

BRUCE D. BAKER
Associate Professor
Educational Theory, Policy and Administration
Graduate School of Education
Rutgers, The State University of New Jersey
10 Seminary Place
New Brunswick, NJ 08901-1183
bruce.baker@gse.rutgers.edu
[schoolfinance101@wordpress.com](http://schoolfinance101.wordpress.com)

A. EDUCATION

1997, Doctor of Education
Teachers College, Columbia University
Department of Organization and Leadership
Dissertation: *A Comparison of Statistical and Neural Network Models for Forecasting Educational Spending*
Advisor: Craig E. Richards

1989, Master of Arts
University of Connecticut
Department of Educational Psychology
Program in Teaching the Talented
Advisor: Joseph S. Renzulli

1987, Bachelor of Arts
Lafayette College
Biology

B. ACADEMIC APPOINTMENTS

2008 – Present: Rutgers, The State University of New Jersey
Associate Professor
Educational Theory, Policy and Administration

Courses Taught
Public School Finance
Decision Analysis
Educational Facilities
Public School Law

2002 – 2008: University of Kansas, Lawrence
Associate Professor, Teaching and Leadership
Program in Educational Administration

1997 – 2002: University of Kansas, Lawrence
Assistant Professor, Teaching and Leadership
Program in Educational Administration
Research Associate: Policy Research Institute

Courses Taught

Doctoral Level

School Finance Policy
District Business Management
Seminar in Writing Dissertations

Masters Level

Analysis of Administrative Problems
Decision Analysis
School Resource Management
Program Development for the Gifted and Talented
Governance & Organization of Schools
Public School Law
School Facilities

1996 - 1997: Teachers College, Columbia University
Instructor, Organization and Leadership
Program in Educational Administration

C. RELATED TEACHING & ADMINISTRATIVE EXPERIENCE

1993 - 1997, The Ethical Culture Fieldston Schools, NY
Instructor of Science
1992 - 1993, Pocantico Hills Central School, NY
Coordinator of Gifted and Talented Programs
1989 - 1992, Mastricola Middle School, NH
Coordinator of Gifted and Talented Programs
1987 - 1988, Randolph-Macon Academy, VA
Instructor of Biology
1994 - 1997, College Gifted Programs, Summer Institute for the Gifted, NJ/PA/NY
Site Director

D. HONORS

2010 - Invited Lecturer: Jerry Miner Lecture Series. Maxwell School, Syracuse University. Center for Policy Research. http://www-cpr.maxwell.syr.edu/efap/Jerry_Miner/Lecture_Series.htm
2007 - Present: Appointed Research Fellow, Education Policy Research Unit/Education and the Public Interest Center (EPRU/EPIC)
2001, National Center for Education Statistics/American Education Finance Association
New Scholars Program
1998, National Center for Education Statistics/American Educational Research Association
Institute on Statistics for Policy Analysis
1996, University Council on Educational Administration
Graduate Student Research Seminar

E. SELECTED EXTERNALLY FUNDED RESEARCH (RECENT GRANTS & CONTRACTS)*

- | | |
|-----------------------|---|
| 2009 - Present | <ol style="list-style-type: none"> 1. Evaluation of Undergraduate Student Degree Completion Pathways and “Cost of Attainment”. University of Texas at Austin. Co-Pi with Christopher Morphew, University of Iowa, Scott L. Thomas, Claremont Graduate School & Harrison Keller, University of Texas at Austin. 2. Evaluation of Spending Patterns and Philanthropic Contributions to New York City Charter Schools. Education and the Public Interest Center. \$6,000 3. Evaluation of teacher workforce and labor markets in Newark New Jersey. Funded by the Ford Foundation in collaboration with Rutgers University at Newark. Alan Sadovnik, Project Director. (\$18k subcontract on \$125k grant) 4. Development of an alternative indicator system for evaluating state school funding systems. <i>Education Law Center of New Jersey & Educational Testing Service</i>. Funded by the Ford Foundation. (\$25k subcontract) 5. Evaluating the principal preparation pipeline for Wisconsin public schools. With Matthew Clifford (Learning Point Associates) and Carolyn Brown (Fordham University). Midwest Regional Education Lab |
| 2008-2009 | <ol style="list-style-type: none"> 6. Evaluating the <i>Costs of Private Schooling in America</i>. Education and the Public Interest Center. University of Colorado/Arizona State University. \$4,000. |
| 2007 - Present | <ol style="list-style-type: none"> 7. Barnett, W.S., Baker, B.D., Bausmith, J., Burzichelli, C., J., Firestone, W., Goertz, P., Mackey, P. Evaluating the Productivity and Efficiency of New Jersey’s Public Schools. 8. Changing demography of rural communities: Implications for state education policy. Funding Source: <u>U.S. Department of Agriculture</u>. Subcontract with Tennessee State University (Gary Peevely, PI). \$54,000 subcontract (through 2009) |
| 2006 | <ol style="list-style-type: none"> 9. Evaluating wage variation and marginal costs associated with student needs and school and district characteristics in Washington. Funding Source: <u>Washington Education Association</u>. Subcontract with Education Policy Improvement Center (U. of Oregon, David Conley, PI). \$50,000 subcontract (included course buy-out for Spring 2006) 10. Evaluation of Hawaii’s Weighted Student Funding Program. Funding Source: <u>Hawaii Board of Education</u>. Co-PI with Scott Thomas, U. of Georgia. \$24,440 total. |
| 2005 | <ol style="list-style-type: none"> 11. Evaluating wage variation and marginal costs associated with student needs and school and district characteristics in Wyoming. Funding Source: <u>Wyoming Legislature</u>. Subcontract to Lawrence O. Picus and Associates. \$40,000 subcontract (\$1 million + total). |
| 2004 | <ol style="list-style-type: none"> 12. Texas School Finance Project. Funding Source: <u>Joint Select Committee on School Finance of the Texas Legislature</u>. Co-PI with Lori Taylor, Tim Gronberg & Dennis Jansen of Texas A&M. \$30,000+ subcontract. |
| 2002-2003 | <ol style="list-style-type: none"> 13. Design and simulation of state school finance policy options for the State of Texas. Funding Source: <u>Texas Governor’s Office</u>. (included 50% buyout of full-year salary + 45% KU |

* Does not include reports written as expert testimony for litigation or other support (testimony, etc.) for state constitutional or federal litigation.

indirect)

14. Estimating Instructional Costs for Academic Programs: A resource cost model approach. Funding Source: Association for Institutional Research. Co-PI with Christopher Morphew. **\$28,108 total.**

F. BOOKS

- 2008** 1. Baker, B.D., Green, P.C., Richards, C.E. (2008) *Financing Education Systems*. Upper Saddle River, NJ: Merrill/Prentice-Hall, 448 pages
- 2004** 2. Baker, B.D., Richards, C.E. (2004) *The Ecology of Educational Systems: Data and Models for Improvisational Leading and Learning*. Upper Saddle River, NJ: Merrill/Prentice-Hall. 280 pages.

G. JOURNAL[†] & LAW REVIEW[‡] ARTICLES

[i] invited, [lr] law review

- In Press** 1. Baker, B.D. (in press) Exploring the Sensitivity of Education Costs to Racial Composition of Missouri School Districts. *Peabody Journal of Education (special issue)*
2. Fuller, E., Young, M.D., Baker, B.D. (in press) Do Principal Preparation Programs Influence Student Achievement through the Building of Teacher Team Qualifications by the Principal? An Exploratory Analysis. *Educational Administration Quarterly*
- 2011** 3. Baker, B.D., Welner, K. (2011) School Finance and Courts: Does Reform Matter, and How Can We Tell? *Teachers College Record* 113 (11) p. -
- 2010** 4. Baker, B.D., Punswick, E., Belt, C. (2010) School Leadership Stability, Principal Moves, and Departures: Evidence From Missouri *Educational Administration Quarterly* 46 (4) 523-55
5. Baker, B.D., Welner, K.G. (2010) Premature celebrations: The persistence of inter-district funding disparities. *Education Policy Analysis Archives*.
<http://epaa.asu.edu/ojs/article/viewFile/718/831>
6. Baker, B.D., Ramsey, M.J. (2010) What we don't know can't hurt us? Evaluating the equity consequences of the assumption of uniform distribution of needs in Census Based special education funding. *Journal of Education Finance* 35 (3) 245-275
7. Green, P.C., Oluwole, J., Baker, B.D. (2010) Getting their hands dirty: How Alabama's public officials may have maintained separate and unequal education. *West's Education Law Reporter* 253 (2) 503-520
- 2009** 8. Green, P.C. Oluwole, J., Baker, B.D. (2009) No Child Left Behind: Racial Equal Educational Opportunity through School Finance Litigation. *Journal of Gender, Race and Justice* 12 (2) 285-310
9. Baker, B.D. (2009) Evaluating Marginal Costs with School Level Data: Implications for the Design of Weighted Student Allocation Formulas. *Education Policy Analysis Archives* 17 (3)
10. Baker, B.D., Green, P.C. (2009) Equal Educational Opportunity and the Distribution to State Aid to Schools: Can or should racial composition be a factor? *Journal of Education Finance* 34 (3) 289-323
11. Baker, B.D., Elmer, D.R. (2009) The Politics of Off-the-Shelf School Finance Reform. *Educational Policy* 23 (1) 66-105^[i]
- 2008** 12. Green, P.C., Baker, B.D., Oluwole, J. (2008) Obtaining racial equal educational opportunity through school finance litigation. *Stanford Journal of Civil Rights and Civil Liberties* IV (2) 283-338
13. Baker, B.D. (2008) Doing more harm than good? A commentary on the politics of cost

[†] Peer reviewed

[‡] Editorial board reviewed, competitively accepted

- adjustments for wage variation in state school finance formulas. *Journal of Education Finance* 33 (4) 406-440
- 2007** 14. Morphew, C., Baker, B.D. (2007) On the Utility of National Data for Estimating Generalizable Price and Cost Indices in Higher Education. *Journal of Education Finance* 33 (1) 20-49
15. Baker, B.D, Orr, M.T., Young, M.D. (2007) Academic Drift, Institutional Production and Professional Distribution of Graduate Degrees in Educational Administration. *Educational Administration Quarterly* 43 (3) 279-318
16. Baker, B.D., Wolf-Wendel, L.E., Twombly, S.B. (2007) Exploring the Faculty Pipeline in Educational Administration: Evidence from the Survey of Earned Doctorates 1990 to 2000. *Educational Administration Quarterly* 43 (2) 189-220
- 2006** 17. Green, P.C., Baker, B.D., Oluwole, J. (2006) Race Conscious Funding Strategies in School Finance. *Boston University Public Interest Law Journal* 16 (1) 39-72^{LR}
18. Baker, B.D. (2006) Evaluating the Reliability, Validity and Usefulness of Education Cost Studies. *Journal of Education Finance* 32 (2) 170-201 [¶] (GS 18)
19. Green, P.C., Baker, B.D. (2006) Urban Legends, Desegregation and School Finance: Did Kansas City really prove that money doesn't matter? *Michigan Journal of Race and Law* 12 (1) 57-105 [¶] (LRIS)
20. Baker, B.D., Dickerson, J. (2006) Charter Schools, Teacher Labor Market Regulation and Teacher Quality: Evidence from the Schools and Staffing Survey. *Educational Policy* 20 (5) 752-779 [¶] (GS 4)
21. Wolf-Wendel, L, Baker, B.D., Twombly, S., Tollefson, N., & Mahlios, M. (2006) Who's Teaching the Teachers? Evidence from the National Survey of Postsecondary Faculty and Survey of Earned Doctorates. *American Journal of Education* 112 (2) 273-300 [¶] (GS 7)
- 2005** 22. Baker, B.D., Cooper, B.S. (2005) Do Principals with Stronger Academic Backgrounds Hire Better Teachers? Policy Implications for High Poverty Schools. *Educational Administration Quarterly* 41 (3) 449-479^{**} [¶] (GS 11)
23. Baker, B.D., Green, P.C. (2005) Tricks of the Trade: Legislative Actions in School Finance that Disadvantage Minorities in the Post-Brown Era *American Journal of Education* 111 (May) 372-413 [¶] (GS 6)
24. Baker, B.D. (2005) The Emerging Shape of Educational Adequacy: From Theoretical Assumptions to Empirical Evidence. *Journal of Education Finance* 30 (3) 277-305 [¶] (GS 9)
25. Green, P.C., Baker, B.D. (2005) Montoy v. Kansas and Racial Disparities in School Funding: Will the Kansas Courts Get it Right this Time? *West's Education Law Reporter* April, 21 681-696
26. Baker, B.D. (2005) What will it take to make Kansas School Funding "Cost-Based?" *Kansas Policy Review* 27 (2) 21-30 [¶]
27. Green, P.C., Baker, B.D. (2005) History of School Finance Reform and Litigation in Kansas. *Kansas Policy Review* 27 (2) 2-6[¶]
- 2004** 28. Baker, B.D., Friedman-Nimz, R.C. (2004) State Policy Influences Governing Equal Opportunity: The Example of Gifted Education. *Educational Evaluation and Policy Analysis* 26 (1) 39-64 [¶] (GS 13)
29. Morphew, C.C., Baker, B.D. (2004) The Cost of Prestige: Do New Research I Universities Incur Higher Administrative Costs? *Review of Higher Education* 27 (3) 365-384 [¶] (GS 6)
30. Wood, R.C., Baker, B.D. (2004) An examination and analysis of the equity and adequacy concepts of constitutional challenges to state education finance distribution formulas. *University of Arkansas at Little Rock Law Review* 27 125 [¶]
31. Baker, B.D., Duncombe, W.D. (2004) Balancing District Needs and Student Needs: The Role of Economies of Scale Adjustments and Pupil Need Weights in School Finance Formulas. *Journal of Education Finance* 29 (2) 97-124 [¶] (GS 3)

§ Ranked #1 Law Review on *impact factor* for minority, race & ethnic issues. Ranked #78 overall.

** Most frequently accessed article in September, 2005 (Online version of EAQ)

32. Baker, B.D. (2004) A Closer Look at the Costs of Serving Children Living on the Edges: At Risk, Limited English Proficient & Gifted Children. *Educational Considerations* 32 (1) 42-54 [¶]
- 2003** 33. Baker, B.D. (2003) State policy influences on the internal allocation of school district resources: Evidence from the Common Core of Data. *Journal of Education Finance* 29 (1) 1-24^(GS 8)
34. Baker, B.D. McIntire, J. (2003) Evaluating State School Funding for Gifted Education Programs. *Roeper Review* 26 (3) 173-179 ^(GS 5)
35. Baker, B.D., Friedman-Nimz, R.C. (2003) Gifted Children, Vertical Equity and State School Finance Policies and Practices. *Journal of Education Finance* 28 (4) 523-556 ^(GS 5)
36. Baker, B.D., Green, P.C. (2003) Commentary: The Application of Section 1983 to School Finance Litigation. *West's Education Law Reporter*. 173 (3) 679-696
- 2002** 37. Baker, B.D., Richards, C.E. (2002) Exploratory Application of Systems Dynamics Modeling to School Finance Policy. *Journal of Education Finance* 27 (3) 857-884
38. Baker, B.D., Friedman-Nimz, R.C. (2002) Determinants of the Availability of Opportunities for Gifted Children: Evidence from NELS '88. *Leadership and Policy in Schools* 1 (1) 52-71 ^(GS 9)
39. Baker, B.D., Markham, P. (2002) State School Funding Policies and Limited English Proficient Children. *Bilingual Research Journal* 26 (3) 659-680
40. Baker, B.D., Friedman-Nimz, R.C. (2002) Is a Federal Mandate the Answer? If so, what was the question? *Roeper Review* 25 (1) 5-10 ^(GS 4)
41. Green, P.C., Baker, B.D. (2002) Circumventing Rodriguez: Can plaintiffs use the Equal Protection Clause to challenge school finance disparities caused by inequitable state distribution policies? *Texas Forum on Civil Liberties and Civil Rights* 7 (2) 141 – 165 ^{¶¶†† (GS 7)}
- 2001** 42. Baker, B.D. (2001) Gifted Children in the Current Policy and Fiscal Context of Public Education: A National Snapshot & Case Analysis of the State of Texas. *Educational Evaluation and Policy Analysis* 23 (3) 229-250 ^(GS 13)
43. Baker, B.D. (2001) Can Flexible Non-linear Modeling Tell Us Anything New About Educational Productivity? *Economics of Education Review* 20 (1) 81-92 ^{(GS 21)##}
44. Baker, B.D. (2001) Living on the Edges of School Funding Policy: The Plight of At-Risk, Limited English Proficient and Gifted Children. *Educational Policy* 15 (5) 699-723 ^(GS 11)
45. Baker, B.D. (2001) Balancing Equity for Students and Taxpayers: Evaluating School Finance Reform in Vermont. *Journal of Education Finance* 26 (4) 437-462 ^(GS 5)
46. Baker, B.D. (2001) Measuring the Outcomes of State Policies for Gifted Education: An Equity Analysis of Texas School Districts. *Gifted Child Quarterly* 45 (1) 4-15 ^(GS 11)
- 2000** 47. Baker, B.D., Keller-Wolf, C., Wolf-Wendel, L. (2000) Two Steps Forward, One Step Back: Race, Ethnicity and Academic Achievement in Education Policy Research. *Educational Policy* 14 (4) 511-529 ^(GS 15)
48. Wolf-Wendel, L., Baker, B.D., Morpew, C. (2000) Dollars & Sense: Resources and the Baccalaureate Origins of Women Doctorates. *Journal of Higher Education* 71 (2) 165-186 ^(GS 14)
- 1999** 49. Baker, B.D., Richards, C.E. (1999) A Comparison of Conventional Linear Regression Methods and Neural Networks for Forecasting Educational Spending. *Economics of Education Review* 18 (4) 405 – 416 ^(GS 26)
50. Baker, B.D., Imber, M. (1999) "Rational Educational Explanation" or Politics as Usual? Evaluating the Outcome of Educational Finance Litigation in Kansas. *Journal of Education Finance* 25 (1) 121-139 ^(GS 6)
51. Baker, B.D. (1999) Politics of the Production Function: The Influence of Political Bias on the Deductive Process. *Educational Policy* 13 (1&2) 123-135 ^{¶ (GS 4)}

†† Ranked 328th overall.

GS = Google Scholar. Number of external (not self) citations found on Google Scholar as of 10/14/2010

- 1998** 52. Baker, B.D., Richards, C.E. (1998) Equity through Vouchers: The Special Case of Gifted Children. *Educational Policy* 12 (4) 363-379 ^(GS 9)

H. COMMENTARY/EDITORIALS/REVIEWS

- 2009** 1. Baker, B.D. (2009) All Private Schools are Not Created Equal. *Education Week*
2. Rebell, M.R., Baker, B.D. (2009) Assessing Success in School Finance Litigations. *Education Week*
3. Baker, B. (2009). *Review of "Weighted Student Formula Yearbook 2009."* Boulder and Tempe: Education and the Public Interest Center & Education Policy Research Unit.
<http://epicpolicy.org/thinktank/review-Weighted-Student-Formula-Yearbook>
- 2008** 4. Baker, B.D. (2008) Assessing and Using Educational Data Sources for School and Leadership Research. UCEA Implications Series. www.ucea.org
5. Baker, B.D. (2008) Review of the Fordham Institute Report *Fund the Child: Bringing Equity, Autonomy and Portability to Ohio School Finance*. Education Policy Research Unit. Think Tank Review Project.
- 2007** 6. Baker, B.D. (2007) Review of the Buckeye Institute Report *Shortchanging Disadvantaged Students: An analysis of intra-district spending patterns in Ohio*. Education Policy Research Unit. Think Tank Review Project.
7. Baker, B.D. (2007) Review of The Friedman Foundation Report *School Choice by the Numbers*. Education Policy Research Unit. Think Tank Review Project.
<http://epsl.asu.edu/epru/ttreviews/EPsL-0705-235-EPRU.pdf>
- 2006**^{§§} 8. Baker, B.D., Rebell, M. (2006) Robbing Peter to Pay Paul: Weighted Student Funding is not the 100% Solution. *Education Week* 11/29/06

I. BOOK CHAPTERS

Research Compilations^{***}

- 2010** 1. Baker, B.D. (2010) Review of Susan Aud's "School Choice by the Numbers: The Fiscal Effect of School Choice Programs 1990 – 2006," published by the Friedman Foundation for Educational Choice. In K.G Welner, P.H Hinchey, A. Molnar & D. Weitzman *Think Tank Research Quality* Information Age Publishing pp.97-108
2. Baker, B.D. (2010) Review of Lisa Snell's "Weighted Student Formula Yearbook 2009," published by the Reason Foundation. In K.G Welner, P.H Hinchey, A. Molnar & D. Weitzman *Think Tank Research Quality* Information Age Publishing pp.183-200
- 2009** 3. Baker, B.D., Green, P.C. (2009) Conceptions, Measurement and Application of Educational Adequacy Standards. In D.N. Plank (ed) *AERA Handbook on Education Policy*. New York: Routledge
4. Baker, B.D., Green, P.C., (2009) Separate and Unequal by Design: What's the Matter with the Rising State Role in Kansas? *The Rising State in Education*. Bruce S. Cooper, Lance Fusarelli, Bonnie Fusarelli, Editors. State University of New York Press.
- 2008** 5. Baker, B.D., Green, P.C. (2008) Politics, Empirical Evidence and Policy Design: The Case of School Finance and the Costs of Educational Adequacy. In B.S. Cooper, L. Fusarelli, J. Cibulka (eds) pp. 311 – 337. *Handbook of Education Politics and Policy*. New York: Routledge
6. Green, P.C., Baker, B.D. (2008) The No Child Left Behind Act and the Re-Emergence of Equal

^{§§} Not including local/regional news outlets

^{***} Chapters that are essentially research articles, invited for inclusion in a compilation/research annual. Not refereed. Peer evaluated/edited.

- Educational Opportunity Litigation, in *Our Promise: Achieving Educational Equity for Americas Children* (M. Dyson & D. Weddle, eds., Carolina Academic Press).
7. Baker, B.D., Green, P.C. (2008) Conceptions of Equity and Adequacy in School Finance. In H.F. Ladd and E.B. Fiske (eds) *Handbook of Research in Education Finance and Policy* New York: Routledge. pp. 203-221
 - 1999** 8. Cooper, B.S., Cilo, M.R. & Baker, B.D. (1999) Making the transition from school to college: The case of New York City Public Education. In *American Education Annual: Trends and Issues in the Educational Community (1998-1999)*. New York, NY: Gale Research.
 9. Baker, B.D. (1999) Politics of the Production Function: The Influence of Political Bias on the Deductive Process. In Vance Randall and Bruce Cooper (Eds.), pp. 123-135, *Accuracy or Advocacy: The Politics of Research in Education*. Yearbook of The Politics in Education Association. Thousand Oaks: Corwin Press, Sage Publications.

Instructional

- 2001** 10. Baker, B.D. (2001) New Tools for Strategic Decision-Making: Systems Thinking Applied with ITHINK. In G. Ivory, *What Works in Computing for School Administrators?* Scarecrow Press
11. Baker, B.D. (2001) Back to School: Systems Modeling and the Educational Setting. In G. Ivory, *What Works in Computing for School Administrators?* Scarecrow Press

Monograph Annuals^{†††}

- 2001** 12. Baker, B.D. (2001) Evolving Again: Environmental Pressures and Increasing Disequilibrium in Kansas School Finance. In Christopher F. Roellke (Ed.) *In Search of a More Equitable and Efficient Education System*. Proceedings of the 2001 Annual Meeting of the American Educational Research Association, Fiscal Issues, Policy, and Educational Finance – Special Interest Group. Seattle, WA.
- 2000** 13. Baker, B.D. (2000) Full State Control Out of Control: School Finance in Kansas in the 1990s. in Brian O. Brent (Ed.) *The Political Economy of Education: the State of the States and Provinces*. Proceedings of the 1999 Annual Meeting of the American Educational Research Association, Fiscal Issues, Policy, and Educational Finance – Special Interest Group. Montreal, QE.

J. MANUSCRIPTS UNDER REVIEW

Journal Articles: Under Review (Revise & Resubmit)

1. Killeen, K., Baker, B.D. Addressing the Moving Target: Should measures of student mobility be included in education cost studies? *Education Finance and Policy*

Journal Articles: Under Review (1st round)

1. Baker, B.D. Re-arranging deck chairs in Dallas: Contextual constraints on within district resource allocation in large urban Texas school districts.
2. Baker, B.D., Fuller, E. The Declining Academic Quality of School Principals and Why it May Matter.

K. MANUSCRIPTS IN PREPARATION

Journal Articles

1. Green, P.C., Baker, B.D., Oluwole, J. Legal implications of dismissing teachers on the basis of value-added measures based on student test scores.
2. Baker, B.D., Sciarra, D., Coley, R. The Fairness Index: An alternative approach to evaluating state school finance systems.

^{†††} Brief chapters that are included in professional organization annual compilations. Not refereed

3. Baker, B.D., Peevely, G., Harrison, R. Competitive Wages and the Distribution of Teachers Across Demographically Diverse Micropolitan Schools

Book Chapters

1. Baker, B.D., Ramsey, M.J., Green, P.C. (in progress) Financing equal educational opportunity for children with disabilities. In M.L. Boscardin (ed) *Handbook of Research on Special Education Leadership*

L. MONOGRAPHS & OTHER MANUSCRIPTS

Edited Compilations^{##}

Baker, B.D. (ed.) State of the States and Provinces. Annual publication of the American Educational Research Association, Special Interest Group on Fiscal Issues

Commissioned Reports & Papers

Baker, B.D., Farrie, D., Sciarra, D. (2010) Is School Funding Fair? Commissioned by the Education Law Center of New Jersey in collaboration with the Ford Foundation and Educational Testing Service.

Baker, B.D., Ferris, R. (2010) Venture Philanthropy and Fiscal Disparities in New York City Charter Schools. Education in the Public Interest Center. University of Colorado at Boulder.

Baker, B.D. (2009) Private Schooling in the U.S.: Expenditures, Supply and Policy Implications. Great Lakes Center for Education Research and Practice.

http://www.greatlakescenter.org/docs/Policy_Briefs/Baker_PvtFinance.pdf

Baker, B.D. (2009) Evaluation of New Jersey's School Finance Reform Act. Education Law Center.

Burzichelli, C., Barnett, W.S. et al. (2008) NJDOE Resource Allocation Study.

Baker, B.D., Taylor, L.L., Vedlitz, A. (2008) Adequacy Estimates and the Implications of Common Standards for the Cost of Instruction. *National Research Council*.

Baker, B.D. (2007) Arizona's State School Finance Formula Fails to Guarantee Equal Educational Opportunity. *Arizona Center for Law in the Public Interest*

Baker, B.D. (2006) Estimating the Costs of Meeting Educational Outcome Standards in Illinois: A Cost Function Approach. *The Chicago Reporter: Chicago Matters*

Baker, B.D. (2006) Missouri's State School Finance Formula Fails to Guarantee Equal or Minimally Adequate Educational Opportunity to Missouri Schoolchildren. Prepared for plaintiff districts in *Committee for Educational Equality v. State*

Baker, B.D., Thomas, S.L. (2006) Review of Hawaii's Weighted Student Formula. Hawaii State Board of Education.

Baker, B.D. (2005 - Fall) Nebraska's State School Finance Policy Fails to Provide Equal Opportunity for Nebraska School Children.

Baker, B.D. (2005 - Fall) Using Econometric Methods to Reconcile School-Level Economies of Scale Adjustments in the Wyoming School Funding Model. Lawrence O. Picus & Associates, North Hollywood, CA.

Baker, B.D. (2005 - Fall) Development of an Hedonic Wage Index for the Wyoming School Funding Model. Lawrence O. Picus & Associates, North Hollywood, CA.

Baker, B.D. (2005 - Fall) Commentary on the Kansas "Cost of Living Adjustment." Prepared on behalf of plaintiff districts in the case of *Montoy v. Kansas*.

Wood, C.R., Baker, B.D. (2004) Evaluation of Texas School Finance Policy. Prepared for the Attorney General of the State of Texas in the Case of *West Orange Cove v. State*

Wood, C.R., Baker, B.D. (2004) Evaluation of Missouri School Finance Policy. Report to the Missouri State Legislature.

^{##} Served as editor for professional organization collection of policy briefs

- Baker, B.D., Taylor, L., Vedlitz, A. (2003) *Measuring Educational Adequacy in Public Schools*. Report to the Texas Select Joint Committee on Education Finance.
- Baker, B.D. (2003) *Evaluation of the Suitability of the Kansas School District Finance Act. Expert Testimony in the Case of Montoy v. Kansas*. Report commissioned by Husch and Eppenger (Wichita), Somers, Robb and Robb (Newton) and Schools for Fair Funding, Inc.
- Baker, B.D. (2003) *Favoring District Needs over Student Needs: The Adverse Effects of the Kansas School District Finance Act on Minority Children and Children with Disabilities*. Expert Witness Testimony in the Case of Robinson v. Kansas. Report commissioned by Husch and Eppenger (Wichita), Somers, Robb and Robb (Newton) and Schools for Fair Funding, Inc.
- Baker, B.D. (2002) *Evaluating the Performance of Private Schools Receiving Scholarship Students from the Educational Choice Charitable Trust*. Indianapolis, IN.
- Baker, B.D. (2002) *The Allocation of Fiscal and Human Resources in Kansas School Districts*. Prepared under contract for United School Administrators of Kansas. Topeka, KS.
- Baker, B.D. (2001) *Living on the Edges of School Funding Policy: The Plight of At-Risk, Limited English Proficient and Gifted Children*. National Center for Education Statistics, U.S. Department of Education, Washington, DC.
- Baker, B.D. (2001) Expert Witness Report. Analysis and Opinions on the Suitability of the School District Finance Act. *Montoy v. State of Kansas*, No. 99-C-1788 (Shawnee County Dist. Ct.)

Invited Reports

- Brant, D. (Chair), Baker, B., Ballard, B., Ferguson, L., Jones, D., Vratil, J. (Drafting Team) (2000) Final Report of the Governor's 21st Century Vision Task Force. K-12 Education: Financing for Results. Presented to Governor Bill Graves, December 1, 2000.

Other Reports/Monographs

- Baker, B.D. (1997) *A Comparison of Statistical and Neural Network Models for Forecasting Educational Spending*. Doctoral Dissertation. Teachers College, Columbia University. Sponsor: Craig E. Richards.
- Baker, B.D. (1995) *The Economic Health of Gifted Education in Three Northeastern States: an analysis of public school opportunities and private programs in New York, Connecticut and New Jersey*. Unpublished Manuscript. Teachers College, Columbia University (Department of Organization and Leadership). ERIC Clearinghouse on Disabilities and Gifted Education. ED 419 321.
- Baker, B.D. (1995) *The Economics of Privatized Management of Public Schools: The Case of Education Alternatives and the Baltimore City Public Schools*. Unpublished Manuscript. Teachers College, Columbia University (Department of Organization and Leadership). Data analyses eventually published in "Risky Business: The Private Management of Public Schools." Economic Policy Institute. 1996.

Policy Briefs

- Baker, B.D. (2002) Financing "Adequate" Educational Services in Kansas. Prepared for the Kansas Economic Policy Conference. Policy Research Institute. University of Kansas. www.pri.ku.edu
- Baker, B.D. (2002) Policy Brief on State Funding for Programs for the Gifted and Talented. Prepared for the State Legislative Policy Task Force of the National Association for Gifted Children. James Gallagher, Chair.
- Baker, B.D. (2000) Policy Brief to the Governor's Task Force on Education Finance: School Performance-Based Incentive Funding. Presented to the 21st Century Vision Task Force on Public Education: Financing for Results. State of Kansas. David Brant, Chair.
- Baker, B.D. (2000) Policy Brief to the Governor's Task Force on Education Finance: Estimating and Funding an "Adequate" Education in Kansas. Presented to the 21st Century Vision Task Force on Public Education: Financing for Results. State of Kansas. David Brant, Chair.
- Baker, B.D. (2000) Policy Brief to the Governor's Task Force on Education Finance: At Risk Funding. Presented to the 21st Century Vision Task Force on Public Education: Financing for Results. State of

Kansas. David Brant, Chair.

Baker, B.D. (2000) Policy Brief to the Governor's Task Force on Education Finance: Policy Options for Special Education Funding. Presented to the 21st Century Vision Task Force on Public Education: Financing for Results. State of Kansas. David Brant, Chair.

Baker, B.D. (1999) Policy proposals for the future of gifted education. *Brief solicited by Council for Exceptional Children (CEC)*. Prepared for Jay McIntire, Policy Specialist for Governmental Relations.

Baker, B.D. & Richards, C.E. (1998) Equal Opportunity for Gifted Urban Kids: How Vouchers Can Help.

Baker, B.D. (1997) *Chain Reaction: Bad Research, Bad Policy, Implications for the Gifted*. New York State Association for Gifted and Talented Education (AGATE). ERIC Clearinghouse on Disabilities and Gifted Education.

M. NATIONAL & INTERNATIONAL CONFERENCE PRESENTATIONS

Master Classes

Baker, B.D., Friedman-Nimz, R.C. (2002 – Spring) *Designing and Evaluating State Policies for Meeting the Needs of Gifted Children*. Annual Meeting of The Council for Exceptional Children. New York, NY.

Baker, B.D., Friedman-Nimz, R.C. (2001 – Fall) *Designing and Evaluating State Policies for Meeting the Needs of Gifted Children*. Annual Meeting of The National Association for Gifted Children. Cincinnati, OH.

Symposia^{§§§}

(2009-Spring) Symposium on Litigation. With Kevin Welner (U. Colo.), Michael Rebell (Teachers College), Bill Koski (Stanford U.), Anne Newman (Wash. U.). American Education Research Association. San Diego, CA.

(2009-Spring) Symposium on the Distribution of Title I Funding. With Kevin Welner, Kevin Carey, Marguerite Roza and Goodwin Liu. American Education Research Association. San Diego, CA.

(2009-Spring) Symposium on Within District Resource Allocation. With Ross Rubenstein and Larry Miller (Syracuse U.), Jesse Levin (AIR)

(2008-Spring) Presidential Session: Think Tanks and Educational Research. With David Berliner, W. Steven Barnett, Walter Farrell, Alex Molar and Kevin Welner.

Baker, B.D., Fuller, E., Young, M.D., Punswick, E., Belt, C., Liu, E. (2007-Fall) Understanding Principal Labor Markets. University Council on Educational Administration. Alexandria, VA.

Baker, B.D., Elmer, D., Slagle, M., Arbuckle, L. (2007-Fall) Racial Isolation and the Costs of Providing Equal Educational Opportunity. University Council on Educational Administration. Alexandria, VA.

Baker, B.D., Oluwole, J., Ramsey, M. (2007-Fall) Legal, Conceptual and Empirical Foundations of Vertical Equity. University Council on Educational Administration. Alexandria, VA.

Ed Fuller (U.T. Austin), Bruce Baker (U. of Kansas), Michelle Young (U.T. Austin), Margaret Terry Orr (Bank Street College) (2006-Fall) Examining the Impact of Principals and Principal Preparation Programs. University Council on Educational Administration. San Antonio, TX.

Margaret Terry Orr (Bank Street College), Bruce D. Baker (U. of Kansas) and others (2006 – Spring). *Leadership Preparation and Development*. Annual Meeting of the American Educational Research Association. San Francisco, CA.

Margaret Terry Orr (Bank Street College), Bruce D. Baker (U. of Kansas) and others (2005 – Fall). *Researching the Big Picture of Leadership Preparation Programs*. Annual Meeting of the University Council on Educational Administration. Nashville, TN.

Verstegen, D.A., Jordan, T., Jordan, K.F., Cooper, B.S., Addonizio, M. (2005 – Spring) *Adequacy: It's Measurement and Conceptualization*. Annual Meeting of The American Education Finance Association.

^{§§§} Entire session proposed by group of authors. Competitive acceptance, but often not blind review.

Louisville, KY.

- Picus, L.O., Conley, D., Baker, B., Mathis, W. (2005 – Spring) *Conceptions of Educational Adequacy*. Annual Meeting of the American Educational Research Association. Montreal, QE.
- Baker, B.D., Duncombe, W.D., Reschovsky, A., Imazeki, J., Chambers, J.G. (2004 – Spring) *Striking the Right Balance between District and Student Needs in Cost Adjustments to State Aid: Findings from Research and Implications for Policy*. Annual Meeting of The American Education Finance Association. Salt Lake City, UT.
- Baker, B.D.^(c), Driscoll, L., Salman, R., Huff, B., Picus, L.O. (2001 – Spring) *Unlocking the Potential of Dynamic Systems Modeling*. Annual Meeting of The American Education Finance Association. Cincinnati, OH.
- Baker, B.D. (2000 – Fall) *Exploring the Equitable Distribution of Resources for Gifted Children*. In Jenkins, R.C., McIntire, J. “Exploring Directions for G/T Policies: Twenty-first Century Implications.” Symposium with Mary Ruth Coleman (UNC Chapel Hill), Davis Hendricks (Pulaski County Special School District, AR), Joseph S. Renzulli (University of Connecticut, National Research Center on the Gifted and Talented). Annual Meeting of the National Association for Gifted Children. Atlanta, GA.
- Baker, B.D., Richards, C.E. (2000 – Spring) *Designed to Fail: Static School Funding Formulas in Dynamic Systems*. Interactive Symposium with Allan R. Odden (University of Wisconsin), Lawrence O. Picus (University of Southern California), Scott R. Sweetland (Ohio State University), “Data, Models and Simulations for Research, Practice and Teaching in School Finance.” Annual Meeting of the American Education Finance Association. Austin, TX.
- Cooper, B.S., Cilo, M.R., Baker, B.D. (2000-Spring) *Applying the Concept of K-16 Education in NYC: Bridging the Methodological Gaps between Schools and Colleges*. Symposium with Michael Kirst (Stanford University), Margaret Terry Orr (Teachers College), Sheri Ranis (Social Science Research Council), Deborah Sullivan (American Institutes for Research), Debra Bragg (University of Illinois), Donna Dare (University of Illinois), David Brennaman (University of Virginia), Richard Hasselbach (CUNY), “Beyond High School: Negotiating the School-to-College Transition into the 21st Century.” Annual Meeting of the American Educational Research Association, Division J. New Orleans, LA.

Paper Sessions

- Baker, B.D., Peevely, G., Harrison, R. (2010-Spring) *Competitive Wages and the Distribution of Teachers Across Demographically Diverse Micropolitan Schools*. American Education Research Association.
- Fuller, E., Young, M., Baker, B. (2009 - Spring) *School Leadership, Entrance, Attrition and Migration*. American Education Research Association. San Diego, CA.
- Clifford, M., Brown, C., Baker, B. (2009 - Spring) *The Relationship between Principals Attributes, School Level Teacher Quality and Turnover*. American Education Research Association. San Diego, CA.
- Peevely, G., Baker, B., Smith, S. (2009- Spring) *Education and the Black Belt: The Need for Additional Capacity*. American Education Research Association. San Diego, CA.
- Baker, B.D., Ramsey, M. (2009-Spring) *Census based funding in special education: Can it really provide equity for children with disabilities?* American Education Research Association. San Diego, CA.
- Baker, B. (2008-Spring) *Wage Adjustments in State School Finance Policy: Doing more harm or good?* American Educational Research Association. NY, NY.
- Killeen, K, Baker, B. (2008-Spring) *Addressing the moving target: Should measures of student mobility be included in education cost studies*. American Educational Research Association. NY, NY.
- Slagle, M., Yan, B., Baker, B.D. (2008-Spring) *A Geographically Weighted Regression Approach for Explaining Spatial Variation Among School Districts in Education Demand*. American Educational Research Association. NY, NY.
- Fuller, E., Baker, B.D., Young, M.D. (2008-Spring) *Examining the effect of school leaders and their preparation on teacher quality and student achievement*. American Educational Research Association. NY, NY.
- Baker, B. (2008-Spring) *Within district budgeting policy and the allocation of resources across schools:*

- What do we really know? American Education Finance Association, Denver, CO.
- Slagle, M., Yan, B., Baker, B.D. (2008-Spring) A Geographically Weighted Regression Approach for Explaining Spatial Variation Among School Districts in Education Demand. American Education Finance Association, Denver, CO.
- Punswick, E., Baker, B. (2008-Spring) Principal Backgrounds and School Leadership Stability: Evidence from Flyover Country. American Education Finance Association, Denver, CO.
- Baker, B. (2007-Spring) The Politics of Teacher Wage Adjustments in State School Finance Policies. American Education Finance Association. Baltimore, MD.
- Killeen, K, Baker, B. (2007-Spring) On the move: Evaluating the impact of measures of student population transiency on district level costs of improving educational outcomes. American Education Finance Association. Baltimore, MD.
- Fuller, E., Young, M.D., Baker, B.D. (2007-Spring) Career Paths and the Influence of School Principals on Teachers. American Educational Research Association Chicago, IL
- Baker, B.D. (2007-Spring) Black-White Funding Disparities in America's Major Metropolitan Areas: Implications for Teacher Labor Markets. American Educational Research Association Chicago, IL
- Baker, B.D., Green, P.C. (2007-Spring) Evaluating the Effect of Racial Isolation on the Cost of Educational Outcomes in Two Midwestern States. American Educational Research Association Chicago, IL
- Baker, B.D., Thomas, S.L. (2007-Spring) Toward what end? Comparing the costs of producing adequate test scores with the costs of improving college matriculation. American Educational Research Association Chicago, IL
- Baker, B.D., Green, P.C. (2006-Fall) Black-White Funding Disparities in America's Major Metropolitan Areas. University Council on Educational Administration. San Antonio, TX.
- Ng, J.C., Baker, B.D. (2006-Spring) Big Changes in Small Town America: A macro level analysis of micropolitan schooling. Annual Meeting of the American Educational Research Association. San Francisco, CA.
- Slagle, M., Baker, B.D. (2006 – Spring) Application of Local Indicators of Spatial Association Modeling to Missouri Teacher Wages. Annual Meeting of the American Education Finance Association.
- Baker, B.D., Green, P.C. Goin' to Kansas City: A critical empirical analysis of the *Urban Legends* of the aftermath of *Missouri v. Jenkins*. (2005 – Fall) Annual Meeting of the University Council on Educational Administration. Nashville, TN.
- Morphew, C.C., Baker, B.D. (2005 – Spring) Sibling Rivals: Conceptualizing the Relationship between K-12 and Postsecondary Finance at the State Level. Annual Meeting of the American Educational Research Association. Montreal, QE.
- Baker, B.D., Green, P.C. (2005 – Spring) The Re-Measurement of Equity (and Adequacy) in School Finance. Annual Meeting of the American Educational Research Association. Montreal, QE.
- Morphew, C.C., Baker, B.D. (2005 – Spring) Sibling Rivals: Conceptualizing the Relationship between K-12 and Postsecondary Finance at the State Level. Annual Meeting of the American Education Finance Association. Louisville, KY.
- Baker, B.D., Green, P.C. (2005 – Spring) The Re-Measurement of Equity (and Adequacy) in School Finance. Annual Meeting of the American Education Finance Association. Louisville, KY.
- Baker, B.D., Green, P.C. (2004 – Fall) Race as a "Plus Factor" in School Finance Policy. Annual Meeting of the American Education Finance Association. Louisville, KY.
- Baker, B.D., Green, P.C. (2004 – Fall) Race as a "Plus Factor" in School Finance Policy. Annual Meeting of the University Council on Educational Administration. Kansas City, MO.
- Baker, B.D., Wolf-Wendel, Lisa E. (2004 – Fall) Exploring the Faculty Pipeline in Educational Administration: Evidence from the Survey of Earned Doctorates 1990 to 2000. Annual Meeting of the University Council on Educational Administration. Kansas City, MO.
- Baker, B.D., Keller, H. (2004 – Spring) A Systematic Approach to Computer Simulation Development in School Finance: Application to the State of Texas. Annual Meeting of The American Education Finance

Association. Salt Lake City, UT.

- Wolf-Wendel, L.E., Baker, B.D., Twombly, S., Mahlios, M. (2004 – Spring) Who's Teaching the Teachers? An empirical analysis of predictors of doctoral degree attainment and faculty placement in teacher education. Annual Meeting of the American Educational Research Association. San Diego, CA.
- Baker, B.D., Markham, P. (2004 – Winter) A Comprehensive Legal and Empirical Framework for Evaluating State Financial Aid for the Provision of Services to English Language Learners. Annual Meeting of the National Association for Bilingual Education (NABE). Albuquerque, NM.
- Baker, B.D., Green, P.C., Fusarelli, L. (2003 – Fall) Tricks of the Trade: Legislative Actions in School Finance that Disadvantage Minorities in the Post-Brown Era. Annual Meeting of the University Council on Educational Administration. Portland, OR.
- Baker, B.D. (2003 – Fall) Principals' Academic Preparation and Experience and the Distribution of Quality Teachers? Evidence from the Schools and Staffing. Annual Meeting of the University Council on Educational Administration. Portland, OR.
- Baker, B.D. (2003 – Spring) *The Collapse of the Kansas School District Finance Act*. Symposium on the State of the States and Provinces. Annual Meeting of The American Educational Research Association. Chicago, ILL.
- Morphew, C & Baker, B.D. (2003 – Spring) *Measuring the Costs to Baccalaureate Degree Attainment: A Resource Cost Model Approach*. Annual Meeting of The Association for Institutional Research. Tampa, FL.
- Baker, B.D. & Morphew, C (2003 – Spring) *Measuring the Costs to Baccalaureate Degree Attainment: A Resource Cost Model Approach*. Annual Meeting of The American Education Finance Association. Orlando, FL.
- Green, P.C. & Baker, B.D. (2002 – Spring) *Circumventing Rodriguez: Alternatives for Seeking Federal Solutions to State School Finance Inequities*. Annual Meeting of The American Educational Research Association. New Orleans, LA.
- Baker, B.D. (2002 - Spring) *Living on the Edges of School Funding Policy: The Plight of At-Risk, Limited English Proficient and Gifted Children*. Annual Meeting of The American Educational Research Association. New Orleans, LA.
- Baker, B.D. (2002 – Spring) *Estimating the Adequacy and Effects of State Aid Allocations for Gifted, Limited English Proficient and At Risk Students*. Annual Meeting of The American Education Finance Association. Albuquerque, NM.
- Baker, B.D. (2002 – Spring) *Determinants of Within and Between State Differences in the Internal Allocation of District Resources: Evidence from the Common Core of Data*. Annual Meeting of The American Education Finance Association. Albuquerque, NM.
- Baker, B.D., Richards, C.E. (2001 - Spring) *Unlocking the Potential of Dynamic Systems Modeling in School Finance*. Proposal for a Demonstration/Consultation Session. SIG - Fiscal Issues. Annual Meeting of The American Educational Research Association. Seattle, WA.
- Morphew, C.C., Baker, B.D. (2001 - Spring) *The Administrative Lattice and the New Research I Universities*. Division J – Higher Education. Division J. Annual Meeting of The American Educational Research Association. Seattle, WA.
- Baker, B.D., Friedman-Nimz (2001 - Spring) *State Policy Influences Governing Equal Opportunity: The Example of Gifted Education*. American Education Finance Association Annual Meeting. Cincinnati, OH.
- Baker, B.D., Green, P.C. (2001 - Spring) *Challenging School Finance Policy as Civil Rights Violation: The Application of Title VI to School Finance in Kansas*. American Education Finance Association Annual Meeting. Cincinnati, OH.
- Baker, B.D. (2000-Spring) *Challenging Opportunities in Fiscally Challenged Schools?* Annual Meeting of the American Education Finance Association. Austin, TX.
- Baker, B.D. (1999-Spring) *Searching for a "Rational Educational Explanation" for Spending Differences in*

- Kansas Schools*. Annual Meeting of the American Education Finance Association. Seattle, WA.
- Baker, B.D. (1999-Spring) *A Comparison of Linear and Non-linear Models for Testing the Sensitivity of Cost to Different Performance Expectations*. Annual Meeting of the American Education Finance Association. Seattle, WA.
- Baker, B.D. (1999-Spring) *Effort, Burden, What do They Really Mean? Testing the Fairness of Formula Alternatives for Vermont*. Annual Meeting of the American Education Finance Association. Seattle, WA.
- Baker, B.D. (1999-Spring) *Predicting the Cost of High Performance: A Sensitivity Simulation Using GMDH Neural Networks*. Annual Meeting of the American Educational Research Association. Division L. Montreal, Quebec.
- Baker, B. D., Keller-Wolf, C., Wolf-Wendel, L. (1999-Spring) *Dispelling Myths through Disaggregation: The relationship between race/ethnicity and student achievement*. Annual Meeting of the American Educational Research Association. Montreal, Quebec.
- Baker, B.D. (1998-Fall) *Systems Thinking Applied: Moving Beyond Conversation with ITHINK*. Annual Meeting of the University Council on Educational Administration. St. Louis, MO.
- Baker, B.D. (1998-Fall) *Enhancing our Understanding of the Complexities of Education: "Knowledge Extraction from Data" Using Neural Networks*. Annual Meeting of the University Council on Educational Administration. St. Louis, MO.
- Wolf-Wendel, L., Baker, B.D., Morphew, C. (1998-Fall) *Dollars & \$ense: Resources and the Baccalaureate Origins of Women Doctorates*. Annual Meeting of the Association for the Study of Higher Education. Miami, Florida.
- Baker, B.D. (1998-Spring) *A Comparison of Linear and Flexible Non-Linear Regression Methods for Forecasting Educational Spending*. Annual Meeting of the American Education Finance Association. Mobile, AL.
- Baker, B.D. (1998-Spring) *An Inductive Approach to Production-Function Modeling: A Comparison of Group Method of Data Handling (GMDH) and Other Neural Network Methods*. Annual Meeting of the American Education Finance Association. Mobile, AL.
- Baker, B.D., Richards, C.E. (1997-Spring) *Equity Through Vouchers: The Special Case of Gifted Education*. Annual Meeting of the American Education Finance Association. Jacksonville, FL.
- Richards, C.E., Baker, B.D., Cilo, M. (1996-Spring) *Is Privatization More Efficient? The Case of Education Alternatives inc. in Baltimore*. Annual Meeting of the American Educational Research Association. New York, NY.

Roundtables

- Wolf-Wendel, L.E., Twombly, S., Baker, B.D. (2006 – Spring) *Pathways to the Professoriate in Educational Administration: Are they different for men and women?* Annual Meeting of the American Educational Research Association. San Francisco, CA.
- Baker, B.D., Lacireno-Paquet, N. (2005 – Fall) *Do the Smarter Kids get the Smarter Teachers? Evidence from the Schools and Staffing Survey on Teacher Sorting and Selective Magnet and Charter Schools*. Annual Meeting of the University Council on Educational Administration. Nashville, TN.
- Baker, B.D., Cooper, B.S. (2004 – Spring) *Do Principals with Stronger Academic Backgrounds Hire Better Teachers? Policy Implications for High Poverty Schools*. Annual Meeting of the American Educational Research Association. San Diego, CA.
- Baker, B.D., Dickerson, J. (2004 – Spring) *Charter Schools and State Policies Regarding Teacher Certification: Using flexibility for "good" or "evil?"* Annual Meeting of the American Educational Research Association. San Diego, CA.
- Baker, B.D. (2001 – Spring) *The State of School Finance in Kansas: State of the States Roundtable Series*. Annual Meeting of The American Educational Research Association. SIG - Fiscal Issues. Seattle, WA.
- Reis, S.B., Baker, B.D., Pewewardy, C., Tippeconnic, J. (1999-Spring) *The Federal Government's Responsibility for Indian Education in an Era of Self-Determination*. Annual Meeting of the American

Educational Research Association. SIG - Indian Education. Montreal, Quebec.

Baker, B.D. (1998-Spring) *Production-Function What's Your Function? A closer look at how the complexities of educational productivity evade traditional analytical techniques, and some new solutions*. Annual Meeting of the American Educational Research Association. San Diego, CA.

Baker, B.D., Richards, C.E. (1998-Spring) *Exploratory Application of Neural Networks to School Finance: Forecasting Educational Spending*. Annual Meeting of the American Educational Research Association. San Diego, CA.

N. OTHER PROFESSIONAL PRESENTATIONS

Guest Lectures

2002 (Fall) 2002 Kansas Economic Policy Conference: At the Crossroads: Can Kansas Afford its Future? Policy Research Institute of the University of Kansas, Lawrence.

2002 (Fall) State Policies, Educational Efficiency and the Internal Allocation of School District Resources. Southwest Educational Development Laboratory (SEDL) Annual Policy Conference. Little Rock, AR.

2002 (Summer) Simulation Modeling in School Finance. Fordham University Summer Institute on School Finance. Coordinator, Bruce S. Cooper.

2002 (Spring) Alternatives for Funding Special Education in Kansas. Kansas Special Education Advisory Committee. Topeka, KS.

2001 (Fall): School Finance in Kansas. School of Education Research Roundtable. University of Kansas.

2000 (Summer) Evaluation & Critique of Kansas School Finance Policy. To the Governor's Task Force on "K - 12 Education: Financing for Results."

1998 (Fall): School Finance Equity in Kansas. School of Education Symposium. University of Kansas.

1998 (Spring): State of the States Roundtable. Annual Meeting of the American Education Finance Association. Mobile, AL. *Invited*

1998 (Spring): Equity and Adequacy in Education. Invited presentation to graduate seminar on Economics and Education. University of Kansas (Coordinator: Barbara Phipps) *Invited*

1997 (Summer): *A Comparison of Statistical and Neural Network Models for Forecasting Educational Spending*. Research Seminar: The RAND Corporation.

1996 (Spring): Technology in the Science Classroom: Using Computers to Develop Analytical Reasoning Skills. NJ Association for Gifted Children Annual Conference (Princeton, NJ)

1995 (Summer): Report on the Economic Health of Gifted Education in the Northeast. An invited roundtable presentation to the elected chairs of the state associations of New Jersey, Connecticut, New York and Massachusetts.

1995 (Spring): Integrating technology into science through projects involving data collection and analysis. College Gifted Day (Montclair State University, NJ)

1994 (Spring) Overview of School Finance Policy in the United States. Korean Ministry of Education. An invited presentation at Teachers College, Columbia University.

1989 (Spring) Developing Scientific Research Projects with Gifted High School Students. Connecticut State Update Conference on Gifted Education. Southern Connecticut State University (New Haven, CT)

O. SERVICE PRESENTATIONS

Special Education Finance Policy. Invited Lecture, University of Kansas. Coordinator - Jeannie Trammel. Spring, 2003.

Financing an Adequate Education in Kansas. Lawrence Business Education Partnership. January, 2003.

Financing an Adequate Education in Kansas. Lawrence - Douglas County League of Women Voters. November, 2002.

Evaluation of Augenblick & Myers Study on "The Cost of a Suitable Education in Kansas." Presented to the

Governors Task Force. August 23, 2002.
Education Finance in Kansas. Invited presentation, University of Kansas Media Tour. Lawrence, KS. Fall, 2001.
Understanding Gifted Education Policy. Invited presentation, Gifted Education Advocacy Conference. Overland Park, KS. Summer, 2001.
Special Education Finance Policy. Invited Lecture, University of Kansas. Coordinator - Jeannie Trammel. Spring, 2000.
Special Education Finance Policy. Invited Lecture, University of Kansas. Coordinator - Jeannie Trammel. Spring, 1999.
Overview of Education Finance Policy. Invited Lecture, University of Kansas. Coordinator - Barbara Phipps. Spring, 1998.

P. ONLINE COURSE MATERIALS

Rutgers University

University of Kansas

T&L 737 - Governance and Organization of Schools:

<http://www.ku.edu/~bdbaker/governance/default.htm>

T&L 754 - Analysis of Administrative Problems:

<http://www.ku.edu/~bdbaker/adminprob/DEFAULT.HTM>

T&L 852 - School Resource Management: <http://www.ku.edu/~bdbaker/resource/default.htm>

T&L 955 - District Business Management: <http://www.ku.edu/~bdbaker/business/default.htm>

T&L 955 - School Finance: Policy and Practice: <http://www.ku.edu/~bdbaker/finance/default.htm>

Q. OTHER GRANTS

External: Not Awarded

Baker, B.D., (PI) The Influence of Resource Progressiveness on Achievement Gaps within Major Metropolitan Areas and Large Urban School Districts. Funding Source – Institute for Education Sciences, U.S. Dept. of Education (\$89,907 for one year, commencing Summer 2007)

Baker, B.D., (PI) The Influence of Resource Progressiveness on Teacher Labor Markets within Major Metropolitan Areas and Large Urban School Districts. Funding Source – Institute for Education Sciences, U.S. Dept. of Education (\$143,303 for two years, commencing Summer 2007)

Baker, B.D. (Subcontractor) Career Paths and Influence of School Administrators. PI – Michelle D. Young, University of Texas at Austin. Funding Source – Institute for Education Sciences, U.S. Dept. of Education (Subcontract = \$40,045 for two years, commencing Summer 2007)

External: Awarded Small Grants

Baker, Bruce D. (PI) *Exploring the Rationality of State Aid for Fringe Populations: Evidence from the Common Core of Data*. 2001 NCES/AEFA New Scholars Program. (\$5,000)

Baker, Bruce D.; Hatley, Richard.; Arney, Lynn. (Spring - 1998) *Technology for Effective Educational Leadership*. Regional Consortia Grants. University Council on Educational Administration. (\$1,000)

Internal: Awarded

Baker, B.D. (2003 – Summer) Understanding the Nexus Between State Policies, Education Governance and Teacher Labor Markets. University of Kansas Policy Research Institute (Research Fellow).

Friedman-Nimz, R.C., Baker, B.D. (2001 - Summer) Estimating the Resource Costs of Opportunities for Gifted Children. Graduate Research Fund. (\$10,000)

- Baker, B.D., Friedman, R.C. (2000 - Summer) Assessing Resource Equity: Social Status and the Availability of Opportunities for Gifted Children. Graduate Research Fund (Award: \$11,979)
- Baker, Bruce D., Pewewardy, Cornel. (Spring - 1998) *Financing Indian Education in an Era of Self Determination*. New Faculty General Research Fund Grants, University of Kansas Center for Research. (\$5,000)

R. OTHER CONSULTANCIES & CONTRACTED RESEARCH

- 2008: EPIC/Great Lakes Center - Evaluating expenditures of private schools
- 2008: National Research Council. National Academy of Sciences. Evaluation of methods for costing out common education standards. With Lori L. Taylor and Arnold Vedlitz.
- 2006 – Present: CG & SB v. Commonwealth of Pennsylvania
- 2007: Arizona Center for Law in the Public Interest
- 2006: NY State Office of the Attorney General
- 2004: Education Week – Quality Counts 2005. Consultant on feature article on *Educational Adequacy* (\$2.5k)
- 2004: Expert witness for the State of Texas, Attorney General. *West Orange Cove Consolidated Independent School District et al. v. Nelson, et al.* (\$12k subcontract)
- 2004 – Present: Expert witness for plaintiff districts in *Committee for Educational Equality, et al. v. State*. Husch & Eppenberger, Jefferson City.
- 2004 – Present: Expert witness for plaintiff districts in *Douglas County School District v. Heineman*. Baird, Holm, McEachen, Pedersen, Hamann & Strasheim, LLP, Omaha.
- 2002 (Spring - Summer) Project consultant to Southwest Educational Development Laboratory (SEDL). Zena Rudo, Project Coordinator. (\$1.5k)
- 2002 (Spring – Summer) Evaluation of Student Gains in CHOICE Schools in Indianapolis. Educational Choice Charitable Trust. Tim Ehrgott, Project Coordinator. (\$9k)
- 2001 - 2002 (Winter) Analysis of the Allocation of Fiscal and Human Resources in Kansas School Districts. United School Administrators of Kansas. Brilla Highfill-Scott, Project Coordinator. (\$2k)
- 2001 (Summer). Analysis of State Funding Programs for Limited English Proficient Students. Project Director: Paul Markham, University of Kansas.
- 2001 (Winter - Present). Expert Witness for plaintiffs in case of *Robinson v. State of Kansas* (U.S. Dist. Ct. Case No. 99-1193-MLB). The federal case charges that the current Kansas school funding formula (a) violates the enactment provisions of Title VI of the Civil Rights Act of 1964 by creating disparate impact by race, ethnicity or national origin (b) violates the Americans with Disabilities Act by creating disparate impact on students with disabilities and (c) violates equal protection. Attorneys for the plaintiffs: John Robb of Somers, Robb & Robb, Newton, KS and Alan Rupe of Husch & Eppenberger, LLC, Wichita, KS.
- 2001 (Winter – Present). Expert Witness for plaintiffs in case of *Montoy v. State of Kansas* (No. 99-C-1788 (Shawnee County Dist.Ct.)). The state case charges that the current Kansas school funding formula does not meet the state's constitutional requirement of providing for a "suitable" system of public education. Attorneys for the plaintiffs: John Robb of Somers, Robb & Robb, Newton, KS and Alan Rupe of Husch & Eppenberger, LLC, Wichita, KS.
- 1999 (Winter). Statistical Consultant, Mayor's Advisory Task Force on the City University of New York. Provided support on statistical analysis of predictors of remedial needs for students moving from NYC k-12 public schools to the City University system for *Bridging the Gap Between School and College: A Report on Remediation in New York City Education*. Commission Chair: Benno Schmidt. Research Project Coordinator: Miriam Cilo. Collaborating Researcher: Bruce S. Cooper, Fordham University.
- 1999 (Winter). Policy Consultant, Council for Exceptional Children. Prepared policy briefs for Council for Exceptional Children in support of federal legislation for gifted education. Briefs requested by Jay

McIntire, Policy Specialist for Governmental Relations, Department of Public Policy, CEC.

1996 – 1997. Research Assistant, Department of Organization and Leadership. Teachers College of Columbia University. NY, NY. Assistant to Dr. Craig E. Richards on *Developing Multidimensional Computer Simulations for Strategic Planning in Education* supported by an internal grant from Teachers College for curriculum development.

1994 – 1995. Research Assistant, Department of Educational Administration (Teachers College) & Economic Policy Institute. Assistant to Dr. Craig E. Richards on a grant from the Economic Policy Institute. Analyzed contractual issues and finances of Education Alternatives Inc. in Baltimore for a book titled *Risky Business: Private Management of Public Schools*.

S. EXPERT WITNESS TESTIMONY BY CASE

2009 – Present: *Hussein v. New York*

2009 – Present: *Chicago Urban League v. Illinois State Board of Education*

2009: *Abbott v. Burke*

Position: Plaintiffs against state on question of whether process used to derive School Finance Reform Act establishes sufficient link between mandated outcomes and resources needed for children attending high poverty urban districts.

Report Submitted - Jan 21, 2009

Deposition Taken - Jan 30, 2009

Trial Testimony - Feb 20, 2009

Contact: David Sciarra, Education Law Center, Newark, NJ.

2008 – Present: *C.G. vs. Commonwealth of Pennsylvania*

Position: Plaintiffs against state on question of inequities arising from census based financing of special education

Report Submitted - Dec 1, 2008

Contact: Evalynn Welling, Community Justice Project. Pittsburgh, PA.

2007 – 2008: *Espinoza v. State of Arizona*

Position: Plaintiffs against state on question of whether Arizona school funding formula provides equal educational opportunity for poor and non-English speaking children

Report Submitted - Fall 2007

Deposition Taken - Fall 2007

Trial Testimony - Summer 2008

Contact: Tim Hogan, Arizona Center for Law in the Public Interest. Phoenix, AZ.

2004 – 2007: *Committee for Educational Equality, et al. v. State of Missouri* [04CV 323022]

Position: Plaintiffs against state on question of whether Missouri school funding formula provides equal educational opportunity for poor and minority children

Report Submitted - Fall 2006

Deposition Taken - Fall 2006

Trial Testimony - Winter 2007

Contact: Alex Bartlett, Husch-Blackwell-Sanders. Jefferson City, MO.

2004 – Present: *Douglas County School District v. Heineman (Nebraska)*

Position: Plaintiffs against state on question of whether Nebraska school funding formula provides equal educational opportunity for poor and minority children

First Report Submitted - Fall 2005

Supplemental Report Submitted - Fall 2007

Deposition Taken - Winter 2008

Contact: Jill Robb Ackerman, Baird Holm Law Firm. Omaha, NE.

2003 – 2006: *Montoy v. Kansas*. No. 92,032

Position: Plaintiffs against state on question of whether Kansas school funding formula provides equal educational opportunity or educational adequacy for poor and minority children

First Report Submitted - Spring 2003

Additional Reports Submitted - Through 2006

Deposition Taken - Spring/Summer 2003

Trial Testimony - Fall 2003

Contact: Alan Rupe, Kutak Rock. Wichita, KS.

2003 – 2005: *Robinson v. Kansas*. 295 F.3d 1183

First Report Submitted - Winter 2003

Deposition Taken - Spring/Summer 2003

Contact: Alan Rupe, Kutak Rock. Wichita, KS.

T. RECENT MEDIA COVERAGE

Editorials

Baker, B., Ng, J., and Rury, J. (2006, June 7). Questioning a speaker's knowledge of poverty. *Education Week*, 6.

65% No Solution. Wichita Eagle, Jan. 12, 2006

State and Regional (selected listing)

New York Times – January, 2010

Washington Post - August 31, 2009

WHYY Philadelphia - April 21, 2009

Chicago Reporter (www.chicagoreporter.com) – November 2006 Issue

Chattanooga Sun Times – 3/8/07

St. Louis Post Dispatch – 2/07

Honolulu Star Bulletin – 7/20/06

Honolulu Advertiser – 7/16/06

Hawaii Reporter – 7/06/06

KPUA AM 670 (Honolulu) – 7/17/06

Kauai World – 7/23/06

Chicago Public Radio – Chicago Matters/Valuing Education (May 9, 2006)

Kansas City Public Radio – Talk show guest on *Up-to-Date* with Steve Kraske (June 22, 2005)

Channel 6 Lawrence, KS – Roundtable on State of State Address (January 13, 2004)

Kansas City Star – 6/05/05, 5/30/05, 5/19/05, 3/20/05, 1/17/2006, 3/02/06

Hutchinson (KS) News – 5/11/2006

Wichita Eagle

National

Education Week Quotes & Citations (www.edweek.org)

10/14/98 Gifted Education

01/06/05 Chart: Price Check

05/19/04 Kansas Judge Orders State To Shut Schools

01/05/05 Quality Counts 2005 Examines Changes in School Finance

01/06/05 Financing Better Schools

01/17/01 N.Y. System of State Aid Thrown Out

01/06/05 Targeted Spending

02/07/01 Pressure Mounts for Overhauling Finance Systems

01/06/05 Financial Evolution
01/06/05 The Bottom Line
11/2009 Turnover in Principalship Focus of Research

Other Media

Interviewed for University of Arkansas Education Policy newsletter (Spring 2006)
Feature (back cover) story in Teachers College Magazine (Fall 2006)

U. PROFESSIONAL ORGANIZATIONS & SERVICE

National

2009 – Present: NEA Task Force on Indicators
2007 – Present: UCEA Task Force on Leadership Preparation.
2005 – Fall: Nominating Committee for candidates for the Executive Committee of University Council on Educational Administration.
2005 – Spring: AERA Division A Dissertation Award Committee
2003 – 2004: Program Chair - AERA Special Interest Group: Fiscal Issues and Policy
2002 – 2003: Member – State Policy Task Force, National Association for Gifted Children
2002 – 2003: Chair - AERA Special Interest Group: Charter Schools Research and Evaluation
2000 – 2002: Secretary/Treasurer - AERA Special Interest Group: Charter Schools Research and Evaluation.
2000 - Present: Webmaster - AERA Special Interest Group: Charter Schools Research and Evaluation.
www.csre.org
1997 - Present: Plenum Representative, University Council on Educational Administration
1996 - Present: Member, American Educational Research Association (Divisions A & L)
1996 - Present: Member, American Educational Finance Association

Regional

1998: Coordinator: Technology for Effective Educational Leadership. Regional UCEA Seminar on the uses of Computer Technology for 1) Information Management 2) Content Delivery and 3) Decision Making Analysis. (Postponed)

State

2002: Governor's (Bill Graves) Vision 21st Century Task Force. Member of the subcommittee on *K-12 Education: Financing for Results*. Task Force Chair: Lieutenant Governor Gary Sherrer.
2000: Governor's (Bill Graves) Vision 21st Century Task Force. Member of the subcommittee on *K-12 Education: Financing for Results*. Task Force Chair: Lieutenant Governor Gary Sherrer.

University

2003 – 2008: Executive Committee, Graduate Council
2000 – 2008: Graduate Council
2001 (Spring) - Reviewer for Graduate Teaching Assistant awards

School

2004 – Present: Personnel Committee

Department

1998 – 2000: Personnel Committee
1998 – Present: Faculty Representative to KAW Valley Purchasing Coop.
1997 – 1999: Member, T&L Operations Committee
1997 – 1998: Ad-Hoc Planning Team, Instructional Leadership Program

V. EDITORIAL RESPONSIBILITIES

Editorial Boards

Journal of Education Finance. Editor: James Gordon Ward. Association of School Business Officials International

Journal of Education Finance and Policy. Editors: David Monk & David Figlio. MIT Press.
2001 – 2003 Leadership and Policy in Schools

Journal Reviewer

Teachers College Record
Leadership and Policy in Schools
Journal of Education Finance
Education Finance & Policy
Education Policy Analysis Archives
Educational Evaluation and Policy Analysis
Economics of Education Review
Educational Administration Quarterly
Journal of Statistics Education (2003)

Grant Reviewer

William T. Grant Foundation (2009)

*Policy Review Panels*****

National External Policy Review Panel (Kevin Welner, Coordinator)
Texas School Finance Project 2005
School Finance Redesign Project (<http://www.schoolfinanceredesign.org/>)

**** Involve academic review of policy proposals and related policy research

W. TEACHING AND ADVISING

Doctoral Dissertations as Chair

University of Kansas

- Brian Huff (2002) Systems modeling for integrated fiscal planning in education
Michael Sullivan (2004) The allocation of resources in Catholic schools
Pamela Best (2005) Benefit-cost analysis of the Kansas Computerized Assessment (KCA): Implications for equity and cost-effectiveness in the allocation and use of educational resources
Paul Wooten (2006) The impact of business and industry tax appeals on education funding in Missouri
Michele Norman (2006) How much leave do school employees utilize? An analysis of sick leave policies and their relationship to the amount of leave used by school employees in Missouri public schools
Carolyn Carlson (2007) An examination of secondary reading specialists: Demographic, training, and employment characteristics
Mike Slagle (2007) A geographically weighted regression approach for explaining spatial variation among school districts in a median voter model of education demand
Eric Punswick (2008) Elementary principals' backgrounds, stability, moves, and departures: Evidence from Iowa, Minnesota, Missouri, and Wisconsin

University of Kansas (while at Rutgers)

- Charles Belt (2010) Factors affecting principal turnover: A study of three Midwestern cities (co-chaired with Mickey Imber)
Craig Correll (2010) Principal participation in induction programs: Evidence from the Schools and Staffing Survey
Gretchen Anderson (2010) The effect of participation in teacher induction and mentor programs and the assignment of mentor teacher on the satisfaction and retention of new teachers (co-chaired with Marc Mahlios)

Rutgers University

- Steve Zengel (2010) An analysis of athletic expenditures in New Jersey public schools.

Doctoral Dissertations as Committee Member

- Yuan Hong (2010) A comparison among major value-added models: A general model approach
Brian Smith (2005) An investigation of the use of canine searches in Kansas high schools
Darrell Stufflebeam (2005) Suspicionless drug testing of students in Kansas public schools
Jean McCally (2004) Educational administration doctoral recipients in the state of Kansas and their pursuit of the superintendency: A study of gender differences
Helen Jenkins (2003) A study of risk management practices in K--12 Kansas school districts
Frank Jones (2003) Endowed teaching chairs at independent schools: Two case studies
Scott Strawn (2003) Herding cats with carrots and sticks: Performance funding, governance structures and faculty productivity
Christine Keller-Wolf (2003) Moving forward or standing still? Progress in achieving wage equity for women faculty in the 1990s
Jill Smith (2003) Reference checking and reference giving practices of Kansas school districts: A legal analysis
Todd Covault (2001) Early retirement incentive programs in Kansas school districts: Issues of compliance with state and federal law
Glenn Walker (2000) The effect of block scheduling on mathematics achievement in high and low SES secondary schools

