

## CURRICULUM VITAE

**Michael D. Maltz**

Adjunct Professor of Sociology  
Ohio State University  
and

Professor Emeritus of Criminal Justice and of Information & Decision Sciences  
University of Illinois at Chicago

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- HOME ADDRESS** 1421 Sherman Avenue, Apt. 502  
Evanston, Illinois 60201-4814
- EDUCATION** 1959: Rensselaer Polytechnic Institute, B.E.E. (electrical engineering)  
1961: Stanford University, M.S. (electrical engineering)  
1963: Stanford University, Ph.D. (electrical engineering -- control systems)
- EMPLOYMENT**
- 1959-1960: Research Assistant, Ginzton Microwave Lab, Stanford University,  
Stanford California
- 1960 - 1963: Research Assistant, Division of Engineering Mechanics, Stanford  
University, Stanford, California.
- Summer 1963: Member of the Technical Staff, Aerospace Corporation, Los Angeles,  
California.
- 1963 - 1964: Research Associate, Laboratory of Automatic Control Systems,  
Technical University of Denmark, Lundtofte, Denmark.
- 1964 - 1969: Staff member, Systems Engineering Section, Arthur D. Little, Inc.,  
Cambridge, Massachusetts.
- 1965: Lecturer, Graduate School of Engineering, Northeastern University,  
Burlington, Massachusetts.
- 1969 - 1972: Operations Research Analyst, National Institute of Law Enforcement and  
Criminal Justice (now National Institute of Justice), U.S. Department  
of Justice, Washington, D.C.
- 1972 - 2002: University of Illinois at Chicago: Professor of Criminal Justice and  
Professor of Information and Decision Sciences, 1984 - ; Director,  
Center for Research in Law and Justice, 1985 - 89.
- 1997: Visiting Professor, College of Criminal Justice, Northeastern University,  
Boston, Massachusetts.
- 2002 - : University of Illinois at Chicago: Professor Emeritus of Criminal Justice  
and of Information and Decision Sciences

2003 - : Ohio State University, Columbus, Ohio: Adjunct Professor of Sociology and Senior Research Associate, Criminal Justice Research Center.

## HONORS AND AWARDS

The book, *Recidivism* (1984), won the Fourth Annual Leslie T. Wilkins Award (for the Outstanding Book in the Fields of Criminology and Criminal Justice). It also won the 1985 Frederick W. Lanchester Prize of the Operations Research Society of America (for the Best Published Contribution in Operations Research). Fulbright Scholar, Lecturing/Research at el Colegio de Michoacán, Zamora, Michoacán, Mexico, fall semester, 1995. Visiting Fellow for Research and Policy Studies, Bureau of Justice Statistics, January 1995 - December 2000. Outstanding criminal justice graduate student award named in honor of Michael D. Maltz, UIC Department of Criminal Justice, Spring 2001. Presented with the Hans W. Mattick Award of the Illinois Academy of Criminology, June, 2001, for Outstanding Contributions in Criminal Justice Research. Winner, 2012 Illinois state handball tournament (singles), 70 and over age category

## PUBLICATIONS

### Book Chapters

- 1968: "A Supervisory Communications System for the Boston Police Department" (with Stephen Waldron), in S.I. Cohn, Ed., *Law Enforcement Science And Technology II*, IITRI: Chicago, Illinois.
- 1970: "Police Communication -- A Case History," in André M.J. Mensch, Ed., *The Survival of Communication Networks*, NATO: Brussels.
- 1973: "Evaluation of Police Air Mobility Programs," in Daniel Pursuit *et al*, Eds., *Police Programs for Preventing Crime and Delinquency*, Thomas: Springfield, Illinois.
- 1973: Introduction to Chapter 10, "Evaluation of Police Programs," in James Abert and Murray Kamrass, Eds., *Social Experiments and Social Program Evaluation*, Ballinger: Cambridge, Massachusetts.
- 1975: "Policy Issues in Organized Crime and White-Collar Crime," Chapter 7 of John A. Gardiner and Michael Mulkey, Eds., *Crime and Criminal Justice: Issues in Public Policy Analysis*, D. C. Heath, Lexington, Massachusetts.
- 1976: "Privacy, Criminal Records and Information Systems," in Sidney H. Brounstein and Murray Kamrass, Eds., *Operations Research in Law Enforcement, Justice and Societal Security*, Lexington: Lexington, Massachusetts.
- 1980: "Analyzing Suspected Collusion Among Bidders" (with Stephen M. Pollock), in Gilbert Geis and Ezra Stotland, Eds., *White-collar Crime: Theory and Practice*, Sage: Beverly Hills, California, 174-98.
- 1981: "Recent Advances in the Statistics of Recidivism Measurement" (with Carl M. Harris and Ali R. Kaylan), in James A. Fox Ed., *Models in Quantitative Criminology*, Academic Press: New York, New York, 61-79.
- 1981: "Transportation Modeling in Analyzing an Economic Crime," in James A. Fox, Ed., *Methods in Quantitative Criminology*, Academic Press: New York, New York, 77-97.
- 1984: "Toward Defining Organized Crime," in Herbert E. Alexander and Gerald E. Caiden, Eds., *The Politics and Economics of Organized Crime*. Lexington Books, Lexington, Mass.

- 1994: "Defining Organized Crime," in Robert J. Kelly, Ko-Lin Chin, and Rufus Schatzberg, Eds., *Handbook of Organized Crime in the United States*, Greenwood Press, Westport, Connecticut.
- 1994: "Operations Research in the Public Sector: An Introduction and a Brief History" (with Stephen M. Pollock), Chapter 1 (pp. 1-22) in Stephen M. Pollock, Arnold Barnett, and Michael H. Rothkopf, Eds., *Operations Research and the Public Sector*, Volume 6 of the Handbooks in Operations Research and Management Science, edited by George L. Nemhauser and Alexander H. G. Rinnooy Kan, Elsevier North-Holland, Amsterdam.
- 1994: "Operations Research in Studying Crime and Justice: Its History and Accomplishments," Chapter 7 (pp. 201-262) in Stephen M. Pollock, Arnold Barnett, and Michael H. Rothkopf, Eds., *Operations Research and the Public Sector*, Volume 6 of the Handbooks in Operations Research and Management Science, edited by George L. Nemhauser and Alexander H. G. Rinnooy Kan, Elsevier North-Holland, Amsterdam.
- 1996: "Criminality in Space and Time: Life Course Analysis and the Micro-Ecology of Crime," in John Eck and David Weisburd, Eds., *Crime and Place*, Criminal Justice Press, Monsey, New York.
- 1996: "Crime and Justice" (with Arnold Barnett). In Carl M. Harris and Saul I. Gass, Eds., *Encyclopedia of Operations Research and Management Science*, Kluwer Academic Publishers, Norwell, Massachusetts.
- 1998: "Power to the People: Crime Mapping and Information Sharing in the Chicago Police Department" (with Marc Buslik). In David Weisburd and J. Thomas McEwen, Eds., *Crime Mapping and Crime Prevention*, Criminal Justice Press, Monsey, New York.
- 2001: "Crime and Justice" (revised, with Arnold Barnett and Jonathan Caulkins). In Carl M. Harris and Saul I. Gass, Eds., *Encyclopedia of Operations Research and Management Science*, Kluwer Academic Publishers, Norwell, Massachusetts.
- 2006: "Missing UCR data and divergence of the NCVS and UCR trends," Chapter 10 (pp. 269-295) in J. Lynch and L. Addington, Eds., *Understanding Crime Statistics: Revisiting the Divergence of the NCVS and the UCR*, Cambridge University Press, New York.
- 2009: "Waves, particles, and crime," *Putting Crime in Its Place: Units of Analysis in Geographic Criminology*, W. Bernasco, G. Bruinsma, and D. Weisburd, Eds., Springer, New York.
- 2009: "Look before you analyze: Visualizing data in criminal justice," *Handbook of Quantitative Criminology*. A. Piquero and D. Weisburd, Eds., Springer, New York.
- 2014: "History of the statistics of crime and criminal justice" (with Kathleen Frey). *Encyclopedia of Criminology and Criminal Justice*. D. Weisburd and G. Bruinsma, Eds., Springer, New York.
- 2014: "Visualizing data: A brief history." *Encyclopedia of Criminology and Criminal Justice*. D. Weisburd and G. Bruinsma, Eds., Springer, New York.

### **Books and Monographs**

- 1972: *Evaluation of Crime Control Programs* (monograph), National Institute of Law Enforcement and Criminal Justice, GPO: Washington, D.C.. Internet version published in 1999; available at <http://www.uic.edu/depts/lib/forr/>.
- 1984: *Recidivism*, Academic Press, Orlando, Florida. Internet version published in 2001; available at <http://osu.academia.edu/MichaelMaltz>.
- 1990: *Measuring the Effectiveness of Organized Crime Control Efforts* (monograph), Office of International Criminal Justice, University of Illinois at Chicago.
- 1991: *Mapping Crime in Its Community Setting: Event Geography Analysis*, (with Andrew C. Gordon and Warren Friedman), Springer-Verlag, New York. Internet version published in 2000; available at <http://osu.academia.edu/MichaelMaltz>.

## Journal Articles

- 1965 "Attitude stabilization using a contactor control system with a linear switching criterion" (with Irmgard Flügge-Lotz), *Automatica* 2, 4, 255-74.
- 1975: "Measures of effectiveness for crime reduction programs," *Operations Research* 23, 3, 452-74.
- 1975: "Crime statistics: A mathematical perspective," *Journal of Criminal Justice* 3, 3, 177-94.
- 1976: "On defining organized crime: The development of a definition and a typology," *Crime and Delinquency* 22, 3, 338-46. Reprinted in D.M. Carrier, Ed., *Perspectives in Criminology*, Kendall-Hunt: Dubuque, Iowa, 1977, 196-201.
- 1976: "Secondary analysis of the UCR: An index of the risk of death due to robbery," *Journal of Criminal Justice* 4, 2, 153-56.
- 1976: "On the estimation of smuggling in a 'gray market' commodity," *Operations Research* 23, 6, November, 1156-63.
- 1977: "Crime statistics: A historical perspective," *Crime and Delinquency* 23, 1, 32-40. Reprinted in Eric Monkkenon, Ed., *Crime and Justice in American History*, Meckler, 1990.
- 1977: "The mathematics of behavioral change: Recidivism and construct validity" (with Richard McCleary), *Evaluation Quarterly* 1, 3, August, 421-38.
- 1978: "Comments on 'Stability of parameter estimates in the split-population exponential distribution'" (with Richard McCleary), *Evaluation Quarterly* 2, 4, 650-54.
- 1979: "Recidivism and likelihood functions: A reply to Stollmack" (with Richard McCleary and Stephen M. Pollock), *Evaluation Quarterly* 2, 1, 124-31.
- 1980: "An artifact in pretest-posttest designs: How it can mistakenly make delinquency programs look effective" (with Andrew Gordon, David McDowall and Richard McCleary), *Evaluation Review* 4, 2, 225-40. Other versions of this paper appear in Lee Sechrest et al, Eds., *Evaluation Studies Review Annual*, Volume 4, Sage: Beverly Hills, California, 626-52; and Sherwood E. Zimmerman and Harold D. Miller, Eds., *Corrections at the Crossroads: Designing Policy*, Sage: Beverly Hills, California, 1981, 27-48.
- 1980: "Artificial inflation of a delinquency rate by a selection artifact" (with Stephen M. Pollock), *Operations Research* 28, 3, 547-59.
- 1983: "Management science in the long run," *Interfaces* 13, 1, 40-45.
- 1987: "Drunk driving and the ecological fallacy: Comments on a Paper by Phillips, Ray, and Votey," *Journal of Criminal Justice* 15, 5, 65-68.
- 1994: "Deviating from the mean: The declining significance of significance," *Journal of Research in Crime and Delinquency*, 31, 4, 434-463.
- 1996: "From Poisson to the present: Applying operations research to problems of crime and justice," *Journal of Quantitative Criminology*, 12, 1, 3-61.
- 1998: "Which homicides decreased? Why?" *Journal of Criminal Law and Criminology*, 88, 4, 1479-1486.
- 1998: "Visualizing homicide: A research note," *Journal of Quantitative Criminology*, 14, 4, 397-410.
- 2000: "Visualizing lives: New pathways for analyzing life course histories" (with Jacqueline Mullany), *Journal of Quantitative Criminology*, 16, 2, 255-281.
- 2001: "Right-to-carry concealed weapon laws and homicide: The effect on weapon types, victim characteristics and victim-offender relationships" (with David Olson), *Journal of Law and Economics*, 44, 2 (Part 2), 747-770.
- 2002: "A note on the use of county-level crime data" (with Joseph Targonski), *Journal of Quantitative Criminology*, 18, 3, 297-318.
- 2003: "Measurement and other errors in county-level UCR data: A reply to Lott and Whitley" (with Joseph Targonski), *Journal of Quantitative Criminology*, 19, 2, 199-206.

- 2006: "Some *p*-baked thoughts ( $p > 0.5$ ) on experiments and statistical significance." *Journal of Experimental Criminology*, 1, 2, 211-226.
- 2010: "Picturing JQC's future." *Journal of Quantitative Criminology*, 26, 425-428..
- 2010: "Data, data everywhere." *Justice Research and Policy*, 12, 97-103.
- 2011: "Homicide rates in the Old West" (with Randolph Roth and Douglas L. Eckberg), *Western Historical Quarterly*, 42, 2, forthcoming.

## Reports

- 1963: "Analysis of Chatter in Contactor Control Systems, with Application to Dual-Input Plants," Ph.D. dissertation, Stanford University Department of Electrical Engineering. Also published as SUDAER Technical Report No. 155, Stanford University Department of Aeronautics and Astronautics.
- 1963: "Determination of Attitude Stability Using the Energy Integral," Aerospace Corporation Technical Memo ATM-64 (4340-20), September.
- 1968: *Reports, Records and Communications in the Boston Police Department* (with Stephen Waldron *et al*), Law Enforcement Assistance Administration, GPO: Washington, D.C.
- 1969: "An Emergency Medical Communications System for the State of Maine," report to the Maine Hospital Association, Arthur D. Little, Inc., Cambridge, Massachusetts.
- 1975: "A Plan for Evaluation of the Financial Crimes Bureau of the Illinois Attorney General's Office;" "A Plan for Evaluation of the Prosecution Assistance Bureau of the Illinois Attorney General's Office;" reports to the Illinois Attorney General's Office, funded under LEAA Discretionary Grant No. 73-DF-05-0007.
- 1976: *Law Enforcement Guide: Combating Cigarette Smuggling* (with Herbert Edelhertz and Harvey H. Chamberlain), Law Enforcement Assistance Administration, Washington, D.C.
- 1976: "Assessment of the Beat Representative Grant, Phase I: Present Status and Recommendations for the Future" (with Leonard Bickman and Paul J. Lavrakas), report to the Illinois Law Enforcement Commission.
- 1976: "Phase II Assessment of the Beat Representative Grant" (with Leonard Bickman, Paul J. Lavrakas, and Lamar Q. Billups), report to the Illinois Law Enforcement Commission.
- 1976: "Evaluation Plan for the Corruption Control Bureau, Division of Criminal Justice, New Jersey Department of Law and Public Safety," report to the Criminal Courts Technical Assistance Project, American University Law Institute, Washington, D.C.
- 1979: "Analysis of Bid Data for Patterns of Collusion" (with Stephen M. Pollock), report to the National District Attorneys Association, Economic Crime Project.
- 1980: "Feasibility Study to Analyze Bid Patterns on EPA Construction Grant Projects" (with Stephen M. Pollock), report to the U.S. Environmental Protection Agency.
- 1981: "On Recidivism: Exploring Its Properties as a Measure of Correctional Effectiveness," report to the National Institute of Justice, 253 pp.
- 1982: "The Use of Surveys in Evaluating Criminal Justice Programs" (with Mark S. Rosentraub), report to the Bureau of Justice Statistics, 250 pp.
- 1982: "Impact Evaluation of the DHS Restitution Program for Juvenile Offenders" (with Doug Thomson *et al*), report to the Department of Human Services, City of Chicago, 72 pp.
- 1982: "Developing New Measures of Effectiveness for Organized Crime Control Efforts," report to the Organized Crime Research Program, Temple University Law School, 110 pp.
- 1998: *Displaying Violent Crime Trends Using Estimates from the National Crime Survey* (with Marianne W. Zawitz), Report No. NCJ-167881, Bureau of Justice Statistics, Office of Justice Programs, U.S. Department of Justice, Washington, DC, 10 pp. Available at <http://www.ojp.usdoj.gov/bjs/abstract/dvctue.htm>
- 1999: *Bridging Gaps in Police Crime Data*, a discussion paper from the BJS Fellows Program. Report No. NCJ-1176365, Bureau of Justice Statistics, Office of Justice Programs, U.S.

- Department of Justice, Washington, DC, 72 pp. Available at <http://www.ojp.usdoj.gov/bjs/pub/pdf/bgpcd.pdf>.
- 2001: "State and Local Change and the Violence Against Women Act" (with Marcia Chaiken, Barbara Boland, Susan Martin, and Joseph Targonski), report to the National Institute of Justice, 158 pp.
- 2002: "A Critique of the Analysis of the Deterrent Effectiveness of 'Shall-Issue' Laws," report prepared for presentation at the National Research Council's Committee on Law and Justice, Meeting on Improving Research Information and Data on Firearms.
- 2006: "Crime in Ohio: Analyses of OIBRS Data," A Report to the State of Ohio's Office of Criminal Justice Services (with Danielle Payne, Lauren Krivo, and Ruth Peterson), Criminal Justice Research Center, The Ohio State University. Available at [http://www.publicsafety.ohio.gov/links/ocjs\\_OIBRSFinalReport011906-osu.pdf](http://www.publicsafety.ohio.gov/links/ocjs_OIBRSFinalReport011906-osu.pdf).
- 2006: "Creating a UCR Utility," Final Report to the National Institute of Justice, (with Harald Weiss), Criminal Justice Research Center and Department of Sociology, The Ohio State University.
- 2006: "Developing Imputation Methods for Crime Data," Report to the American Statistical Association Committee on Law and Justice Statistics (with Clint Roberts and Elizabeth A. Stasny), Criminal Justice Research Center, The Ohio State University.
- 2007: "Domestic Violence in Ohio 2004," A Report to the State of Ohio's Office of Criminal Justice Services (with Danielle Payne, Ruth Peterson, and Lauren Krivo), Criminal Justice Research Center, The Ohio State University. Available at [http://www.publicsafety.ohio.gov/links/ocjs\\_FinalOIBRSReport3-26-07.pdf](http://www.publicsafety.ohio.gov/links/ocjs_FinalOIBRSReport3-26-07.pdf).
- 2007: "Analysis of FBI-Collected Arrest Data," Final Report to the Bureau of Justice Statistics, (with Harald Weiss), Criminal Justice Research Center and Department of Sociology, The Ohio State University.
- 2009: "Forecasting California's Prison Population" (with Jan M. Chaiken), Final Report to the California Department of Corrections and Rehabilitation, Offender Information Services Branch. Available at <http://sociology.osu.edu/mdm/CDCRPopForecast.pdf>.

## Reviews

- 1974: Review of: Francis A.J. Ianni, *Black Mafia*, in *Journal of Criminal Justice* 2, 3, 272-74.
- 1978: Review of: United Nations Social Defense Research Institute, *Evaluation Research in Criminal Justice*, in *Journal of Criminal Justice* 6, 2, 183-84.
- 1980: "Beyond Suppression: More *Sturm und Drang* on the Correctional Front," (Review of Charles Murray and Louis Cox, *Beyond Probation*) in *Crime and Delinquency* 26, 3, 389-97.

## Dataset

Monthly Uniform Crime Report (UCR) data from 1960 to 2004, for over 17,000 police departments, for 26 crime categories or subcategories, at <http://sociology.osu.edu/mdm/UCR1960-2004.zip>

## COURSES RECENTLY TAUGHT

Research Methods I (Study Design), at the undergraduate level  
 Research Methods II (Statistical Analysis), at the undergraduate level  
 Computer Methods in Criminal Justice Research, at the advanced undergraduate level  
 Organized and White Collar Crime, at the advanced undergraduate level  
 Research Methods: Study Design, at the graduate level  
 Research Methods: Statistical Analysis, at the graduate level

Seminar on the Behavioral Consequences of Punishment, at the graduate level  
Seminar on Topics in Recidivism and Deterrence, at the graduate level  
Statistics as Evidence, at the graduate and advanced undergraduate level  
Graphical Methods of Analyzing Data, at the graduate level  
Longitudinal Analysis of Data, at the graduate and advanced undergraduate level

## **UNIVERSITY SERVICE**

Member, Review Committee, UIC Urban Transportation Center, 1986-87  
Member, UIC Strategic Planning Committee, 1986-88  
    Chair, Research Subcommittee, 1986-87  
    Member, Support Services Subcommittee, 1987-88  
Member, UIC Senate Committee on Academic Services, Subcommittee on Academic Computer Services, 1987-95.  
Member, Review Committee, UIC Center for Urban Economic Development, 1989-90.  
Member, Public Safety and Justice Subcommittee, UIC Great Cities Committee, 1993.  
Member, Search Committee, Director of the UIC Computer Center, 1994.  
Chair, Policy Committee, UIC Social Science Computing Laboratory, 1994-95.  
Member, Search Committee, Head of the Department of Criminal Justice, UIC, 1996.  
Member, Campus Research Board, UIC, 2001-02.

## **PROJECT GRANT AND ADMINISTRATIVE ACTIVITY**

At Arthur D. Little, Inc.:

    Associate project director, Boston Police Department study, 1967-1969.  
    Project director, study of emergency medical communications for the Maine Hospital Association, 1969.

At the National Institute of Law Enforcement and Criminal Justice (now National Institute of Justice):

    Program manager, police mobility systems, 1969-1972.  
    Program manager, analysis of criminal activity, 1969-1972.  
    Acting program manager, organized crime, 1970.  
    LEAA representative to Interagency Committee on Transportation Security, 1971-1972.  
    Director, task force on offender-based transaction statistics, 1971-1972.  
    Director, task force to develop a long-range research program on "Policing the City," 1972.

At the University of Illinois at Chicago:

    Project director, development of evaluation plans for the Financial Crimes Bureau and Prosecution Assistance Bureau, Illinois Attorney General's Office, 1974-75.  
    Project director and visiting scientist, Battelle Law and Justice Study Center, Seattle, analysis of the cigarette smuggling problem in the United States, 1975-76.  
    Project director and principal investigator, Development of Methods to Determine Correctional Effectiveness, Grant No. 77-NI-99-0073 from the National Institute of Law Enforcement and Criminal Justice, 1977-79.  
    Project director, Developing Improved Techniques for Evaluating Correctional Programs, Grant No. 79-NI-AX-0068 from the National Institute of Law Enforcement and Criminal Justice, 1979-81.  
    Project director and principal investigator, The Chronic Juvenile Offender: Intervention Decisions and their Impact on Regression Effects, Grant No. 81-IJ-CX-0064 from the National Institute of Justice, 1981-83.

Project Director, Mapping Crime in Its Community Setting, Grant No.86-IJ-CX-0074 from the National Institute of Justice to the Chicago Police Department, 1986-88. UIC was subgrantee to the Chicago Police Department.

International Program Development Travel Grant from the Midwest Universities Consortium for International Activities, for development of an exchange program with criminal justice-related organizations in Costa Rica, summer 1991.

UIC Campus Research Board grant, for research on Residential Mobility, the Life Course, and Juvenile Outcomes, Spring 1994.

Project Director, Development of Graphical and Geographical Methods for Analyzing Criminal Justice Data, grant to fund a Visiting Fellowship, from the Bureau of Justice Statistics, January-December 1995, renewed February 1996-December 1997; renewed February 1998-December 2000.

Co-principal investigator, Evaluation of the Girls Link Program, contract from the Cook County Bureau of Public Safety, May 2001 - May 2002.

Project Director, Enhancing Imputation Methodologies for County-Level Uniform Crime Report (UCR) Data, grant No. 2001-IJ-CX-0006 from the National Institute of Justice, February 2001 - January 2004.

At the Ohio State University:

Project Director, Creating a UCR Utility, grant No. 2004-IJ-CX-0083 from the National Institute of Justice, July 2004-December 2005.

Co-principal investigator, Analyzing Ohio Crime Incident Data, grant from the Ohio Office of Criminal Justice Services, October 2004-September 2005.

Principal investigator, Developing and Testing Methods for Imputing Monthly UCR Crime Data, American Statistical Association Committee on Law and Justice Statistics, March 2005-December 2006.

Co-principal investigator, Segregation and Local Crime: An Integrated Spatial Analysis, National Science Foundation, September 2005-August 2007.

Principal investigator, Domestic Violence in Ohio, grant from the Ohio Office of Criminal Justice Services, January 2006-December 2006.

Other:

Principal investigator, contract with the California Department of Corrections and Rehabilitation, evaluation of prison projection models and methods, July 2007-April 2009.

## **CONSULTING ACTIVITIES**

Task Force on Criminal Justice Research and Development, National Advisory Commission on Criminal Justice Standards and Goals, 1975-76.

Rand Corporation, Santa Monica, California, 1976-82.

Working Group on the National Crime Information Center (NCIC), Office of Technology Assessment, U.S. Congress, 1977-78.

Office of Municipal Investigation, City of Chicago (statistical procedures for analyzing evidence), 1981-82.

National Institute of Justice, various activities (peer review panels, report reviews, advisory committees), 1974- .

Illinois Law Enforcement Commission, 1974-80.

Loyola University of Chicago, Assessment of Citizen Crime Reporting Projects, 1976.

Westinghouse Corporation, Crime Prevention Through Environmental Design Program, 1976-1977.

Criminal Courts Technical Assistance Project, American University Law Institute, 1976-79.



National District Attorneys Association, collusion in bidding procedures, 1977-79.  
 Northwestern University, the use of surveys in evaluation research, 1979-81.  
 U.S. Environment Protection Agency, bidding procedures, 1980.  
 Temple University Law School, Organized Crime Research Program, 1980-84.  
 Northwestern University Traffic Institute, deterrence in drunk driving programs, 1983-86.  
 Abt Associates, Inc., evaluation of the "Friendly Peersuasion" Program of the Girls Clubs of America, 1988-89.  
 Chicago Transit Authority, expert witness, crime statistics, Davila v. CTA, 1988-89.  
 Rutgers University School of Criminal Justice, recidivism of federal white collar criminals, 1990-93.  
 Northwestern University Traffic Institute, effect of traffic enforcement on crime, 1990-92.  
 Johnson & Bell, expert witness, crime statistics, Brown v. Walgreen Co., 1993-94.  
 LINC, Community-Oriented Policing Project Innovations, 1996-99.  
 Johnson & Bell, expert witness, crime statistics, Target Corporation, 1998 - 2000.  
 LINC, evaluation of the impact of the Violence Against Women Act, 1998 - 2000.  
 New York State Attorney General's Office, methods for analyzing street stop data for "racial profiling," 1999.  
 Hunt Associates, expert witness, statistical analysis concerning "racial profiling," Medrano v. Village of Mount Prospect, 2000.  
 U.S. Attorney, Southern District of New York, statistical consulting on methods for analyzing street stop data, 2000.  
 The Spangenberg Group, statistical consulting to develop estimates of the cost of capital vs. non-capital cases, for the Illinois Governor's Commission on Capital Punishment, 2001.  
 Krenzel & Associates, Philadelphia, analysis of Pennsylvania felony sentencing data, for the Southeast Pennsylvania Transportation Authority (SEPTA), 2004.  
 Consultant, statistical analysis of bidding behavior, World Bank, January-June 2007.  
 Consultant, California prison population forecasting, University of California, Irvine, 2013-2014.

## **PROFESSIONAL ACTIVITIES**

### **Editorial and Review Activities**

Editor, *Journal of Quantitative Criminology*, 1996 – 2000; Editorial Board, 2001 - .  
 Consulting Editor, *Journal of Research in Crime and Delinquency*, 1976 - 2010.  
 Editorial Advisory Board, *Journal of Criminal Justice*, 1976-86.  
 Associate Editor, *Operations Research*, 1978-83.  
 Editorial Board, *Law and Policy Quarterly*, 1977-81.  
 Editorial Board, *Journal of Experimental Criminology*, 2007 - .  
 Editorial Board, *Criminology*, 2002 - 2011.  
 Reviewer, *Criminology*, *Journal of Quantitative Criminology*, *Journal of Urban Affairs*, *Law and Society*, *Management Science*, *Operations Research*, *Policy Studies*, *Science*, *Sociological Quarterly*, *Journal of the American Statistical Association*, *The Professional Geographer*, *Justice Research and Policy*.  
 Peer review committee member, National Institute of Justice (Police Program, Drug Market Analysis Program, Methodology Improvement Division, Data Resources Program); National Institute of Mental Health (Center for Studies in Crime and Delinquency); National Science Foundation (Law and Social Science Program, Decision and Management Science Program); Bureau of Justice Assistance, Bureau of Justice Statistics.

### **Other**

Visiting Lecturer, Operations Research Society of America and the Institute of Management Sciences, 1973-75.

Member, Board of Directors, the Institute of Public Program Analysis, St. Louis, 1974-81.

Member, Board of Directors, Business and Professional People for the Public Interest, Chicago, 1976-95.

Member, Board of Directors, Illinois Citizens for Handgun Control, Chicago, 1980-83. Race Director, "Run Against the Handgun," October 1981.

Member, Board of Directors, Chicago Law Enforcement Study Group, 1982-88.

Member, Research Advisory Committee, Chicago Police Department, 1983-87.

Member, Research Advisory Committee, Evanston Police Department, 1985-93.

Member, Citizens Oversight Committee, Chicago Police Dept. Public Safety Communication Study, 1988-91.

Member, Law Enforcement Advisory Group, Apple Computers, Inc., 1988-89.

Member, Mayor's Blue Ribbon Committee on the Status of Police Emergency Services, City of Chicago, 1989.

Chair, Advisory Committee, Los Angeles Police Department Automated Reporting System Task Force, 1989-91.

Member, National Institute of Justice Advisory Committee on Computer Crime, 1989.

Member, User Advisory Group on Crime and Safety, Metropolitan Chicago Information Center, 1989-91.

Member, Program Advisory Team, Drug Market Analysis Program (Hartford, Jersey City, Kansas City, Pittsburgh, and San Diego Police Departments), National Institute of Justice, 1990-93.

Member, Information Systems Advisory Committee, Chicago Police Department, 1990-91.

Member, Academic Advisory Committee, Illinois Criminal Justice Information Authority, 1990 -

Member, Advisory Board, TRIAD (Treatment of Inmates' Addictions to Drugs) Program, Federal Bureau of Prisons, 1990 - 95.

Member, Advisory Committee, "Early Warning System for Street Gang Crisis Areas: Automated Hot Spot Identification and Law Enforcement" Project, Illinois Criminal Justice Information Authority, 1991-2 .

Lecturer, police and related data, Interuniversity Consortium for Political and Social Research, University of Michigan, June 1994; June, 1995.

Resource person, Task Force on Future Directions for the National Archive of Criminal Justice Data, 1995.

Member, Working Group on Criminal Justice Statistics, Office of Justice Programs, US Department of Justice, 1995-8.

Member, Research Council, US Department of Justice, 1996-9.

Chair, Joint BJS/FBI Working Group on UCR/SHR Imputation Procedures, 1997.

Member, Research Advisory Board, Police Foundation, 1997- 99.

Member, focus group for review of the National Crime Victimization Survey, Summer 1998.

Moderator and presenter, NIJ meeting on new research paradigms, July, 1998.

Invited Discussant, Workshop on Building Data Systems for Violence Against Women, Centers for Disease Control and Department of Justice, October, 1998.

Chair and presenter, Methods section, Life History Research Society, Kauai, HI, October, 1998.

Invited speaker, meeting of the Association of State Uniform Crime Reporting Programs, Topeka, KS, October, 1999.

Invited speaker, annual UCR subcommittee meeting, FBI Advisory Policy Board, Chandler, AZ, October, 1999.

Invited speaker, Guns & Crime seminar, American Enterprise Institute, December, 1999.

Member, American Statistical Association Committee on Law and Justice, Subcommittee on Uniform Crime Reporting Imputation, August, 2000 - .

Invited presenter, characteristics of UCR crime data, Workshop on Improving Research Information and Data on Firearms, National Research Council, January 16, 2002.

Consultant on crime analysis, DC sniper case, National Institute of Justice, October 24-25, 2002.

Member, Advisory Committee on the National Incident-Based Reporting System (NIBRS), Illinois State Police, June, 2002 – January 2003.  
Invited participant, FBI and Bureau of Justice Statistics Workshop on Redesign of the FBI Crime Index, September 25-26, 2003.  
Member, Advisory Committee on Geography and Crime, National Institute of Justice, 2007-2008.  
Reviewer, Draft NRC Report, *Strengthening Scientific Research and Development at the National Institute of Justice*, January 2010.  
Invited presenter, Data Visualization Workshop, Air Force Research Laboratory, Dayton, OH, April 27-30, 2010.  
Reviewer, FBI Uniform Crime Reporting Program's rape redefinition and its impact on crime statistics, 2013.  
Member, National Research Council Panel on Modernizing the Nation's Crime Statistics, 2013-2014.

## **PROFESSIONAL ASSOCIATIONS**

American Association for the Advancement of Science, fellow  
American Society of Criminology, member (Student Awards Committee, 1986-87; Program Committee, 1993; Editorial Board Committee, 1998-99; Publications Committee, 2005- ; Sutherland Award Committee, 2008-09.  
American Statistical Association, member  
INFORMS (Institute for Operations Research and Management Science), member 1994-2000  
International Association of Crime Analysts, member, 1993-8  
International Association for the Study of Organized Crime, member, 1987-96 (Trustee, 1988-89)  
Operations Research Society of America, member 1966-1994 (merged into INFORMS); Special Interest Group in Crime and Justice, Chairman, 1977-80, Advisory Board, 1980-86  
Sigma Xi, member  
The Institute of Management Sciences, member 1985-1994 (merged into INFORMS)

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