

Richard A. Berk

**Departments of Criminology and Statistics
University of Pennsylvania
Philadelphia, Pennsylvania**

Education

1960-1964: Yale University, B.A. in Psychology

1965-1969: The Johns Hopkins University, Department of Sociology Ph.D. 1970.

Honors and Awards

Elected to the Sociological Research Association

Elected Fellow to the American Association for the Advancement of Science

Paul F. Lazarsfeld Award for methodological contributions from the American Sociological Association

Elected Fellow of the American Statistical Association

Elected Fellow of the Academy of Experimental Criminology

Employment

1970-1973: Assistant Professor of Sociology and Urban Affairs Northwestern University

1973-1976: Associate Professor, Department of Sociology and the Center for Urban Affairs Northwestern University

1976-1987: Professor of Sociology, University of California, Santa Barbara

1983-1987: Director, Social Process Research Institute, University of California, Santa Barbara

1986-1987: Professor of Sociology and Statistics, University of California, Santa Barbara

1988- : Professor of Sociology, University of California, Los Angeles

1990-1997: Director, Center for the Study of the Environment and Society, University of California, Los Angeles

1997- 2002: Director, UCLA Statistical Consulting Center

1997-2006 : Distinguished Professor of Statistics and Sociology, University of California, Los Angeles

2006- : Distinguished Professor of Statistics, emeritus, University of California, Los Angeles

2006- : Professor of Criminology and Statistics, University of Pennsylvania

Ongoing Professional Activities

1977-Present: American Statistical Association

1978-Present: American Association for the Advancement of Science

1986-Present: Institute of Mathematical Statistics

Past Professional Activities of Special Note

1975-1977: Editorial Board, American Sociological Review
1977: Program Committee, Pacific Sociological Association
1977-1980: Executive Council, Criminology Section of the American Sociological Association
1979-1982: Executive Council, Methodology of the American Sociological Association
1979-1983: SSRC Committee on Social Indicators
1980-1982: NAS Committee on Sentencing Research
1982-1985: Board of Trustees, Law and Society Association
1982-1983: Review Panel Member, National Science Foundation, Sociology Program
1984-1985: Visiting Scholar, General Accounting Office, Program in Evaluation and Methodology
1985-1986: California Attorney General's Commission on Drug and Alcohol Abuse
1987: Board of Overseers, General Social Survey
1984-1987: American Sociological Association representative to Section U (Statistics) of the American Association for the Advancement of Science
1986-1987: NAS Working Group on Experimentation in Criminal Justice
1986-1987: Chair, Methodology Section of the American Sociological Association
1983-1991: California Attorney General's Advisory Committee on Data Use and Publications
1985-1991: Board of Directors (85-91), Vice Chairman (89-91), Social Science Research Council
1989-1991: NRC Committee on the Social Consequences of AIDS
1989-1991: NRC Working Group on Global Environmental Change
1991: NSF Task Force on Reorganization of the Biological, Behavioral and Social Sciences Directorate
1993-1999: Scientific Advisory Council for the Climate System Modeling Program at NCAR
1995-2001: NRC Committee on Applied and Theoretical Statistics
2000-2003: Advisory Board for Center for Spatially Integrated Social Science
2000-2003: Visiting Faculty Member at the Los Alamos National Laboratories, Statistics Group
2004: Visiting Chair in Environmental Science, Department of Earth, Atmosphere and Oceans, Ecole Normale Supérieure, Paris, France
2007- 2008 NRC Panel on the Design of the 2010 Census Program of Evaluations and Experiments(CPEX)

List of Books

1. *Between White and Black: The Faces of American Institutions in the Ghetto*, in Supplemental Studies for the National Advisory Commission on Civil Disorders (with P. H. Rossi, D. P. Boesel, B. K. Edison and E. Groves). Washington D.C.: Government Printing Office, 1968.
2. *Collective Behavior*. Dubuque, Iowa: W. C. Brown, 1974.
3. *The Roots of Urban Discontent* (with P. H. Rossi and B. K. Edison). New York: John Wiley and Sons, 1974.
4. *A Measure of Justice: An Empirical Study, Changes in the California Penal Code, 1955-1971* (with S. Lesser and H. Brackman). New York: Academic Press, 1977.
5. *Corrections Reform and State Elites* (with P. H. Rossi). Boston: Ballinger Press, 1977.
6. *Crime as Play: Delinquency in a Middle Class Suburb* (with P. Richards). Boston: Ballinger Press, 1979
7. *Labor and Leisure at Home: The Organization of the Household Day* (with S. F. Berk). Beverly Hills: Sage Publications, 1979.
8. *Money, Work and Crime: Experimental Evidence* (with P. H. Rossi and K. Lenihan). New York: Academic Press, 1980.
9. *Water Shortage: Lessons in Water Conservation Learned From the Great California Drought, 1976-1977* (with T. Cooley, C.J. LaCivita and K. Sredl). Cambridge, MA: Abt Books, 1981.
10. *The Social Impact of AIDS in the U.S.* Cambridge, MA: Abt Books, 1988.
11. *Thinking About Program Evaluation* (with Peter H. Rossi). Newbury Park: Sage Publications, 1990 (Second Edition, 1999).
12. *Just Punishment: An Empirical Study of the Federal Sentencing Guidelines* (with Peter H. Rossi). New York: Aldine de Gruyter, 1997.
13. *Regression Analysis: A Constructive Critique*. Newbury Park: Sage Publications 2003.
14. *Statistical Learning from a Regression Perspective*, New York: Springer. 2008.
15. *Criminal Justice forecasts of Risk: A Machine Learning Approach*. New York, Springer, 2012.

Contributions to Professional Journals

1. "White Institutions and Black Rage" (with P. H. Rossi, D.P. Boesal, B. K. Edison and W. E. Groves), *Trans-Action*, March 1969, pp. 24-31.
2. "Establishing Rapport with Deviant Groups" (with J. Adams), *Social Problems*, Fall 1970.
3. "Local Political Leadership and Popular Discontent in the Ghetto" (with P. H. Rossi), *The Annals of the American Academy of Political and Social Science*, September 1970.
4. "The Status of Women in Modern Language Departments: A Report" (with F. Howe and L. Morlock), *Proceedings of the Modern Language Association*, May 1971.
5. "Race and Class Differences in Per Pupil Staffing Schools, 1970-1971" (with A. Hartmann), *Integrated Education*, January 1972.
6. "Patterns of Vandalism During Civil Disorders as an Indicator of Selection of Targets" (with H. Aldrich), *American Sociological Review* 37(5): 533-546, 1972.
7. "The Structuring of Normative Judgements Concerning the Seriousness of Crimes" (with P. H. Rossi, E. Waite and C. Bose), *American Sociological Review* 39 (2): 224-237, 1974.
8. "A Gaming Approach to Crowd Behavior," *American Sociological Review*, 39(3): 355-373, 1974.
9. "Champagne's Assessment of Legal Services Programs: An Evaluation of an Evaluation," *Urban Affairs Quarterly*, Spring 1974.
10. "Generalized Performance Measures for Urban Political Systems" (with P. H. Rossi), *Social Science Quarterly*, Spring 1974.
11. "Performance Measures: Half Full or Half Empty?" in *Social Science Quarterly*, Spring 1974.
12. "Determinants of White Collar Income: An Evaluation of Equal Pay for Equal Work" (with W. Bridges), *Social Science Research*, Fall 1974.
13. "Doing Good or Worse: Evaluation Research Politically Re-Examined" (With P. H. Rossi), *Social Problems*, February 1975.

14. "Descriptive Distortions in Covariance Based Statistics" (with M. Hennessy and R. McCleary), *Social Science Research* 5(2): 107-126, 1976.
15. "Household Work in the Suburbs: The Job and its Participants" (with C. Berheide and S. F. Berk), *Pacific Sociological Review*, October 1976.
16. "Broken Homes and Middle Class Delinquency: A Re-Evaluation" (with M. Hennessy and P. Richards), *Criminology*, February 1977.
17. "The Vagaries and Vulgarities of Scientific Jury Selection" (with M. Hennessy and J. Swan), *Evaluation Quarterly* 1(1):143-158, 1977.
18. "Discretionary Methodological Decisions in Applied Research," *Sociological Methods and Research* 5(3):317-334, 1977.
19. "Sex, Earnings and the Nature of Work: A Job Level Analysis of Male-Female Income Differences" (with W. P. Bridges), *Social Science Quarterly*, February 1978.
20. "A Time Series Analysis of the Impact of a Water Conservation Campaign" (with J. E. Maki and D. M. Hoffman), *Evaluation Quarterly* 2(1):107-118, 1978.
21. "A Simultaneous Equation Model for the Division of Household Labor" (with S. F. Berk), *Sociological Methods and Research* 6(4):431-468, 1978.
22. "The Wheels of Misfortune: A Time Series Analysis of Bicycle Accidents on a College Campus" (with N. Jurik, M. Johnson and T. Rose), *Evaluation Quarterly* 2(4): 608-619, 1978.
23. "Doing Good Well: The Use of Quantitative Social Science Data in Advocacy Proceedings" (with J. Oppenheim), *Law and Policy Quarterly* 1(2): 123-146, 1979.
24. "An Introduction to Estimation Procedures for Pooled Cross-Sectional and Time Series Data" (with D. Hoffman, J. Maki, D. Rauma and H. Wong), *Evaluation Quarterly* 3(3):385-410, 1979.
25. "A Dynamic Decision Theoretic Perspective on Modeling the Performance of the Criminal Justice System" (with T. Cooley), *Social Sciences Research* 8:265-286, 1979.
26. "Price and Prejudice: A Variance Components Analysis of Some Causes and Consequences of Regulating Chicago Storefront Banks" (with J. Oppenheim), *Law and Society Review* 14(1):7-26, 1980.
27. "Reducing Consumption in Periods of Acute Scarcity: The Case of Water" (with T. Cooley, C. J. LaCivita, R. Parker, K. Sredl and M. Brewer), *Social Science Research* 9(2): 99-120, 1980.

28. "Bringing the Cops Back In: A Study of Efforts to Make the Criminal Justice System More Responsive to Incidents of Family Violence" (with D. R. Loseke, S. F. Berk and D. Rauma), *Social Science Research* 9(3): 193-215, 1980.
29. "Crime and Poverty Among Ex-Offenders: Some Experimental Evidence" (with P. H. Rossi and K. J. Lenihan), *American Sociological Review* 45(5): 766-786, 1980.
30. "Does IQ Really Matter: A Study of the Use of IQ Scores for Tracking the Mentally Retarded" (with A. Shih and W. Bridges), *American Sociological Review* 46(1): 58-71, 1981.
31. "On Non-Linear Hierarchical Log Linear Models and the Iterative Proportion Fitting Algorithm" (with J. Magidson and J. Swan), *Sociological Methods and Research* 10(1): 3-49, 1981.
32. "On the Compatibility of Basic and Applied Sociological Research: An Effort at Marriage Counseling," *The American Sociologist* 16(4): 204-211.
33. "An Overview of Evaluation Strategies and Procedures" (with P. H. Rossi), *Human Organizations*, Winter, 1981.
34. "A Test of The Stability of Punishment Hypothesis: The Case of California, 1851-1970" (with D. Rauma, S. Messinger and T. Cooley), *The American Sociological Review* 46(6): 805-828, 1981.
35. "Throwing the Cops Back Out: The Decline of a Local Program to Make the Criminal Justice System More Responsive to Incidents of Domestic Violence" (with D. Rauma, D. R. Loseke and S. F. Berk), *Social Science Research* 11(3): 245-279, 1982.
36. "Selection Biases in Sociological Data" (with S. C. Ray), *Social Science Research* 11(4): 351-398, 1982.
37. "Crime and Poverty: Some QuasiExperimental Evidence" (with David Rauma), *Social Science Research* 11(4): 318-351, 1982.
38. "Beyond Nine to Five: Sexual Harassment on the Job," editor with M. B. Brewer of a special issue of *The Journal of Social Issues* 38(4), 1983.
39. "Capitalizing on Nonrandom Assignment to Treatments: A Regression Discontinuity Evaluation of a Crime Control Program" (with David Rauma), *Journal of the American Statistical Association* 78(381): 21-27, 1983.
40. "An Introduction to Sample Selection Bias in Sociological Data," *American Sociological Review* 48(3):386-397, 1983.

41. "Prisons as Self-Regulating Systems: The Case of California from 1851 to 1980" (with S. Messinger, D. Rauma and J. Berecochea), *Law and Society Review* 17(4): 547-586, 1983.
42. "The Specific Deterrent Effects of Arrest for Domestic Assault" (with L. Sherman), *American Sociological Review* 49(2): 261-271, 1984.
43. "Cops on Call: Summoning the Police to Domestic Violence Incidents" (with S. F. Berk, P. J. Newton and D. L. Loseke), *Law and Society Review* 18(3):479-498, 1984.
44. "The Foundations of Parole in California" (with S. L. Messinger, J. E. Berecochea and D. Rauma), *Law and Society Review* 19(1): 69-106, 1985.
45. "Does Arrest Really Deter Wife Battery? An Effort to Replicate the Findings of the Minneapolis Spouse Abuse Experiment" (with P. Newton), *American Sociological Review* 50(2): 253-262, 1985.
46. "Social Policy Experimentation: A Position Paper" (with R. Boruch, D. Chambers, P. Rossi and A. Witte), *Evaluation Review* 9(4): 387-430, 1985.
47. "Varieties of Normative Consensus" (with P. H. Rossi), *American Sociological Review* 50(3): 346, 1985.
48. "What a Difference a Day Makes: An Empirical Study of the Impact of Shelters for Battered Women" (with P. J. Newton and S. F. Berk), *Journal of Marriage and the Family*, June 1986.
49. "Remuneration and Recidivism: The Long-Term Impact of Unemployment Compensation on Ex-Offenders" (with D. Rauma), *Journal of Quantitative Criminology* 3(1): 3-28, 1987.
50. "How Applied Research Can Save Sociologists from Themselves," *The American Sociologist* 18(2): 119-126, 1987.
51. "Anticipating the Social Consequences of AIDS: A Position Paper," *The American Sociologist*, Fall, 1987.
52. "Errors in Forecasting Social Phenomena," (with Thomas F. Cooley), *Climatic Change* 11:247-265, 1987.
53. "Dangerous People: A Review of the NAS Report on Career Criminals" (with S. Messinger), *Criminology* 25(3): 767-781, 1987.
54. "Police Responses to Family Violence Incidents: An Analysis of an Experimental Design with Incomplete Randomization" (with L. Sherman), *Journal of the American Statistical Association* 83(401): 70-76, 1988.

55. "The Role of Subjectivity in Criminal Justice Classification and Prediction Methods," *Criminal Justice Ethics* 7(1), 1988.
56. "When Random Assignment Fails: Some Lessons from the Minneapolis Spouse Abuse Experiment" (with G. Smyth and L. Sherman), *Journal of Quantitative Criminology* 4(3): 209-224, 1988.
57. "Thinking About Hate-Motivated Crime," *Journal of Interpersonal Violence* 5(3): 334-349, 1990.
58. "An Evaluation of an Undergraduate Course on AIDS" (with Paul Abramson, Joan Sekler, and Monique Cloud), *Evaluation Review* 13(5): 516-532, 1990.
59. "Drug Use, Prostitution and the Prevalence of AIDS: An Analysis using Census Tracts" *Journal of Sex Research* 27(4): 607-621, 1991.
60. "Estimates of AIDS Incubation Periods from Convenience Samples" (with Paul Abramson), *New Directions in Program Evaluation* 46 (Summer): 37-50, 1991.
61. "Toward a Methodology for Mere Mortals," *Sociological Methodology*, 1991.
62. "A Bayesian Analysis of the Colorado Springs Spouse Abuse Experiment," (with Alec Campbell, Ruth Klap and Bruce Western), *Criminal Law and Criminology*, 83:170-200, 1992.
63. "The Differential Deterrent Effects of An Arrest in Incidents of Domestic Violence: A Bayesian Analysis of Four Randomized Field Experiments," (with Alec Campbell, Ruth Klap and Bruce Western) *American Sociological Review*: (5) 57:689-708, 1992.
64. "Between Two Extremes: An Examination of Efficiency and Effectiveness of Community Service Orders and their Implications for the U.S. Sentencing Guidelines," (with Malcolm Feeley and Alec Campbell), *University of Southern California Law Review*, 66(1): 155-207, 1993.
65. Comment on The Role of Offense and Offender Characteristics in Federal Sentencing, *Southern California Law Review*, 66(1): 401-404, 1993.
66. "Chance and the Death Penalty (with commentary and rejoinder)," (with Robert Weiss and Jack Boger), *Law and Society Review*, 27: 89-110 1993.
67. "Measuring the Impact of Water Conservation Campaigns," (with Daniel Schulman, Matthew McKeever, and Howard Freeman), *Climatic Change*, 24: 233-248, 1993.
68. "Preliminary Data on Race and Crack Charging Practices in Los Angeles," (with Alec Campbell), *Federal Sentencing Reporter*, 6 (1): 36-38, 1993.

69. "The Role of Water in Urban Metabolism," in *Urban Policies*, 94(1): 131-148, 1994.
70. "Three Trends in Evaluation Research," *Evaluation Practice*, Vol. 15, No. 3, October 1994: pp. 261-265.
71. "Public Perceptions of Global Warming," (with Daniel Schulman) *Climatic Change*, Vol. 29, pp. 1-33. 1995.
72. "Statistical Inference for Apparent Populations," with commentary and rejoinder, (with Bruce Western and Robert Weiss), *Sociological Methodology*, Vol. 25, 1995. Cambridge, UK: Blackwell Publishing.
73. "Assessing the Capriciousness of Death Penalty Charging," (with Robert Weiss and Cathie Lee), *Law & Society Review*, Vol. 30, No. 3, pp. 607-626, 1996.
74. "Motivated by Hatred or Prejudice: Categorization of Hate-Motivated Crimes in Two Police Divisions," (with Elizabeth Boyd and Karl Hamner), *Law & Society Review*, Vol. 30, No. 4, pp. 819-850, 1996.
75. "Just Punishment: Guideline Sentences and Normative Consensus," (with Peter H. Rossi and Alec Campbell), *Journal of Quantitative Criminology*, Vol. 13, No. 2, pp. 267-290, 1997.
76. "The Ethics of Scientific Research: An Analysis of Focus Groups of Scientists and Institutional Representatives" (with Neil Wenger and Stanley Korenman), *Journal of Investigative Medicine*, Vol. 45, No. 6, pp. 371-380, 1997.
77. "Evaluation of the Research Norms of Scientists and Administrators Responsible for Academic Research Integrity" (with Stanley Korenman, and Neil Wenger), *Journal of the American Medical Association*, Vol. 279, No. 1, pp. 41-47, 1997.
78. "Deployment of Violence: The Los Angeles Police Department's Use of Dogs" (with Alec Campbell and James J. Fyfe), *Evaluation Review*, Vol. 22, No. 4, pp. 535-565, 1998.
79. "News Media Portrayals and the Epidemiology of Homicide" (with Susan Sorenson), *American Journal of Public Health*, Vol. 88, No. 10, pp. 1510-1514, 1998.
80. "Punishment for Unethical Behavior in the Conduct of Research" (with Neil S. Wenger, Stanley G. Korenman, and H. Liu), *Academic Medicine*, Nov, 73(11): 187-1194, 1998.
81. "Water Conservation," *The Southern California Environmental Report Card*, Institute of the Environment, UCLA, 1998.

82. "Public Perceptions of Climate Change: A Willingness to Pay Assessment" (with Robert Fovell), *Climatic Change*, Volume 41, Numbers 3/4: 413-446, 1999.
83. "Death Penalty Decisions in Los Angeles County: An Illustrative Analysis Using Skeptical Priors" (with Robert Weiss, Wenzhi Li, and Margaret Farrell-Ross), *Sociological Methods and Research*, Volume 28, Number 1: 92-116, 1999.
84. "Reporting Unethical Research Behavior" (with Neil S. Wenger, Stanley G. Korenman, and Honghu Li), *Evaluation Review*, Volume 23, Number 5: 553-568, 1999.
85. "An Evaluation of California's Inmate Classification System Using a Generalized Regression Discontinuity Design" (with Jan de Leeuw), *Journal of the American Statistical Association*, Volume 94, Number 448: 1045-1052, 1999.
86. "Young guns: An Empirical Study of Persons Who Use a Firearm in a Suicide or Homicide," (with Susan Sorenson), *Injury Prevention*, Volume 5: 280-283, 1999.
87. "Just Punishments: Federal Guidelines and Public Views Compared," (with Peter Rossi), *Federal Sentencing Reporter*, Volume 12, Number 1: 27-29, 2000.
88. "Measuring Consensus about Scientific Norms," with Stanley G. Korenman, and Neil S. Wenger), *Science and Engineering Ethics*, Volume 6, No 2000: 315-340, 2000.
89. "Approximation and Inversion of a Complex Meteorological System via Local Linear Filters" (with Frederic Schoenberg, Robert Fovell, Cheng Li, Rong Lu, and Robert Weiss). *Journal of Applied Meteorology*, Volume 40, Issue 3, 2000: 446--458
90. "Households that Pollute," *Southern California Environmental Report Card*, Institute of the Environment, 2000.
91. "Handgun Sales, Beer Sales, and Youth Homicide, 1972-1993," (with Susan Sorenson), *Journal of Public Health Policy*, 22: 191-206, 2001.
92. "The Use of Statistical tools for Evaluating Computer Simulations," (with Robert G. Fovell, Frederic Schoenberg, and Robert E. Weiss). *Climatic Change*, 51:119-130, 2001.
93. "Workshop on Statistical Approaches for the Evaluation of Complex Computer Models," (with Peter Bickel, Katherine Campbell, Sallie Keller-McNulty, Elizabeth Kelly, and Jerome Sacks), *Statistical Science*, 17: 173-192, 2002.

94. "Water Reclamation," (With Michael Stenstrom). *Southern California Environmental Report Card*, Institute of the Environment, UCLA, 2002.
95. "Legalized Abortion and the Homicide of Young Children: An Empirical Investigation" (with Susan Sorenson and Douglas Wiebe), *Analyses of Social Issues and Public Policy*, 2 (1): 239-256, 2002.
96. "A Randomized Experiment Testing Inmate Classification Systems" (with Andrew Baek, Heather Ladd, and Heidi Graziano), *Criminology & Public Policy*, 2 (2): 215-242, 2003.
97. "Youth Homicide and the Legalization of Abortion (with Susan Sorenson, Dawn Upchurch, and Douglas Weibe), *Analyses of Social Issues and Public Policy*, 3(1): 45-64, 2003.
98. "New Claims about Executions and General Deterrence: Deja Vu All Over Again?" *Journal of Empirical Legal Studies* 2(2): 303-330, 2005.
99. "Developing a Practical Forecasting Screener for Domestic Violence Incidents," (with Yan He and Susan Sorenson), *Evaluation Review* 29(4): 358-382, 2005
100. "Statistical Difficulties in Determining the Role of Race in Capital Cases: A Re-analysis of Data from the State of Maryland," (with Azusa Li and Laura Hickman), *Journal of Quantitative Criminology*, 21(4): 365-390, 2005.
101. "Knowing When to Fold 'Em: An Essay on Evaluating the Impact of CEASEFIRE, COMSTAT, and EXILE," *Criminology and Public Policy*, 4(3): 451-466, 2005.
102. "Randomized Experiments as the Bronze Standard," *Journal of Experimental Criminology*, 1(4): 417-433, 2005.
103. "An Introduction to Ensemble Methods for Data Analysis," *Sociological Methods and Research*, 34(3): 263-295, 2006.
104. "Forecasting Dangerous Inmate Misconduct: An Application of Ensemble Statistical Procedures," (with Brian Kriegler and Jong-Ho Baek), *Journal of Quantitative Criminology* 22(2): 131-145, 2006.
105. "Statistical Learning Procedures for Monitoring Regulatory Compliance: An Application to Fisheries Data," (with Cleridy Lennert-Cody), *Journal of the Royal Statistical Society, Series A*, 170 (3): 671-689, 2007

106. "Weather Regime Prediction Using Statistical Learning," (with Alex Deloncle, Fabio D'Andrea, and Michael Ghil), *Journal of the Atmospheric Sciences* 64(5) 1619- 1635, 2007
107. "Meta-Analysis and Statistical Inference" (with commentary), *Journal of Experimental Criminology*, 3(3): 247- 297, 2007.
108. "What Would Pete Say?" *American Journal of Evaluation*, 6(28) 203-206, 2007.
109. "Predicting Weather Regime Transitions in Northern Hemisphere Datasets," (with D. Kondrashov, Jason Shen, Fabio D'Andrea, and Michael Ghil), *Climate Dynamics*, 19(3): 535-551, 2007
110. "Overdispersion and Poisson Regression" (with John MacDonald), *Journal of Quantitative Criminology*, 24(3): 269-285, 2008 .
111. "How You Can Tell If The Simulations In Computational Criminology Are Any Good," *Journal of Experimental Criminology*, 4(3): 289-308, 2008.
112. "Weighting Regressions by Propensity Scores" (with David Freedman), *Evaluation Review*, 32: 392-409, 2008.
113. "Forecasting Murder within a Population of Probationers and Parolees: A High Stakes Application of Statistical Learning," (with Lawrence Sherman, Geoffrey Barnes, Ellen Kurtz, and Lindsay Ahlman), *Journal of the Royal Statistical Society (Series A)* 172, part 1: 191-211, 2009.
114. "The Dynamics of Crime Regimes," (with John MacDonald), *Criminology* 47(3): 971-1008, 2009
115. "What Now? Some Brief Reflections on Model-Free Data Analysis," *International Econometric Review* 1(1), 14-23 , 2009.
116. "The Role of Race in Forecasts of Violent Crime," *Race and Social Problems*, 1(4), 2009.
117. "Can't Tell: Comments on 'Does the Death Penalty Save Lives,'" *Criminology & Public Policy* 8 (4): 843-849, 2009.
118. "Statistical Inference After Model Selection," (With Lawrence Brown and Linda Zhao) *Journal of Quantitative Criminology*, 26(2): 217-236, 2010.

119. "When Second Best Is Good Enough: A Comparison Between A True Experiment and a Regression Discontinuity Quasi-Experiment," (with Geoffrey Barnes, Lindsay Alhman, and Ellen Kurtz), *Journal of Experimental Criminology* 6(2): 191-208, 2010.
120. "Policing the Homeless: An Evaluation of Efforts to Reduce Homeless-Related Crime," (with John MacDonald), *Criminology & Public Policy* 9(4): 813-840, 2010.
121. "What You Can and Can't Properly Do with a Regression Analysis," *Journal of Quantitative Criminology* 26(4): 481-487, 2010.
122. "Small Area Estimation of the Homeless in Los Angeles: An Application of Cost-Sensitive Stochastic Gradient Boosting," (with Brian Kriegler), *The Annals of Applied Statistics* 4 (3): 1234-1255, 2010.
123. "Asymmetric Loss Functions for Forecasting in Criminal Justice Settings," *Journal of Quantitative Criminology* 27: 107-123, 2011.
124. "Balancing the Costs of Forecasting Errors in Parole Decisions," *The Albany Law Review*, 3(74): 1071-1085, 2011.
125. "Incarceration, Education, and Transition from Delinquency," (with Thomas Blomberg, William Bales, and Alex Piquero), *Journal of Criminal Justice*, 39 (4): 3255-365, 2011
126. "Evidence-Based versus Junk-Based Evaluation Research: Some Lessons from 35 years of the Evaluation Review," *Evaluation Review*, 35: 191-203, 2011.
127. "Algorithmic Criminology," *Security Informatics*, published online, January 23, 2013.
128. "Valid Post-Selection Inference," (With Lawrence Brown, Andreas Buja, Edward George, Kai Zhang, and Linda Zhao), *Annals of Statistics*, 41(2), 2013.
129. "Statistical Procedures for Forecasting Criminal Behavior: A Comparative Assessment," (with Justin Bleich), *Journal of Criminology and Public Policy* 12(3): 515-544, 2013.
130. "Forecasts of Violence to Inform Sentencing Decisions," (with Justin Bleich), *Journal of Quantitative Criminology* 30(1): 79-96, 2014.
131. "Covariance Adjustments for the Analysis of Randomized Field Experiments," (with Emil Pitkin, Lawrence Brown, Andreas Buja, Edward George, and Linda Zhao), *Evaluation Review* 37, 170-196, 2014.

132. "Misspecified Mean Function Regression: Making Good Use of Regression Models that are Wrong," (with Lawrence Brown, Andreas Buja, Edward George, Emil Pitkin, Kai Zhang, and Linda Zhao), *Sociological Methods and Research* 43: 422-451, 2014.

133. "Machine Learning Forecasts of Risk to Inform Sentencing Decisions," (with Jordan Hyatt), *The Federal Sentencing Reporter*, 27(4):222-228, 2015.

134. "Forecasting Domestic Violence: A Machine Learning Approach to Help Inform Arraignment Decisions," (with Susan B. Sorenson and Geoffrey Barnes), *Journal of Empirical Legal Studies*," 31(1): 94-115, 2016. Summary in *Domestic Violence Report*, forthcoming, 2016.

Contributions to Books

1. "White Institutions and Black Rage" (with P. H. Rossi, D. P. Boesel, B. K. Edison and W. Eugene Groves), in *Ghetto Revolts*, Peter H. Rossi (ed.), MIT Press, 1970.

2. "The Emergency of Muted Violence in Crowd Behavior: A Case Study of an Almost Riot," in *Collective Violence*, James F. Short, Jr. and Marvin E. Wolfgang (eds.), Aldine Press, 1972.

3. "The Controversy Surrounding Analyses of Collective Violence: Some Methodological Notes," in *Collective Violence*, James F. Short Jr. and Marvin E. Wolfgang (eds.), Aldine Press, 1972.

4. "Characteristics of Public Issues as Determinants of Political Behavior" (with P. H. Rossi), in *Cities in Change*, John Walton and Donald Carns (eds.), Allyn Bacon, 1973.

5. "Data Requirements for Evaluation Research: A Plea to Plan Ahead," in *Criminal Justice Research*, Emilio Viano (ed.), D. C. Heath, 1975.

6. "Social Science and Jury Selection: A Case Study of a Civil Suit," in *Psychology and the Law*, Gordon Bermant, Charlon Nemeth and Neil Vidar (eds.), D. C. Heath, 1976.

7. "Some Ethical Implications of the New Jersey Pennsylvania Income Maintenance Experiment" (with P. H. Rossi and M. Boeckman), in *Ethics and Social Intervention*, H. C. Kelman and D. P. Warwick (eds.), Washington D.C.: Hemisphere Press, 1977.

8. "The Politics of Corrections Reform" (with P. H. Rossi), in *Corrections and Punishment: Structure, Function, and Process*, Volume VIII, David Greenburg (ed.), Beverly Hills: Sage Publications, 1977.

9. "Feet of Clay in Hobnail Boots: An Assessment of Statistical Inference in Applied Research" (with M. Brewer), in *Evaluation Studies Review Annual*, Volume III, Thomas Cook (ed.), Beverly Hills: Sage Publications, 1978.

10. "The New Home Economics: An Agenda for Sociological Research," in *Women and Household Work*, Sarah F. Berk (ed.), Beverly Hills: Sage Publications, 1980.
11. "Money Work and Crime: A Summary of Findings from the Transitional Aid Research Project" (with P. H. Rossi and K. J. Lenihan), in *Problems in American Social Policy Research*, C. C. Abt (ed.), Cambridge, MA: Abt Books, 1980.
12. "A Didactic Review of Some Recent Statistical Developments with Implications for the Evaluation of Criminal Justice Programs," in *Handbooks of Criminal Justice Evaluation*, M. Klein and K. Teilman (eds.), Beverly Hills: Sage Publications, 1980.
13. "Evaluating Criminal Justice Legislation" (with P. Burstein and I. Nagel), in *Handbook of Criminal Justice Evaluations*, M. Klein and K. Teilman (eds.), Beverly Hills: Sage Publications, 1980.
14. "A Retrospective on Prison Reform and Elites" (with P. H. Rossi), in *Measuring Social Judgments: The Factorial Survey Approach*, Steven Nock (ed.), Beverly Hills: Sage Publications, 1980.
15. "A Further Test of the Stability of Punishment Hypothesis" (with D. Rauma and S. Messinger), in *Methodological Developments in Criminological Research*, J. Hagan (ed.), Beverly Hills: Sage Publications, 1982.
16. "Where Angels Fear to Tread and Why," in *Standards for Program Evaluation*, P. H. Rossi (ed.), San Francisco: Jossey Bass, 1982.
17. "Training in Quantitative Methods," in *Applied Sociology*, H. E. Freeman, Russell R. Dynes, P. H. Rossi, and W. F. Whyte (eds.), San Francisco: Jossey Bass, 1983.
18. "The Criminological Diagnosis of Collective Behavior: An Argument for Disaggregate Labeling" (with L. Masotti), in *Criminological Diagnosis: An International Perspective*, Wolfgang and Ferracuti (eds.), Boston: Lexington Press, 1983, (written in 1974).
19. "Mutual Combat and Other Family Violence Myths" (with S. F. Berk, D. R. Loseke and D. Rauma), in *The Dark Side of Families*, Finkelhorn et al. (eds.), Beverly Hills: Sage Publications, 1983.
20. "Introduction and Overview" (with Marilyn Brewer), in *Beyond Nine to Five: Sexual Harassment on the Job*, M. B. Brewer and R. A. Berk (eds.), special issue of *The Journal of Social Issues*, Vol. 34, No. 4, 1983.
21. "Supply Side Sociology of the Family: The Challenge of the New Home Economics" (with S. F. Berk), in the *Annual Review of Sociology*, Vol. 9, R. H. Turner (ed.), 1983.

22. "The Scope of Evaluation Activities in the United States" (with Peter H. Rossi), in *Evaluating the Welfare State: Social and Political Perspectives*, S. E. Spiro and E. Yuchtman Yar (eds.), New York: John Wiley and Sons, 1983.
23. "An Introduction to Applications of the General Nonlinear Model," in *Handbook of Survey Research*, P. H. Rossi, J. Wright and A. Anderson (eds.), New York: Academic Press, 1983.
24. "Some Consequences of Convenience Samples in Crime and Justice Research," in *Proceedings of the American Statistical Association Workshop on Crime and Justice Statistics*, A. Galfand (ed.), Washington D.C.: National Institute of Justice, Bureau of Justice Statistics, 1983.
25. "The Randomization of Arrest" (with Lawrence Sherman), in *Randomization and Field Experimentation*, R. F. Boruch and W. Wothke (eds.), San Francisco: Jossey-Bass, 1985.
26. "Data Collection Strategies in the Minneapolis Domestic Assault Experiment," in *Collection Evaluation Data: Problems and Solutions*, H. Freeman, P. H. Rossi and L. Burstein (eds.), Beverly Hills: Sage Publications, 1985.
27. "Program Evaluation," in the *Final Report of the Attorney General's Commission on the Prevention of Drug and Alcohol Abuse*, Sacramento: Office of the Attorney General, 1986.
28. "A Conceptual Framework for Measuring Norms" (with Peter H. Rossi), in *The Social Fabric*, James F. Short, Jr. (ed.), Beverly Hills: Sage Publications, 1987.
29. "Causal Inference as a Prediction Problem," in *Classification and Prediction in Criminal Justice Decisions*, D. Gottfredson and M. Tonry (eds.), Chicago: University of Chicago Press, 1987.
30. "The Economics of Household Production: A Critique," in the *New Palgrave: A Dictionary of Economic Theory and Doctrine*, J. Eatwell, M. M. Milgate and P. Newman (eds.), Macmillan Press, 1987.
31. "How Applied Sociology Can Save Basic Sociology," in *The Future of Sociology*, E. Borgatta and K. Cook (eds.), Newbury Park, CA: Sage Publications, 1988.
32. "Casual Inference for Sociological Data," in *The Handbook of Sociology*, N. Smelser (ed.), Newbury Park, CA: Sage Publications, 1988.
33. "An Empirical Analysis of Police Responses to Incidents of Wife Battery" (with S. F. Berk and P. J. Newton), in *Coping with Family Violence: New Research*, D. Finkelhorn, G. Hotaling and M. Straus (eds.), Newbury Park, CA: Sage Publications, 1988.

34. "The Social Consequences of AIDS: Some Preliminary Observations," in *The Social Impact of AIDS in the U.S.*, R. A. Berk (ed.), Cambridge, MA: Abt Books, 1989.
35. "A Primer on Robust Regression," in *Modern Methods of Data Analysis*, S. Long and J. Fox (eds.), Newbury Park, CA: Sage Publications, 1990.
36. "What Your Mother Never Told You About Randomized Field Experiments," in *Community Based Care of People with AIDS: Developing a Research Agenda*, AHCPR Conference Proceedings, Washington D.C.: U.S. Department of Health and Human Services, 1990.
37. "Current Perspectives on Environmental Problems and Environmental Policies" in *Values in Conflict: Policy Interactions in the Pacific Basin*, J. P. Montgomery (ed.), CSIA Discussion Paper 91-98, Kennedy School of Government, Harvard University, September 1991.
38. "Time Series Analysis," in *Encyclopedia of Sociology*, E. F. Borgatta (editor-in-chief), Macmillan Publishing Co., Inc., 1991.
39. "Research Priorities for the Human Dimensions of Global Environmental Change," in *Global Environmental Change*, NATO ASI Series, Vol I, P. Anderson, J. Eddy and R. Corell (eds.), Newbury Park, CA: Sage Publications, 1992.
40. "Thinking More Clearly About Hate-Motivated Crimes" (with E. Boyd and K. Hamner), in *Hate Crimes: Confronting Violence Against Lesbians and Gay Men*, G. M. Herek and K. T. Berrill (eds.), Newbury Park, CA: Sage Publications, 1992.
41. "Studying the Human Dimensions of Global Climate Change," in *Global Climate Change and California: Potential Impacts and Responses*, N. Dowling and J. Knox (eds.), Davis, CA: University of California Press, 1992.
42. "Arresting Ex-offenders in Spouse Abuse Incidents: What the Scientific Evidence Shows," in *Understanding Family Violence*, Richard Gelles and Doniken Loseke (eds.), Newbury Park, CA: Sage Publications, 1993.
43. "Hate Crime" in M.S. Hamm (ed.), *Hate Crime: International Perspectives on Causes and Control*, New York: Anderson Publishing, 1993.
44. "Uncertainty in the Construction and Interpretation of Mesoscale Models of Physical and Biological Processes," in *Integrated Regional Models*, Peter Goffman and Gene Likens (eds.), New York: Chapman and Hall, 1994.
45. "Sexual Activity as Told in Surveys," (with Paul R. Abramson and Paul Okami) in P.R. Abramson and S. Pinkerton, *Sexual Nature, Sexual Culture*, Chicago: University of Chicago Press, 1995.

46. "Statistical Assumptions as Empirical Commitments," (with David A. Freedman), in T. Blomberg and S. Cohen (eds.), *Law, Punishment, and Social Control: Essays in Honor of Sheldon Messinger*, Part V/ pp. 235-254. Aldine de Gruyter, November 1995, revised in second edition, 2003.
47. "Statistical Inference for Sociological Data," in M. Alexander et al., (eds.), *Refashioning Sociology: Responses to a New World Order*, pp. 215-220, TASA Conference Proceedings, Brisbane, 1998.
48. "Computer Simulations as Experiments: Using Program Evaluation Tools to Assess the Validity of Interventions in Virtual Worlds," (with Jason Bond, Rong Lu, Richard Turco, and Robert Weiss), in L. Bickman (ed.), *Donald Campbell's Legacy (Volume II): Contributions to Research Design*, Sage Publications, 2000.
49. "Random Walk" in *Encyclopedia of Social Science Research Methods*, M.L. Beck (ed.), Sage Publications, 2003.
50. "Multilevel Statistical Models and Ecological Scaling," (with Jan de Leeuw) in *Scaling and Uncertainty Analysis in Ecology: Methods and Applications*, Jianguo Wu, Bruce Jones, Habin Li, and Orié Loucks (eds.), Springer Press, 2006.
51. "Data Mining within a Regression Framework," in *Data Mining and Knowledge Discovery Handbook: A Complete Guide for Practitioners and Researchers*, Oded Maimon and Lior Rokach (eds.), Kluwer Academic Publishers, 2006.
52. "Counting the Homeless in Los Angeles County" (with Brian Kriegler and Don Ylvisaker) in *Probability and Statistics: Essays in Honor of David A. Freedman*, Monograph Series for the Institute of Mathematical Statistics, D. Nolan and S. Speed (eds.), 2008.
53. "Forecasting Methods in Crime and Justice," *Annual Review of Law and Social Science*, Vol 4: 173-192, J. Hagan, K.L. Schepple, and T.R. Tyler (eds.), Palo Alto: Annual reviews. 2008.
54. "Forecasting Consumer Safety Violations and Violators," in *Import Safety: Regulatory Governance in the Global Economy*, C. Coglianese, Adam Finkel and David Zaring (eds.) Philadelphia, University of Pennsylvania Press, 2009
55. "A Reporting Checklist for Observational Studies," in *Advancing Behavioral and Social Science Research through Interactive Learning: A Web-Based Anthology*. Office of Behavioral and Social Sciences, 2009.
56. "Recent Perspectives on the Regression Discontinuity Design," *Handbook of Quantitative Criminology*, A. Piquero and D. Weisburd (eds.), New York: Springer, 2009.

57. "An Introduction to Statistical Learning from a Regression Perspective," *Handbook of Quantitative Criminology*, A. Piquero and D. Weisburd (eds.), New York: Springer, 2009.
58. "Place Randomized Trials." (with Robert Boruch and David Weisburd), *Handbook of Quantitative Criminology*, A. Piquero and D. Weisburd (eds.), New York: Springer, 2009.
59. "What You Can Learn From Wrong Causal Models." (with Lawrence Brown, Edward George, Mikhail Traskin, Kai Zhang, and Linda Zhao), in S. Morgan (ed.) *Handbook of Causal Analysis for Social Research*, New York: Springer, forthcoming 2013