

## JUDITH D. SINGER

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**Senior Vice Provost for Faculty Development and Diversity**  
**James Bryant Conant Professor of Education**  
**Harvard University**

Office of the Provost  
Richard A. and Susan F. Smith Campus Center, Suite 880  
Cambridge, MA 02138  
(617) 495-9072  
[judith\\_singer@harvard.edu](mailto:judith_singer@harvard.edu)

## EDUCATION

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1983        **Ph.D., Statistics, Harvard University**, Graduate School of Arts and Sciences  
1977        **A. M., Statistics, Harvard University**, Graduate School of Arts and Sciences  
1976        **B. A., Mathematics, State University of New York at Albany**, *summa cum laude*

## PROFESSIONAL EXPERIENCE

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1984-present    **Harvard University**  
                    2008-present    **Senior Vice Provost for Faculty Development and Diversity**  
                    2001-present    **James Bryant Conant Professor of Education**  
                    1999-2004        **Academic Dean, Harvard Graduate School of Education**  
                    2001-2002        **Acting Dean, Harvard Graduate School of Education**  
                    1993-present    **Professor of Education**  
                    1989-1993        **Associate Professor of Education**  
                    1984-1989        **Assistant Professor of Education**  
1982-1988        **Senior Research Associate, Children's Hospital, Boston, MA**  
1977-1982        **Research Analyst, Abt Associates Inc., Cambridge, MA**

## PROFESSIONAL HONORS AND AWARDS

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2014        **Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences**, University of Alabama, Birmingham  
2012        **Elected Fellow, American Statistical Association** (“for substantial contributions to quantitative methods used in social, educational, and behavioral research; for pedagogical innovations and outstanding teaching of generations of students; and for significant leadership and service to the statistics profession, educational statistics research community, and higher education.”)  
2008        **Elected Fellow, American Educational Research Association** (initial class of Fellows)  
2003        **Elected Member, National Academy of Education**

- 2003 **PROSE Award, Honorable Mention, Mathematics & Statistics**, Association of American Publishers, Professional and Scholarly Division, for an outstanding professional, reference, text or scholarly work: *Applied Longitudinal Data Analysis: Modeling Change and Event Occurrence*
- 2000- **Fellowship at the Center for Advanced Study in the Behavioral Sciences**, Stanford University (nominated in 2000; hopeful residence at a future date)
- 1994-1997 **Faculty Mentor Award**, The Spencer Foundation
- 1994 **Elected Member, Society for Multivariate Experimental Psychology**
- 1994 **Distinguished Researcher Award**, Special Interest Group on Special Education Research, American Educational Research Association
- 1993 **Review of Research Award**, presented by the American Educational Research Association in recognition of an outstanding review of research article appearing in an AERA-sponsored publication: Willett, J. B., and Singer, J. D. (1991). From Whether to When: New Methods for Studying Student Dropout and Teacher Attrition, *Review of Educational Research*, 61(4), 407-450
- 1992-1993 **American Statistical Association Visiting Research Fellowship**, funded by the *National Science Foundation*, served in residence at the *National Center for Education Statistics*, Washington, DC
- 1992 **Raymond B. Cattell Early Career Award for Programmatic Research**, presented by the American Educational Research Association in recognition of a scholar who has conducted a distinguished program of cumulative education research within the first decade following receipt of the doctoral degree
- 1990 **Palmer O. Johnson Award**, presented by the American Educational Research Association for an outstanding article in an AERA publication: Murnane, R. J., Singer, J. D., and Willett, J. B. (1988). The Career Paths of Teachers: Implications for Teacher Supply and Methodological Lessons for Research, *Educational Researcher*, 17(6), 22-30.
- 1989-1991 **National Academy of Education Post-Doctoral Research Fellowship**, funded by the Spencer Foundation
- 1977-1979 **Graduate Fellowship**, Harvard University, Graduate School of Arts and Sciences
- 1975 **Phi Beta Kappa**, elected as a junior, State University of New York at Albany
- 1972-1976 New York State **Regent's Scholarship**

## BOARD MEMBERSHIPS

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- 2012-present Board of Directors, **National Board of Education Sciences, Institute of Education Sciences (IES), US Department of Education**. Presidential appointment with Senate Confirmation. Initially nominated and confirmed in 2012. Re-nominated in 2014 for a second term
- 2005-present Board of Directors, **Society for Research on Educational Effectiveness**

## **SELECTED OUTSIDE PROFESSIONAL ACTIVITIES**

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2015-	Chair, Workshop Series on Methods and Policy Uses of International Large-Scale Assessments, National Academy of Education/National Research Council, grant from the Institute for Education Sciences
2013-2015	E. F. Lindquist Award Selection Committee, American Educational Research Association
2011-2012	Research Advisory Panel, Education Writers Association
2011	Research Advisory Panel, Single Case Study Designs, Institute of Education Sciences grant to the What Works Clearinghouse.
2011-	Research Advisory Committee, A Systems Approach to Advancing Workforce Inclusion and Diversity, National Institutes of Health Pathfinder Grant to Harvard Medical School
2010-2012	Technical Work Group, Early College High School Initiative, Bill & Melinda Gates Foundation, American Institutes for Research
2010	Research Advisory Panel, Linking Parenting Behaviors to Child Well-Being, US Department of Health and Human Services
2009-2010	Research Advisory Panel, Evaluation of American Recovery and Reinvestment Act Education Programs, Institute for Education Sciences, US Department of Education
2009	International Assessment Board, Programme of Research in Third Level Institutions, Irish Higher Education Authority
2008-2010	National Research Council, Steering Committee on Value-Added Methodology for Instructional Improvement, Program Evaluation, and Accountability
2007	International Assessment Board, Graduate Research Education Programme, Irish Research Council for the Humanities and Social Sciences
2006-2007	Technical Working Group, US Department of Education's National Assessment of Progress under Individuals with Disabilities Education Act
2006	National Research Council, Committee on US Department of Education's Promising Education Initiatives
2005-2009	National Academy of Education, Post-Doctoral Fellowship Program Selection Committee
2005	National Research Council, Symposium on Use of School Level Assessment Data
2005	National Cancer Institute, Workshop on Designing the National Longitudinal Study of Tobacco Use
2005	American Statistical Association, Workshop on Statistics in Mathematics Education Research
2004	National Science Foundation, External Reviewer, Mathematical, Social and Behavioral Sciences Competition, Methodology, Measurement and Statistics Program

- 2004           What Works Clearinghouse, External Reviewer, Duke University and the Campbell Collaborative
- 2004           William T. Grant Foundation, Workshop on Group-Level Randomized Trials
- 2004-2005     National Academy of Education Board Nominating Committee
- 2002-2004     Palmer O. Johnson Memorial Award Selection Committee, American Educational Research Association
- 2000           Teacher's College, Columbia University, Workshop on Developing Criteria for Evaluating School Choice Studies
- 1998-1999     Spencer Foundation Dissertation Fellowship Program Selection Committee
- 1996           Federation of Behavioral, Psychological, and Cognitive Sciences, Forum on Research Management
- 1994-1995     Chair, Raymond B. Cattell Early Career Award Selection Committee, American Educational Research Association
- 1993-1994     National Center for Education Statistics, Schools and Staffing Survey, Panel on the Design of the Longitudinal Follow-Up Study
- 1993-1994     Raymond B. Cattell Early Career Award Selection Committee, American Educational Research Association
- 1992           National Center for Education Statistics, Early Childhood Longitudinal Study, Invited Participant, Conference on Critical Variables
- 1992           National Science Foundation, Conference on Statistical Education
- 1992-1994     National Advisory Panel, Practice Improvement Center on the Effective and Efficient Use of Technology, Media, and Materials in the Provision of Education and Related Services to Children and Youth With Disabilities, US Department of Education
- 1991           Canadian Ministry of Community and Social Services, Children's Services Branch, External Reviewer, Ontario Child Health Study
- 1991-1994     National Advisory Panel, National Science Foundation, An Activity-Based Introductory Statistics Course for All Undergraduates
- 1991           National Advisory Panel, US Department of Agriculture, Evaluation of Dietary Guidance Graphic Alternatives
- 1991           Institute on Statistical Analysis for Education Policy, sponsored by the American Educational Research Association and the National Center for Education Statistics
- 1987-1988     National Advisory Panel, Who Were America's Teachers: Towards a Social History and Public Use Archive, Harvard Graduate School of Education and the Spencer Foundation
- 1986-1989     Faculty Sponsor, Seminar on Methodology in Learning and Education, Harvard University, Graduate School of Education
- 1986-1989     Faculty Seminar on Assessment in Higher Education, Harvard University
- 1984-1986     Radcliffe College, Faculty Advisor, Summer Program in Science

1984	Seminar in Research Design for Fellows in Ambulatory Pediatrics, Children's Hospital
1983-1985	Quantitative Evaluation Seminar, Harvard University, Department of Statistics
1979-1980	Faculty Evaluation Seminar, Harvard University, Kennedy School of Government
1976-1978	Faculty Seminar in Health and Medicine, Harvard University, School of Public Health

## RESEARCH FUNDING

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1997-2007	Co-principal Investigator, Bridging the Gap between Methodology and Substance: Advances in Study Design and Statistical Analysis for Educational Research, Spencer Foundation.
1993-1995	Co-principal Investigator, How Do Parents Choose Early School Settings?: The Influence of Family Structure and Parenting Practices, American Educational Research Association
1991-1995	Principal Investigator, From Whether to When: Modeling Student Careers Using Survival Analysis, Harvard University, Faculty Research and Innovation Fund
1991-1994	Principal Investigator, Modeling Student Dropout and Graduation Patterns Using Survival Analysis, Harvard University, William F. Milton Fund
1990-1998	Principal Investigator, Improving the Teaching of Statistics, Fund for Teaching and Curriculum Quality, Harvard University, Graduate School of Education
1989-1991	Post-Doctoral Fellow, The Career Paths of Special Educators: Replacing Speculation with Evidence, National Academy of Education
1986-1988	Principal Investigator, Study of Per Child Costs Among Elementary School Special Education Students, US Department of Education, Office of Special Education and Rehabilitative Services
1986-1987	Principal Investigator, Analysis of Data on the Psychosocial Adjustment of Young Children with Handicaps, William T. Grant Foundation
1986-1987	Co-principal Investigator, Improving School Placements for Children with Handicaps, The Commonwealth Fund
1981-1986	Director of Research, Collaborative Study of Children with Special Needs, The Robert Wood Johnson Foundation and the Commonwealth Fund
1985-1986	Principal Investigator, Modeling Multilevel Effects in Educational Research, Spencer Foundation
1980-1982	Principal Investigator, Auditory and Non-auditory effects of Occupational Noise Exposure, US Environmental Protection Agency, Office of Noise Abatement and Control
1979-1981	Director of Research, Dietary Intake and Food Patterns Related to Nutritional Anemia, US Department of Health, Education and Welfare, Office of the Assistant Secretary for Health

1978-1980 Director of Research, National Day Care Home Study, US Department of Health, Education and Welfare, Administration for Children, Youth and Families

### **SELECTED STATISTICAL CONSULTING ACTIVITIES**

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- 2000-2004 Center for Applied Linguistics, Washington, DC
- 1999 Westat, Head Start Family and Child Experiences Study
- 1995-2004 Abt Associates, Inc
- Evaluation of the Comprehensive Child Development Program
  - Evaluation of the Comer School Development Program
  - State and Local Implementation Study of IDEA
- 1994-2003 Harvard Medical School, Department of Ambulatory Care and Prevention, Attitudes and Choices in Medical Education and Training, funded by the Robert Wood Johnson Foundation
- 1995 Centre for Studies of Children at Risk, Chedoke McMaster Hospital, Hamilton, Ontario, Canada
- 1993-1994 Massachusetts General Hospital, General Psychiatry Unit, Predictors of Length of Outpatient Psychotherapy
- 1991-1997 JSI Research and Training Institute, Boston, MA, Physician Retention in Community and Migrant Health Centers
- 1991-1994 Beth Israel Hospital, Nursing Project on Quality of Care
- 1990-1995 Harvard University, Graduate School of Education, Effects of Maternal Education on Fertility, Child-Rearing Practices, and Other Aspects of Family Life in Mexico and Nepal
- 1990-1994 Harvard School of Public Health, Evaluation of New York City Cluster Care, Robert Wood Johnson Foundation
- 1988-1993 The Children's Hospital, Boston
- National Survey of School Districts' Responses to Pediatric AIDS
  - Census of Children in Massachusetts Dependent Upon Medical Technology
- 1987-1990 Massachusetts Institute of Technology, Department of Brain and Cognitive Sciences
- 1986-1995 Education Development Center, Newton, MA
- Make it Happen: Using Technology to Support the Learning of Children with Learning Disabilities
  - A Framework for Uniting Learners by Facilitating Instruction in Language and Literacy
  - School Crime and Discipline Project
  - Preventing AIDS and Sexually Transmitted Diseases Through Condom Education
- 1986-1991 Winchester Public Schools

- 1985-1995 Wellesley College, Center for Research on Women, Wellesley, MA
- Biopsychosocial Development of Adolescent Girls
  - Women's Lives Project
  - Family and Work Role Stress in Women
- 1984-1986 Radcliffe College, Murray Research Center
- 1984-1986 Harvard University, Department of Psychology and Social Relations, Day Care and Families Project

**COURSES TAUGHT (all at the Harvard Graduate School of Education)**

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- S-030 Intermediate Statistics: Applied Regression and Data Analysis
- S-052 Applied Data Analysis
- S-066 SALES: The Secondary Analysis of Large Educational Surveys
- S-085 Applied Research Design
- A-014 Inquiry II: An Introduction to Research Methods in Practice

**PROFESSIONAL MEMBERSHIPS**

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- 2005-present Founding member, Society for Research in Educational Effectiveness
- 2003-present Elected member, National Academy of Education
- 1978-present American Educational Research Association (Fellow)
- 1976-present American Statistical Association (Fellow)

## **SERVICE TO PROFESSIONAL PUBLICATIONS**

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### **Management Committee**

1995-2009 *Journal of Educational and Behavioral Statistics*, American Statistical Association Representative

### **Associate Editor/Editorial Board Member**

1994-present *Journal of Educational and Behavioral Statistics*  
2007-present *Journal of Research on Educational Effectiveness*  
1998-2010 *American Journal of Education*  
2005 *Review of Research in Education*  
2002-2004 *Educational Researcher*  
2001-2004 *Understanding Statistics*  
1998-1999 *American Educational Research Journal*  
1993-1998 *Harvard Education Letter*  
1993-1995 *Journal of Statistics Education*  
1991-1993 *Review of Educational Research*  
1990-2004 *Journal of Special Education*

### **Ad Hoc Journal Reviewer**

*American Educational Research Journal, American Journal of Education, American Journal of Sociology, American Journal of Community Psychology, Archives of General Psychiatry, Developmental Psychology, Economics of Education Review, Educational Evaluation and Policy Analysis, Educational Policy, Educational Researcher, Evaluation and Program Planning, Journal of Educational Measurement, Journal of Educational Psychology, Journal of Educational and Behavioral Statistics, Journal of Human Resources, Journal of Special Education, Journal of Statistics Education, Multivariate Behavioral Research, Psychological Bulletin, Psychological Methods, Review of Educational Research, Sociology of Education, Sociological Methods and Research, Teaching and Teacher Education, The American Statistician*

## **EXTERNAL GRANT PROPOSAL AND MANUSCRIPT REVIEWER**

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Academic Press, American Educational Research Association Grants Program, American Psychological Association Books, British Economic and Social Research Council, Cambridge University Press, Harvard University Press, Lawrence Erlbaum Associates, National Center for Education Statistics, National Science Foundation, Oxford University Press, Pew Charitable Trusts, Russell Sage Foundation, Sage Publications, Spencer Foundation



## BOOKS AND MONOGRAPHS

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- Willett, J. B. and Singer, J. D. (in preparation). *Applied Multilevel Data Analysis*.
- Singer, J. D. and Willett, J. B. (2003). *Applied Longitudinal Data Analysis: Methods for Studying Change and Event Occurrence*. (New York: Oxford University Press) (ISBN 0-19-515296-4).
- Oxford Scholarship Online. September 2009.  
DOI:10.1093/acprof:oso/9780195152968.001.0001;
  - 縦断データの分析 (1) 変化についてのマルチレベルモデリング 単行本 translated into Japanese, 2012, by M Sugawara and Kensuke Okada, (Tokyo, Japan: Asakura Shoten Publishing).
- Murnane, R. J., Singer, J. D., Willett, J. B., Kemple, J. J., and Olson, R. J. (1991). *Who Will Teach?: Policies that Matter*, (Cambridge, MA: Harvard University Press) (ISBN 0-674-95192-1).
- Light, R. J., Singer, J. D., and Willett, J. B. (1990). *By Design: Planning Research on Higher Education*, (Cambridge, MA: Harvard University Press) (ISBN 0-674-08931-6).
- Singer, J. D., Granahan, P., Goodrich, N. N., and Meyers, L. D. (1982). Diet and Iron Status: A Study of Relationships: United States, 1971-1974, *Vital and Health Statistics*, Series 11, Number 229. (Washington, DC: US Government Printing Office, DHHS Pub No. (PHS) 83-1679).

## PAPERS and BOOK CHAPTERS

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- Golbeck, A. L., Ash, A., Gray, M., Gumpertz, M., Jewell, N. P., Kettenring, J.R., Singer, J. D. (forthcoming). A conversation about implicit bias. *Statistical Journal of the International Association of Official Statistics*.
- Singer, J. D. (2015). Fostering Faculty Development and Diversity in Statistics, In A. L. Golbeck, I. Olkin and Y. R. Gel (Eds.) *Leadership and Women in Statistics*, pages 411-427 (Boca Raton, FL: CRC Press/Taylor and Francis).
- Singer, J. D., and Willett, J. B. (2012). Survival Analysis. In I. B. Wiener, J.A. Schinka, and W. F. Velicer (Eds.), *Handbook of Psychology, Volume 2: Research Methods in Psychology, 2<sup>nd</sup> edition*, pages 595-627 (New York, NY: John Wiley & Sons).
- Graham, S. E., Willett, J. B., and Singer, J. D. (2011). Using Discrete-time Survival Analysis to Study Event Occurrence. In J. T. Newsom, R. N. Jones, and S. M. Hofer (Eds.) *Longitudinal Data Analysis: A Practice Guide for Researchers in Aging, Health and Social Sciences* pages 329-371. (New York: Routledge).
- Graham, S. E., Singer, J. D. and Willett, J. B. (2009). Longitudinal Data Analysis. In A. Maydeu-Olivares and R. Millsap (Eds.) *Handbook of Quantitative Methods in Psychology*, pages 615-636 (Newbury Park, CA: Sage).
- Graham, S. E., Singer, J. D. and Willett, J. B. (2008). An Introduction to the Multilevel Model for Change. In P. Alasuutar, L. Bickman and J. Brannen (Eds.) *Handbook of Social Research Methods*, pages 377-394 (Newbury Park, CA: Sage).
- Keiley, M., Martin, N., Singer, J. D. and Willett, J. B. (2008). Discrete-time survival analysis: Predicting whether, and if so when, an event occurs. In S. Menard (Ed.) *Handbook of Longitudinal Research*, pages 441-463 (Newbury Park, CA: Sage).

- Graham, S. E., and Singer, J. D. (2006), Using discrete-time survival analysis to study gender differences in leaving mathematics. In S. Sawilowsky (Ed.) *Real Data Analysis*. pages 325-334 (New York: Information Age Publishing)
- Pan, B. A., Rowe, M. L., Singer, J. D., and Snow, C. E. (2005), Maternal correlates of growth in toddler vocabulary production in low-income families, *Child Development*, 76(4). 763-782.
- Singer, J. D. (2005). Afraid to discuss evolution? *Chance*, 18(4), 29-31.
- Singer, J. D., and Willett, J. B. (2005), Improving the practice of longitudinal research. *International Society for Behavioral Development Newsletter*, 48(2), 13-14.
- Singer, J. D. (2005). Review of Longitudinal Data and SAS: A Programmer's Guide. *Biometrics*, 61(2), 643.
- Singer, J. D., and Willett, J. B. (2005). Growth Curve Modeling. In B. Everitt and D. Howell (Eds.) *Encyclopedia of Statistics in Behavioral Science, Volume 2*, pages 772-779 (Chichester, England: John Wiley & Sons).
- Reprinted in *Wiley StatsRef: Statistics Reference Online*, 2014
- Gamse, B. C., and Singer, J. D. (2005). Lessons from the Red Sox playbook. *Harvard Education Letter*, 21(1), 7-8.
- Willett, J. B., and Singer, J. D. (2004). Discrete-Time Survival Analysis. In D. Kaplan (Ed.), *The SAGE Handbook of Quantitative Methodology for the Social Sciences*, pages 199-211 (Thousand Oaks, CA: Sage Publications).
- Singer, J. D., and Willett, J. B. (2003). Survival Analysis. In J. A. Schinka & W. F. Velicer (Eds.), *Handbook of Psychology, Volume 2: Research Methods in Psychology*, Chapter 22, pages 555-580 (New York, NY: John Wiley & Sons).
- Connelly M.T., Sullivan A.M., Peters A.S., Clark-Chiarelli N., Zotov N., Martin N., Simon S.R., Singer J.D., and Block S.D. (2003). Variation in Predictors of Primary Care Career Choice by Year and Stage of Training: A National Survey" *Journal of General Internal Medicine*. 18 (3): 159-169.
- Singer, J. D. (2002). Fitting individual growth models using SAS PROC MIXED. In D. S. Moskowitz and S. L. Hershberger (Eds.), *Modeling Intraindividual Variability with Repeated Measures Data: Methods and Applications*, pages 135-170 (Hillsdale, NJ: Lawrence Erlbaum Publishers).
- Zinn W.M., Sullivan A.M., Zotov N., Peters A.S., Connelly, M.T., Singer J.D., and Block S.D. (2001). The effect of medical education on primary care orientation: A national survey of student and resident perspectives. *Academic Medicine*, 76(1), 355-365.
- Liang, X., Fuller, B., and Singer, J. D. (2000). Ethnic differences in child-care center selection: The influence of family structure, parental practices, and home language. *Early Childhood Research Quarterly*, 15(3), 357-384.
- Simon, S. R., Pan, R. J., Sullivan, A. M., Clark-Chiarelli, N., Connelly, M. T., Peters, A. S., Singer, J. D., Inui, T. S., and Block, S. D. (1999). Views of Managed Care: A Survey of Students, Residents, Faculty and Deans at Medical Schools in the United States. *New England Journal of Medicine*, 340(12), 928-936.

- Fuller, B., Singer, J. D., and Keiley, M. K. (1999). Can the State Democratize Gender Roles: Raising Girls' Attainment. In B. Fuller (Ed.) *Government Confronts Culture: The Struggle for Local Democracy in Southern Africa*, pages 277-320 (NY: Garland Publishing).
- Singer, J. D. (1998). Using SAS PROC MIXED to Fit Multilevel Models, Hierarchical Models, and Individual Growth Models. *Journal of Educational and Behavioral Statistics*, 24(4), 322-354.
- Singer, J. D. (1998). Using SAS PROC MIXED to Fit Multilevel Models, Hierarchical Models, and Individual Growth Models. *Multilevel Modeling Newsletter*, 10(2), 5-9.
- Singer, J. D., Fuller, B., Keiley, M., and Wolf, A. (1998). Early Child Care Selection: Variation by Geographic Location, Maternal Characteristics, and Family Structure. *Developmental Psychology*, 34(5), 1129-1144.
- Singer, J. D., Davidson, S., Graham, S., and Davidson, H. S. (1998). Physician Retention in Community and Migrant Health Centers: Who Stays and For How Long? *Medical Care*, 38, 1198-1213.
- Willett, J. B., Singer, J. D., and Martin, N. M. (1998). The Design and Analysis of Longitudinal Studies of Psychopathology and Development in Context: Statistical Models and Methodological Recommendations. *Development and Psychopathology*, 10, 395-426.
- Block, S. D., Clark-Chiarelli, N, and Singer, J. D (1998). Mixed Messages About Primary Care in the Culture of U.S. Medical Schools. *Academic Medicine*, 73(10), 1087-1094.
- Willett, J. B., and Singer, J. D. (1997). Using Discrete-Time Survival Analysis to Study Event Occurrence Across the Life Course, in I. H. Gotlib and B. Wheaton (Eds.), *Stress and Adversity Over the Life Course: Trajectories and Turning Points*, pages 273-294 (NY: Cambridge University Press).
- Singer, J. D., and Willett, J. B. (1996). Methodological Issues in the Design of Longitudinal Research: Principles and Recommendations for a Quantitative Study of Teachers' Careers. *Educational Evaluation and Policy Analysis*, 18(4), 265-283.
- Block, S. D., Clark-Chiarelli, N., Peters, A. S., and Singer, J. D. (1996). Academia's Chilly Climate for Primary Care. *Journal of the American Medical Association*. 276(9), 677-682.
- Singer, J. D., and Martin, N. C. (1996). Teaching the Art and Science of Secondary Analysis: Lessons we have Learned from Teaching a Course Called SALES. *The Archive Update: The National Data Archive on Child Abuse and Neglect*, 7(1), 1 and 5-7.
- Willett, J. B., and Singer, J. D. (1995). The Times of Our Lives: Methodological Issues When Using Survival Analysis, in J. M. Gottman (Ed.), *The Analysis of Change*, pages 203-260 (Hillsdale, NJ: Lawrence Erlbaum Publishers).
- Kemple, J. J., Murnane, R. J., Singer, J. D., and Willett, J. B. (1995). Why Are There Fewer and Fewer Black Teachers?, in G. E. Thomas (Ed.). *Race and Ethnicity in America: Meeting the Challenge in the 21<sup>st</sup> Century*, pages 91-111, (Washington, DC: Taylor and Francis).
- Fuller, B., Keiley, M. K., and Singer, J. D. (1995). Choice Illusions: The Family's Influence on School Attainment in Southern Africa, in R. Kahane (Ed.), *Educational Advancement and Distributive Justice: Between Equality and Equity*, (Jerusalem, Israel: Magnes Press, The Hebrew University).
- Fuller, B., Singer, J. D., & Keiley, M. K. (1995). Why Do Daughters Leave School in Southern Africa?: Family Economy and Mothers' Commitments. *Social Forces*, 74(2) 657-680.

- Singer, J. D., and Clark-Chiarelli, N. (1995). Teachers of Students with Emotional and Behavioral Disorders: What They Do and How They View Their Jobs, in J. M. Kauffman, J. W. Lloyd, T. A. Astuto, and D. P. Hallahan (Eds.), *Issues in the Educational Placement of Pupils with Emotional or Behavioral Disorders*, pages 145-168, (Hillsdale, NJ: Lawrence Erlbaum Publishers).
- Willett, J. B., and Singer, J. D. (1995). It's Déjà-Vu All Over Again: Using Multiple-Spell Discrete-Time Survival Analysis, *Journal of Educational and Behavioral Statistics*, 20(1), 41-68.
- Singer, J. D., and Willett, J. B. (1994). Designing and Analyzing Studies of Onset, Cessation, and Relapse: Using Survival Analysis in Drug Abuse Prevention Research, in L. M. Collins and L. A. Seitz (Eds.), *Advances in Data Analysis for Prevention Intervention Research*, National Institute for Drug Abuse Research Monograph Number 142, pages 196-263. (Washington, DC: US Government Printing Office).
- Singer, J. D., and Willett, J. B. (1994). Modeling Duration and the Timing of Events: Using Survival Analysis to Long-Term Follow-Up Studies, in S. L. Friedman and H. C. Heywood (Eds.), *Developmental Follow-Up: Concepts, Genres, Domains, and Methods*, pages 315-330, (Orlando, FL: Academic Press).
- Willett, J. B., and Singer, J. D. (1994). New Methods for Investigating the Occurrence and Timing of Educational Events Using Survival Analysis, in T. Husen and T. N. Postlewaite (Eds.), *The International Encyclopedia of Education*, 2nd edition. (Oxford, UK: Pergamon Press).
- Light, R. J., Singer, J. D., and Willett, J. B. (1994). Displaying and Communicating Findings from a Meta-Analysis, in H. Cooper and L. Hedges (Eds.), *The Handbook of Research Synthesis*, pages 439-453 (NY: Russell Sage Foundation).
- Singer, J. D. (1993). On Faith and Microscopes: Methodological Lenses for Learning About Learning?, *Review of Educational Research*, 63(3), 353-364.
- Willett, J. B., and Singer, J. D. (1993). Investigating Onset, Cessation, Relapse, and Recovery: Why You Should, and How You Can, Use Discrete-Time Survival Analysis, *Journal of Consulting and Clinical Psychology*, 61(6), 952-965.
- Singer, J. D., & Willett, J. B. (1993). New Methods for Investigating Event Occurrence: An Introduction to Survival Analysis in Early Intervention Research. *Journal of Early Intervention*, 17(3), 322-339.
- Singer, J. D. (1993). Once Is Not Enough: Special Educators Who Return to Teaching. *Exceptional Children*, 60(1) 58-72.
- Singer, J. D., and Willett, J. B. (1993). It's About Time: Using Discrete-Time Survival Analysis to Study Duration and the Timing of Events, *Journal of Educational Statistics*, 18(2), 155-195.
- Singer, J. D. (1993). Are Special Educators' Career Paths Special?: Results From a 13-Year Longitudinal Study, *Exceptional Children*, 59(3), 262-279.
- Barnett, R. C., Marshall, N. L., and Singer, J. D. (1992). Job Experiences Over Time, Multiple Roles, and Women's Mental Health: A Longitudinal Study, *Journal of Personality and Social Psychology*, 62(4), 634-644.

- Singer, J. D., and Willett, J. B. (1992). A Practical Guide to the Use of Survival Analysis in Research, in M. Fava and J. Rosenbaum (Eds.), *Research Designs and Methods in Psychiatry*, Volume 9 in *Techniques in the Behavioral and Neural Sciences*, J. P. Huston, series editor, pages 37-84 (Amsterdam: Elsevier Science Publishers).
- Willett, J. B., and Singer, J. D. (1992). Providing a Statistical Model: Teaching Applied Statistics using Real-World Data, S. Gordon and F. Gordon (Eds.), *Statistics for the Twenty-first Century, MAA Notes, Number 26*, pages 83-98 (NY: Mathematical Association of America).
- Singer, J. D., and Willett, J. B. (1992). Annotated Bibliography of Sources of "Real-World" Data Sets Useful for Teaching Applied Statistics, S. Gordon and F. Gordon (Eds.), *Statistics for the Twenty-first Century, MAA Notes, Number 26*, pages 298-313 (NY: Mathematical Association of America).
- Singer, J. D., and Willett, J. B. (1991). Modeling the Days of Our Lives: Using Survival Analysis When Designing and Analyzing Longitudinal Studies of Duration and the Timing of Events. *Psychological Bulletin*, 110(4), 268-290.
- Willett, J. B., and Singer, J. D. (1991). From Whether to When: New Methods for Studying Student Dropout and Teacher Attrition, *Review of Educational Research*, 61(4), 407-450.
- Received the Review of Research Award from the American Educational Research Association in recognition of an outstanding review of research article appearing in an AERA-sponsored publication.
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### **INVITED KEYNOTES, PLENARY SESSIONS, ADDRESSES, WORKSHOPS AND PRESENTATIONS**

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- 2014, 13<sup>th</sup> Annual Janet L. Norwood Award Lecture, University of Alabama School of Public Health, Birmingham, AL
- 2011, Society for Research on Educational Effectiveness, Washington, DC
- 2008, 5<sup>th</sup> Annual Quantitative Training for Underrepresented Groups, National Science Foundation and American Psychological Association Boston, MA
- 2007, 50<sup>th</sup> Anniversary Celebration, Harvard University, Department of Statistics, Cambridge, MA
- 2007, Education Writers Association, Education Research and Statistics Bootcamp, Neiman Foundation for Journalism, Cambridge, MA
- 2006, Keynote Address, Deutsche Gessellschaft fur Psychologie, 45<sup>th</sup> Congress of the German Society of Psychology, Nuremberg, Germany
- 2006, Master Lecture, American Psychological Association, New Orleans, LA
- 2006, Ludwig Maximilians University, Schools of Medicine and Public Health, Munich, Germany
- 2005, Kendon Smith Lecture, University of North Carolina Greensboro, Department of Psychology, Greensboro, NC
- 2005, Plenary Address, International Eating Disorders Research Society, Toronto, Canada
- 2005, World Wide Outcomes Research Technical Group, Pfizer, Inc, Groton, CT
- 2005, American Statistical Association, Short Course for Boston Chapter, Cambridge, MA
- 2005, Lister Hill Center for Health Policy, Research Methods Workshop, University of Alabama School of Public Health, Birmingham, AL
- 2005, American Educational Research Association, Hierarchical Linear Modeling Special Interest Group, Montreal, Canada
- 2005, Master Plenary Lecture, Society for Research in Child Development, Atlanta, GA
- 2005, Education Writers Association, Education Research and Statistics Bootcamp, Neiman Foundation for Journalism, Cambridge, MA
- 2004, 60<sup>th</sup> Annual Deming Conference on Applied Statistics, Atlantic City, NJ
- 2004, Australian Council for Educational Research, Melbourne, Australia



- 2004, Program in Cancer Treatment Outcomes, Massachusetts General Hospital, Boston, MA
- 2003, Rand Corporation, Education Speakers Series, Santa Monica, CA
- 2003, 10<sup>th</sup> Annual Measurement and Evaluation Symposium, American College of Sports Medicine, University of Illinois, Champaign-Urbana, IL
- 2003, National Academy of Education, Cambridge, MA
- 2003, American Psychological Association, Division 5, Toronto, Canada
- 2003, Pennsylvania State University, Methodology Center, State College, PA
- 2002, RAND Corporation, Value Added Modeling Workshop, Santa Monica, CA
- 2002, Gatlinburg Conference on Mental Retardation and Developmental Disabilities, San Diego, CA
- 2001, American Educational Research Association, Seattle, WA
- 2000, 5<sup>th</sup> National Head Start Research Conference, Washington, DC
- 2000, Southern Consortium on Educational Research in Urban Schools, Emory University
- 1999, University of Miami, Miami, FL
- 1999, American Psychological Association, Division 5, Boston, MA
- 1999, European Collaboration on the Efficiency of Psychotherapy for Eating Disorders, Institute of Psychiatry, London, England
- 1997, Vanderbilt University, Peabody College, Nashville, TN
- 1995, University of Kansas, Institute for Life Span Studies, Lawrence, KS
- 1995, Centre for Studies of Children at Risk, Chedoke McMaster Hospital, Hamilton, Ontario, Canada
- 1995, US Office of Special Education Program's Research Project Director's Conference, Washington, DC
- 1994, National Institute of Mental Health Conference on Family Responses to AIDS and HIV, Arlington, VA
- 1994, American Educational Research Association, Special Education Special Interest Group, New Orleans, LA
- 1993, National Association of State Directors of Special Education, Richmond, VA
- 1993, American Psychological Association, Division 5, Toronto, Canada
- 1993, William T. Grant Foundation, Faculty Scholars Conference, Leesburg, VA
- 1993, American Statistical Association, San Francisco, CA
- 1993, Raymond B. Cattell Early Career Award Address, American Educational Research Association, Atlanta, GA
- 1993, University of Virginia, Curry School of Education, Charlottesville, VA
- 1993, National Center for Educational Statistics, Washington, DC
- 1992, American Educational Research Association, Training Institute, San Francisco, CA
- 1992, Frank Porter Graham Child Development Center, UNC Chapel Hill, Chapel Hill, NC

- 1992, National Institute of Drug Abuse, Conference on Advances in Data Analysis for Prevention Intervention Research, Bethesda, MD
- 1992, US Office of Special Education Program's Research Project Director's Conference, Washington, DC
- 1992, New York University, Center for Human Development and Social Psychology, New York, NY
- 1992, American Statistical Association winter conference, Louisville, KY
- 1991, University of Washington Conference on the Analysis of Change, Seattle, WA
- 1991, Department of Psychiatry, Harvard Medical School, Boston, MA
- 1991, National Academy of Education, Stanford, CA
- 1991, Society for Research in Child Development, Seattle, WA
- 1990, University of Rhode Island, Joint Colloquium of the Department of Psychology and the Cancer Prevention Research Consortium
- 1989, University of Southern California Conference on the Best Methods for the Analysis of Change, Los Angeles, CA
- 1989, National Institute of Child Health and Human Development, Bethesda, MD
- 1989, Society for Research in Child Development, Kansas City, MO

#### **INVITED KEYNOTES and WORKSHOPS on Faculty Development and Diversity**

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- 2016, Seoul National University, Seoul, Korea
- 2016, University of Delaware, Newark Delaware
- 2015, 8<sup>th</sup> Annual Universities' Global Strategy Symposium, Tokyo, Japan
- 2015, Joint Statistical Meetings, Seattle, WA
- 2015, Yale Provostial Symposium on Dual-career Issues in Faculty Hiring, New Haven, CT
- 2014, Congress of Neurological Surgeons, Women in Neurosurgery, Boston, MA
- 2014, Best Practices for the Advancement of Women in STEM fields, Tel Aviv University, Israel
- 2014, Women for Leadership, Zurich University of Applied Sciences, Swissnex, Boston, MA
- 2012, Women for Leadership, Zurich University of Applied Sciences, Swissnex, Boston, MA
- 2010, Massachusetts General Hospital, Grand Rounds, Boston, MA
- 2009, American Association of Medical Colleges, Annual Meeting, Boston, MA
- 2009, Society for Judgment and Decision-making, Cambridge, MA
- 2009, Dana Farber Cancer Institute, Committee on Women Faculty, Boston, MA
- 2009, Women's Leadership Board, Harvard Kennedy School, Cambridge, MA
- 2008, Regional Conference of the Metro New York/Southern Connecticut Higher Education Recruitment Consortium. New York, NY