (eds.) Education and Sociology: An Encyclopedia. New York: Garland Publishing Inc., 1997.
- 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.)
- Youniss, J., Convey, J., & Baker, D. "Catholic Schools in a Changing Society." Catholic Education, Vol. 1, pp. 98-103.
- Stevenson, D., and Baker, D. "Does State Control of the Curriculum Matter?" Educational Evaluation and Policy Analysis, 18, 4, 339-343, 1996.
- Baker, D. "Good News, Bad News, and International Comparisons: Comment on Bracey," Education Researcher, 1996.

- Baker, D., Han, M. and Broughman, S. "How different, How Similar: Comparing Key Organizational Qualities of American Public and Private Secondary Schools" Statistical Analysis Report, National Center for Educational Statistics, U.S. Department of Education. NCES 96-322, 1996.
- Manlove, J. and Baker, D. "Local Constraints on the Opportunity to Learn Mathematics in American High Schools." Restructuring Schools: Promising Practices and Policies, pp. 133-153, M. Hallinan (ed.), New York: Plenum Press, 1996.
- Hanson, S., Schaub, M., and Baker, D. "Gender Stratification in the Science Pipeline: A Comparative Analysis of Seven Countries" Gender and Society, V 10, 3, 271-290, 1996.
- Baker, D. "Convergence among National Education Systems." In Education Indicators in International Perspective, U.S. Dept. of Education, NCES, 1996.
- Meyer, J. and Baker, D. "Forming American Educational Policy with International Data: Lessons from Sociology of Education," Sociology of Education: Special Issue on Sociology and Education Policy, 123-130, 1996.
- Baker, D., Riordan, C. and Schaub, M. "The Effects of Sex-grouped Schooling on Achievement: The Role of National Context." Comparative Education Review, 39, 4, 468-481, 1995.
- Baker, D. "System for Catholic Historical Research, Institutional information and Planning." In Michalek, G., Sandleback, N., & Treanor, J. (Eds.), Documenting Diversity: The American Catholic Experience. Chicago, IL: Mission Press, 1994.
- Baker, D. "In Comparative Isolation: Why Comparative Research has So Little Influence on American Sociology of Education?" in Research in Sociology of Education and Socialization. Pallas, A. (ed.) Greenwich CN: JAI Press. 10:53-70, 1994.
- Griffith, J., Owen, E. and Baker, D. "Strategic Plan for International Activities at the National Center for Educational Statistics." White Paper, NCES Washington, DC, 1994.
- Baker, D. and Stevenson, D. "Transition to Higher Education in the United States: Institutional Boundaries and Pathways to Adulthood" Sociological Studies of Children, Vol. 6, pp. 141-159, 1994.
- Baker, D. and Schaub, M. "Learning from the Best: Effective Mathematics Instruction in Japanese and American Classes." In Baker et al. (eds.), New Jersey: Ablex Publishing, 1994.
- Baker, D., Riordan, C. and Schaub, M. "Single - and Mixed - Sex Schooling and Mathematics Achievement: A Cross-National Comparison Using SIMS." In Baker et al. (eds.), Ablex Publishing: New Jersey, 1994.

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.

Baker, D. "The Size and Structure of Secondary Education in Developing Countries." Paper prepared for Population and Human Resources Dept., Education and Employment Division, The World Bank, Washington, DC: March 1993.

Baker, D. "Compared to Japan, the U.S. is a Low Achiever . . . Really: New Evidence and Comment on Westbury." Educational Researcher, 22:3:18-20; and a "A Rejoinder" 25-26, 1993.

Baker, D. and Jones, D. "Creating Gender Equality: Cross-National Gender Stratification and Mathematical Performance." Sociology of Education, 66:91-103, 1993.

Reprinted in:

Galliano, G. Gender: Crossing Boundaries, Wheaton IL: Brooks/Cole Publishing Company, 2002.

Arnett, J. Adolescence Emerging Adulthood: A Cultural Approach Prentice Hall 2003

Schaub, M. and Baker, D. Serving American Catholic Children and Youth: A Diocesan Study of PREP and Catholic School Enrollments and Unserved Children. Report for U.S. Catholic Conference, Department of Education, 1993.

Baker, D. "Indicators of School Achievement from SIMS for OECD Countries." Commissioned paper OECD Indicators Panel, National Center for Education Statistics, U.S. Department of Education, Washington, DC, January 1992.

Baker, D. "The Politics of American Catholic School Expansion, 1870-1930." In The Political Construction of Education, Fuller, B. and R. Rubinson (eds.). New York: Praeger, 1992.

Baker, D. and Jones, D. "Opportunity and Performance: A Sociological Explanation for Gender Differences in Academic Mathematics." In Education and Gender, Wrigley, J. (ed.) London: Falmer Press, 1992.

Stevenson D. and Baker, D. "Shadow Education and Allocation in Formal Schooling: Transition to University in Japan." American Journal of Sociology, 97:6:1639-57, 1992.

Reprinted in: Haves and Have-nots: An International Reader on Social Inequality.

Curtis & Tepperman (eds.), 1994, Englewood Cliffs, New Jersey: Prentice Hall.

Education and Training in Japan. Rohlen, T. and Bjork, C (eds) 1999 London: Routledge

Stevenson, D. and Baker D. "State Control of the Curriculum and Classroom instruction."

- Sociology of Education, 64: 1-10, 1991.
- Baker, D. "Thoughts on Effective Secondary Education: What is Possible in Developing Countries?" Commissioned paper for Population and Human Resources Dept., Education and Employment Division, World Bank Washington, DC, December, 1991.
- Baker, D. and Lenhardt, G. "Nationalismus und Arbeitsmarktintegration in der BRD (alt) (Nationalism and Labor Market Integration in the Former Federal Republic of Germany)" Zeitschrift für Soziologie, 20:6:463-78, 1991.
- Schaub, M. and Baker, D. "Solving the Math. Problem: Exploring Mathematics Achievement in Japanese and American Middle Grades." American Journal of Education, 623-42, August 1991.
- Baker, D. and Stevenson D. "Institutional Context of an Adolescent Transition: Going from High School to College in the United States and Japan." Journal of Adolescent Research, 5, 2:242-253, 1990.
- Stevenson, D. and Baker, D. "Shadow Education and Allocation in Formal Schooling." U.S. Department of Education, Office of Evaluation, Research and Improvement Research Paper Series, 1990.
- Baker, D. and Stevenson D. "Parents Management of Adolescents' Schooling: A Comparison of the United States, Federal Republic of Germany and Japan." In The Social World of Adolescents: International Perspectives, Hurrelmann, K. (ed.). New York and Berlin: De Gruyter, 339-350, 1989.
- Oswald, H., Baker, D. and Stevenson, D. "Secondary School Charters and Parental Management in West Germany." Sociology of Education, 61: 255-265, 1988.
- Baker, D. and Lenhardt, G. "Ausländerintegration, Schule und Staat." (Integration of Foreigners, Schooling and the State.) Kölner Zeitschrift für Soziologie und Sozialpsychologie, 40: 40-61, 1988.
- Baker, D. "Modernization and Educational Expansion: A Case for Analysis of American Catholic Schooling, 1870 to 1930." In The National Academy of Education Collection of Spencer Fellow Papers. 1-18. Cambridge: National Academy of Education, 1988.
- McCarthy, J., Wolfson, M., Baker, D., and Mosakowski, E. "The Founding of Social Movement Organizations: Local Citizens' Groups Opposing Drunken Driving." In Ecological Perspectives on Organizations, Carroll, G., (Ed.), Cambridge, MA: Ballinger, 1988.
- Stevenson, D. and Baker, D. "Family-School Relationship and the Child's School Performance." Child Development, 58, 1987.

- Pautler, K., Lewko, J., and Baker, D. "Children's Reactions to a Community Economic Crisis: An Exploratory Analysis." The Sociology of Childhood Monographs, Vol. 2, July, 1987.
- Baker, D. and Entwisle, D. "The Influence of Mothers on the Academic Expectations of Young Children; A Longitudinal Study of How Gender Differences Arise." Social Forces, 65: 670-694, 1987.
- Baker, D. and Stevenson, D. "Maternal Strategies for School Achievement: Managing the Transition to High School." Sociology of Education, 59: 159-166, 1986.
- Baker, D., Esmer, Y., Lenhardt, G., and Meyer, J. "Effects of Immigrant Workers on Educational Stratification in Germany." Sociology of Education, 58: 213-227, 1985.
- Baker, D. "Academic Achievement, Cognitive Development, and Self-Identity: A Model of Causal Effects." Tagung Entwicklungspsychologie (Annual Proceedings of Meeting of German Developmental Psychologists). University of Regensburg, 214-216, October, 1983.
- Entwisle, D. and Baker, D. "Gender and Young Children's Expectations for Performance in Arithmetic." Developmental Psychology, 19: 200-209, 1983.
- Baker, D. Gender and Academic Expectations of Young Children: An Explanation of How a Status Characteristic Affects Academic Socialization. Unpublished doctoral dissertation, The Johns Hopkins University, 1982.
- Baker, D. Admitted Applicants Survey, 1982, Report 1, Office of the Dean of Academic Services, The Johns Hopkins University, 1982.
- Baker, D. and McPartland, J. Using Longitudinal Test Score Data to Identify Exceptional Learning Environments. (Report No. 317) Baltimore, MD: Johns Hopkins University, Center for Social Organization of Schools, October 1981.