
BIOGRAPHICAL SKETCH

NAME Berk, Richard A.	POSITION TITLE Professor of Criminology and Statistics		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Yale University, New Haven, CT	BA	1964	Psychology
Johns Hopkins University, Baltimore, MD	PhD	1969	Sociology

A. POSITIONS AND HONORS

Positions and 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 and Sociology, emeritus, University of California, Los Angeles
2006-	Professor of Criminology and Statistics, University of Pennsylvania

Honors and Professional Recognition

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
 Editor, Evaluation Review

B. SELECTED PEER-REVIEWED PUBLICATIONS (SINCE 1974)

- Berk, Richard A. 1974. *Collective Behavior*. Dubuque, IA: W. C. Brown Co.
- Berk, Richard A., Michael Hennessy, and Richard McCleary. 1976. "Descriptive Distortions in Covariance Based Statistics." *Social Science Research* 5(2):107-126.
- Berk, Richard A. 1977. "Discretionary Methodological Decisions in Applied Research." *Sociological Methods and Research* 5(3):317-334.
- Berk, Richard A. 1977. "Proof? No. Evidence? No. A Skeptic's Comment on Inverarity's Use of Statistical Inference." *American Sociological Review* 42(4):652-656.
- Berk, Richard A., Harold Brackman, and Selma Lesser. 1977. *A Measure of Justice : An Empirical Study of Changes in the California Penal Code, 1955-1971*. New York: Academic Press.
- Berk, Richard A. and Peter H. Rossi. 1977. *Prison Reform and State Elites*. Cambridge, MA: Ballinger.
- Berk, Richard A. and Sarah Fenstermaker Berk. 1978. "A Simultaneous Equation Model for the Division of Household Labor." *Sociological Methods and Research* 6(4):431-468.
- Bridges, William P. and Richard A. Berk. 1978. "Sex, Earnings, and the Nature of Work: A Job-Level Analysis of Male-Female Income Differences." *Social Science Quarterly* 58(4):553-565.
- Hennessy, Michael, Pamela J. Richards, and Richard A. Berk. 1978. "Broken Homes and Middle Class Delinquency." *Criminology* 15(4):505-528.

- Berk, Richard A. and Sarah Fenstermaker Berk. 1979. *Labor and Leisure at Home : Content and Organization of the Household Day*. Beverly Hills, CA: Sage Publications.
- Berk, Richard A., Robert Poolman, and Jerrold Oppenheim. 1979. "Price and Prejudice: A Variance Components Analysis of Some Causes and Consequences of Regulating Chicago Storefront Banks." *Law and Society Review* 14(1):7-26.
- Cooley, Thomas F. and Richard A. Berk. 1979. "A Dynamic Decision Theoretic Perspective on Modeling the Performance of the Criminal Justice System." *Social Science Research* 8(3):265-286.
- Richards, Pamela, Richard A. Berk, and Brenda Forster. 1979. *Crime as Play : Delinquency in a Middle Class Suburb*. Cambridge, MA: Ballinger.
- Berk, Richard A., Thomas F. Cooley, C. J. LaCivita, Stanley Parker, Kathy Sredl, and Marilyn Brewer. 1980. "Reducing Consumption in Periods of Acute Scarcity: The Case of Water." *Social Science Research* 9(2):99-120.
- Berk, Richard A., Kenneth J. Lenihan, and Peter H. Rossi. 1980. "Crime and Poverty: Some Experimental Evidence from Ex-Offenders." *American Sociological Review* 45(5):766-786.
- Berk, Richard A., Donileen R. Loseke, Sarah Fenstermaker Berk, and David Rauma. 1980. "Bringing the Cops Back In: A Study of Efforts to Make the Criminal Justice System More Responsive to Incidents of Family Violence." *Social Science Research* 9(3):193-215.
- Rossi, Peter H., Richard A. Berk, and Kenneth J. Lenihan. 1980. *Money, Work, and Crime: Experimental Evidence*. New York: Academic Press.
- Berk, Richard A. 1981. "On the Compatibility of Applied and Basic Sociological Research: An Effort in Marriage Counseling." *The American Sociologist* 16(4):204-211.
- Berk, Richard A. 1981. *Water Shortage : Lessons in Conservation from the Great California Drought, 1976-1977*. Cambridge, MA: Abt Books.
- Berk, Richard A., William P. Bridges, and Anthony Shih. 1981. "Does IQ Really Matter? A Study of the Use of IQ Scores for the Tracking of the Mentally Retarded." *American Sociological Review* 46(1):58-71.
- Berk, Richard A., David Rauma, Sheldon L. Messinger, and Thomas F. Cooley. 1981. "A Test of the Stability of Punishment Hypothesis: The Case of California, 1851-1970." *American Sociological Review* 46(6):805-829.
- Magidson, Jay, James H. Swan, and Richard A. Berk. 1981. "Estimating Nonhierarchical and Nested Log-Linear Models." *Sociological Methods and Research* 10(1):3-49.
- Rossi, Peter H. and Richard A. Berk. 1981. "An Overview of Evaluation Strategies and Procedures." *Human Organization* 40(4):287-299.
- Rossi, Peter H., Richard A. Berk, and Kenneth J. Lenihan. 1982. "Saying it Wrong with Figures: A Comment on Zeisel." *American Journal of Sociology* 88(2):390-393.
- Berk, Richard A., David Rauma, Donileen R. Loseke, and Sarah Fenstermaker Berk. 1982. "Throwing the Cops Back Out: The Decline of a Local Program to Make the Criminal Justice System More Responsive to Incidents of Domestic Violence." *Social Science Research* 11(3):245-279.
- Berk, Richard A. and Subhash C. Ray. 1982. "Selection Biases in Sociological Data." *Social Science Research* 11(4):352-398.
- Rauma, David and Richard A. Berk. 1982. "Crime and Poverty in California: Some Quasi-Experimental Evidence." *Social Science Research* 11(4):318-351.
- Berk, Richard A. 1983. "An Introduction to Sample Selection Bias in Sociological Data." *American Sociological Review* 48(3):386-398.
- Berk, Richard A. and Sarah Fenstermaker Berk. 1983. "Supply-Side Sociology of the Family: The Challenge of the New Home Economics." *Annual Review of Sociology* 9:375-395.
- Berk, Richard A., Sheldon L. Messinger, David Rauma, and John E. Bercochea. 1983. "Prisons as Self-Regulating Systems: A Comparison of Historical Patterns in California for Male and Female Offenders." *Law and Society Review* 17(4):547-586.
- Sherman, Lawrence W. and Richard A. Berk. 1984. "The Specific Deterrent Effects of Arrest for Domestic Assault." *American Sociological Review* 49(2):261-272.
- Berk, Richard A., Robert F. Boruch, David L. Chambers, Peter H. Rossi, and Ann D. Witte. 1985. "Social Policy Experimentation: A Position Paper." *Evaluation Review* 9(4):387-429.
- Berk, Richard A. and Phyllis J. Newton. 1985. "Does Arrest Really Deter Wife Battery? An Effort to Replicate the Findings of the Minneapolis Spouse Abuse Experiment." *American Sociological Review* 50(2):253-262.

- Messinger, Sheldon L., John E. Berecochea, David Rauma, and Richard A. Berk. 1985. "The Foundations of Parole in California." *Law and Society Review* 19(1):69-106.
- Rossi, Peter H. and Richard A. Berk. 1985. "Varieties of Normative Consenses." *American Sociological Review* 50(3):333-347.
- Berk, Richard A., Phyllis J. Newton, and Sarah Fenstermaker Berk. 1986. "What a Difference a Day Makes: An Empirical Study of the Impact of Shelters for Battered Women." *Journal of Marriage and the Family* 48(3):481-490.
- Berk, Richard A. 1987. "Anticipating the Social Consequences of AIDS: A Position Paper." *The American Sociologist* 18(3):211-227.
- Berk, Richard A. 1987. "How Applied Research Can Save Sociologists from Themselves." *The American Sociologist* 18(2):119-126.
- Rauma, David and Richard A. Berk. 1987. "Remuneration and Recidivism: The Long-Term Impact of Unemployment Compensation on Ex-Offenders." *Journal of Quantitative Criminology* 3(1):3-27.
- Berk, Richard A. 1988. *The Social Impact of AIDS in the U.S.* Cambridge, MA: Abt Books.
- Berk, Richard A. and Lawrence W. Sherman. 1988. "Police Responses to Family Violence Incidents: An Analysis of an Experimental Design with Incomplete Randomization." *Journal of the American Statistical Association* 83(401):70-76.
- Berk, Richard A., Gordon K. Smyth, and Lawrence W. Sherman. 1988. "When Random Assignment Fails: Some Lessons from the Minneapolis Spouse Abuse Experiment." *Journal of Quantitative Criminology* 4(3):209-223.
- Berk, Richard A. 1990. "Drug Use, Prostitution and the Prevalence of Aids: An Analysis Using Census Tracts." *Journal of Sex Research* 27(4):607-621.
- Berk, Richard A. 1990. "Thinking About Hate-Motivated Crimes." *Journal of Interpersonal Violence* 5(3):334-349.
- Berk, Richard A. and Peter H. Rossi. 1990. *Thinking About Program Evaluation*. Newbury Park, CA: Sage Publications.
- Berk, Richard A., Jack Boger, and Robert Weiss. 1993. "Chance and the Death Penalty." *Law and Society Review* 27(1):89-110.
- Berk, Richard A., Bruce Western, and Robert E. Weiss. 1995. "Statistical Inference for Apparent Populations." *Sociological Methodology* 25:421-458.
- Boyd, Elizabeth A., Richard A. Berk, and Karl M. Hamner. 1996. "'Motivated by Hatred or Prejudice': Categorization of Hate-Motivated Crimes in Two Police Divisions." *Law and Society Review* 30(4):819-850.
- Weiss, Robert E., Richard A. Berk, and Cathrine Y. Lee. 1996. "Assessing the Capriciousness of Death Penalty Charging." *Law and Society Review* 30(3):607-626.
- Rossi, Peter H. and Richard A. Berk. 1997. *Just Punishments : Federal Guidelines and Public Views Compared*. New York: De Gruyter.
- Rossi, Peter H., Richard A. Berk, and Alec Campbell. 1997. "Just Punishments: Guideline Sentences and Normative Consensus." *Journal of Quantitative Criminology* 13(3):267-290.
- Berk, Richard A. and Peter H. Rossi. 1999. *Thinking About Program Evaluation*. Thousand Oaks, CA: Sage Publications.
- Sorenson, Susan B. and Richard A. Berk. 2001. "Handgun Sales, Beer Sales, and Youth Homicide, California, 1972-1993." *Journal of Public Health Policy* 22(2):182-197.
- Berk, Richard A., Peter Bickel, Katherine Campbell, Robert Fovell, Sallie Keller-McNulty, Elizabeth Kelly, Rodman Linn, Byungkyu Park, Alan Perelson, Nagui Roupail, Jerome Sacks, and Frederic Schoenberg. 2002. "Workshop on Statistical Approaches for the Evaluation of Complex Computer Models." *Statistical Science* 17(2):173-192.
- Sorenson, Susan B., Douglas J. Wiebe, and Richard A. Berk. 2002. "Legalized Abortion and the Homicide of Young Children: An Empirical Investigation." *Analyses of Social Issues and Public Policy* 2(1):239-256.
- Berk, Richard A. 2003. *Regression Analysis: A Constructive Critique*. Newbury Park: Sage Publications.
- Berk, Richard A., Heather Ladd, Heidi Graziano, and Jong-Ho Baek. 2003. "A Randomized Experiment Testing Inmate Classification Systems." *Criminology & Public Policy* 2(2):215-242.
- Berk, Richard A., Susan B. Sorenson, Douglas J. Wiebe, and Dawn M. Upchurch. 2003. "The Legalization of Abortion and Subsequent Youth Homicide: A Time Series Analysis." *Analyses of Social Issues and Public Policy* 3(1):45-64.

- Berk, Richard A. 2004. "Random Walk." in *The Sage Encyclopedia of Social Science Research Methods*, edited by Michael S. Lewis-Beck, Alan E. Bryman, and Tim Futing Liao. Thousand Oaks, CA: Sage Publications.
- Berk, Richard A. 2005. "Knowing When to Fold 'Em: An Essay on Evaluating the Impact of Ceasefire, Compstat, and Exile." *Criminology & Public Policy* 4(3):451-465.
- Berk, Richard A. 2005. "New Claims About Executions and General Deterrence: Deja Vu All over Again?" *Journal of Empirical Legal Studies* 2(2):303-330.
- Berk, Richard A. 2005. "Randomized Experiments as the Bronze Standard." *Journal of Experimental Criminology* 1(4):417-433.
- Berk, Richard A., Yan He, and Susan B. Sorenson. 2005. "Developing a Practical Forecasting Screener for Domestic Violence Incidents." *Evaluation Review* 29(4):358-383.
- Berk, Richard A., Azusa Li, and Laura J. Hickman. 2005. "Statistical Difficulties in Determining the Role of Race in Capital Cases: A Re-analysis of Data from the State of Maryland." *Journal of Quantitative Criminology* 21(4):365-390.
- Berk, Richard A. 2006. "Data Mining within a Regression Framework." in *Data Mining and Knowledge Discovery Handbook: A Complete Guide for Practitioners and Researchers*, edited by Oded Maimon and Lior Rokach: Kluwer Academic Publishers.
- Berk, Richard A. 2006. "An Introduction to Ensemble Methods for Data Analysis." *Sociological Methods and Research* 34(3):263-295.
- Berk, Richard A. and Jan de Leeuw. 2006. "Multilevel Statistical Models and Ecological Scaling." in *Scaling and Uncertainty Analysis in Ecology: Methods and Applications*, edited by Jianguo Wu, Bruce Jones, Habin Li, and Orié Loucks. Dordrecht: Springer Press.
- Berk, Richard A., Brian Kriegler, and Jong-Ho Baek. 2006. "Forecasting Dangerous Inmate Misconduct: An Application of Ensemble Statistical Procedures." *Journal of Quantitative Criminology* 22(2):131-145.
- Deloncle, A., Richard A. Berk, F. D'Andrea, and M. Ghil. 2007. "Weather Regime Prediction Using Statistical Learning." *Journal of the Atmospheric Sciences* 64(5):1619-1635.
- Lennert-Cody, Cleridy E. and Richard A. Berk. 2007. "Statistical Learning Procedures for Monitoring Regulatory Compliance: An Application to Fisheries Data." *Journal of the Royal Statistical Society: Series A (Statistics in Society)* 170(3):671-689.
- Berk, Richard A. Forthcoming. "Statistical Inference and Meta-Analysis." *Journal of Experimental Criminology*.
- Berk, Richard A., Brian Kriegler, and Don Ylvisaker. Forthcoming. "Counting the Homeless in Los Angeles County." in *Festschrift for David Freedman*, edited by D. Nolan and S. Speed. Hayward, CA: Institute of Mathematical Statistics.

C. RESEARCH SUPPORT

Ongoing Research Support

NSF DMS-0653802 (Berk) 7/1/2006-11/30/2007 PI

Ensemble Methods for Data Analysis in the Behavioral, Social and Economic Sciences

The goal this is to help foster more effective interactions between the developers of ensemble methods and empirical researchers in the behavioral, social, and economic sciences. The approach is to apply, using real data sets, ensemble methods to important social science data analysis problems.

Completed Research Support

NSF SES-#0340358 (Mare) 3/4/2004-5/4/2007 Co-PI

EITM: Neighborhood Choice and Neighborhood Change: Evaluating Dynamic Models of Residential Segregation