

VITA

David McDowall

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Education

Ph.D. 1980 Sociology, Northwestern University
M.A. 1975 Sociology, Northwestern University
B.S. 1973 Sociology, Portland State University

Current Position

Distinguished Teaching Professor, School of Criminal Justice, University at Albany, SUNY

Previous Positions

Professor (1996 - 2013), School of Criminal Justice, University at Albany, SUNY
Professor (1992 - 1996), Department of Criminology and Criminal Justice, University of Maryland
Associate Professor (1990 - 1992), Department of Criminology and Criminal Justice, University of Maryland
Associate Professor (1985 - 1990), School of Criminal Justice, University at Albany, SUNY
Assistant Professor (1982 - 1985), Department of Sociology, University at Buffalo, SUNY
NIMH Postdoctoral Fellow (1980 - 1982), Department of Sociology, University of Michigan

Awards and Honors

Criminology Teaching Award, American Society of Criminology (for career-length achievement), 2011
Fellow, American Society of Criminology, selected 2009
SUNY Chancellor's Award for Excellence in Teaching, 2005
University at Albany President's Award for Excellence in Teaching, 2005
Award for Excellence in Graduate Student Development (given by School of Criminal Justice Graduate Student Association), 2002

Editorial Service

Editor, *Journal of Quantitative Criminology*, 2001-2008

Editorial Board, *Journal of Research in Crime and Delinquency*, 2013-Present

Editorial Board, *Journal of Experimental Criminology*, 2005-Present

Editorial Board, *Journal of Quantitative Criminology*, 1995-2001, 2008-Present

Editorial Board, *Criminal Justice 2000* (edited volumes), National Institute of Justice, 1998-2000

Editorial Board, *Criminology*, 1990-1997

Associate Editor, *Journal of Research in Crime and Delinquency*, 1989-1991

Publications

Books

- 1980 *Interrupted Time Series Analysis*. Sage University Paper Series on Quantitative Applications in the Social Sciences. Beverly Hills, CA: Sage. (With Richard McCleary, Errol E. Meidinger and Richard A. Hay, Jr.)
- 1980 *Applied Time Series Analysis for the Social Sciences*. Beverly Hills, CA: Sage. (With Richard McCleary, Richard A. Hay, Jr. and Errol E. Meidinger)
- 1996 *Statistical Handbook of Violence in America*. Phoenix: Oryx. (Editor, with Adam Dobrin, Brian Wiersema and Colin Loftin)

Journal Articles and Contributions to Collected Works

- 1979 "How a Regression Artifact Can Make *Any* Delinquency Intervention Program Look Effective." Pages 626-652 in L. Sechrest, S.G. West, M.A. Phillips, R. Redner, and W. Yeaton (editors), *Evaluation Studies Review Annual, Volume 4*. Beverly Hills, CA: Sage. (With Richard McCleary, Andrew C. Gordon and Michael D. Maltz)
- 1980 "An Artifact in Pretest - Posttest Designs." *Evaluation Review*, 4:225-240. (With Michael D. Maltz, Andrew C. Gordon and Richard McCleary)
- 1981 "'One With A Gun Gets You Two': Mandatory Sentencing and Firearms Violence in Detroit." *Annals of the American Academy of Political and Social Science*, 455:150-167. (With Colin Loftin)
- 1981 "Regression Artifacts in Correctional Program Evaluations." Pages 27-47 in S. E. Zimmerman and H. D. Miller (editors), *Corrections at the Crossroads: Designing Policy*. Beverly Hills, CA: Sage. (With Richard McCleary, Andrew C. Gordon and Michael D. Maltz).
- 1982 "The Police, Crime, and Economic Theory: An Assessment." *American Sociological Review*, 47:393-401. (With Colin Loftin)
Reprinted, pages 10-25 in D. H. Bayley (ed.), *What Works in Policing*. New York, Oxford, 1998.

- 1982 "ARIMA Causal Models: An Introduction and an Application to Deterrence Research." Pages 135-148 in J. Hagan (editor), *Deterrence Reconsidered*. Beverly Hills, CA: Sage. (With Colin Loftin)
- 1982 "Federal Firearms Policy and Mandatory Sentencing." *Journal of Criminal Law and Criminology*, 73:1051-1060. (With Milton Heumann and Colin Loftin)
- 1983 "Collective Security and the Demand for Legal Handguns." *American Journal of Sociology*, 88:1146-1161. (With Colin Loftin)
- 1983 "Mandatory Sentencing and Firearms Violence: Evaluating an Alternative to Gun Control." *Law and Society Review*, 17:287-318. (With Colin Loftin and Milton Heumann)
- 1984 "The Deterrent Effects of the Florida Felony Firearm Law." *Journal of Criminal Law and Criminology*, 75:250-259. (With Colin Loftin)
- 1984 "A Time Series Approach to Causal Modeling: Swedish Population Growth, 1750-1849." *Political Methodology*, 10:357-375. (With Richard McCleary)
- 1984 "Conflict, Crime, and Budgetary Constraint: Police Strength in Detroit, 1927-1976." Pages 101-124 in T. J. McDonald and S. K. Ward (editors), *The Politics of Urban Fiscal Policy*. Beverly Hills, CA: Sage. (With Colin Loftin)
Reprinted, pages 326-349 in E. H. Monkkonen (ed.), *Theory and Methods in Criminal Justice Research, Part 1*. Munich: K. G. Saur, 1992.
- 1985 "Collective Security and Fatal Firearms Accidents." *Criminology*, 23:401-416. (With Colin Loftin)
- 1986 "Poverty and Homicide in Detroit, 1926-1978." *Violence and Victims*, 1:23-34.
- 1986 "Gun Availability and Robbery Rates: A Panel Study of Large U.S. Cities, 1974-1978." *Law and Policy*, 8:133-148.
- 1986 "Fiscal Politics and the Police: Detroit, 1928-1976." *Social Forces*, 65:162-176. (With Colin Loftin)
- 1986 "Constructing an Index of Officially Recorded Crime: The Use of Confirmatory Factor Analysis." *Journal of Quantitative Criminology*, 2:237-250. (With Robert Nash Parker)
- 1987 "Collective Security and the Ownership of Firearms for Protection." *Criminology*, 25:47-62. (With Robert L. Young and Colin Loftin)
- 1988 "Criminalizing Delinquency: The Deterrent Effects of the New York Juvenile Offender Law." *Law and Society Review*, 22:521-535. (With Simon I. Singer)
- 1988 "The Analysis of Case-Control Studies in Criminology." *Journal of Quantitative Criminology*, 4:85-98. (With Colin Loftin)
- 1989 "Did Mandatory Firearm Ownership in Kennesaw Really Prevent Burglaries?" *Sociology and Social Research*, 74:48-51. (With Brian Wiersema and Colin Loftin)
- 1989 "Economic Change and Homicide in Detroit, 1926-1979." Pages 163-177 in T. R. Gurr (editor), *Violence in America: The History of Crime*. Newbury Park, CA: Sage. (With Colin Loftin and James Boudouris)

- 1991 "Firearm Availability and Homicide Rates in Detroit, 1951-1986." *Social Forces*, 69:1085-1101.
- 1991 "Preventing Homicide: An Evaluation of the Efficacy of a Detroit Gun Ordinance." *American Journal of Public Health*, 81:576-581. (With Patrick W. O'Carroll, Colin Loftin, John B. Waller, Alan Bukoff, Richard O. Scott, James A. Mercy and Brian Wiersema)
- 1991 "Effects of Restrictive Licensing of Handguns on Homicide and Suicide in the District of Columbia." *New England Journal of Medicine*, 325:1615-1620. (With Colin Loftin, Brian Wiersema and Talbert J. Cottey)
 Related correspondence and discussion appears in *New England Journal of Medicine*, 326 (1992):1160, and in *New England Journal of Medicine*, 330 (1994):1158-1159.
 Cited in *District of Columbia v. Heller*, 128 S. Ct. 2783 - Supreme Court 2008.
- 1991 "General Deterrence Through Civilian Gun Ownership: An Evaluation of the Quasi-Experimental Evidence." *Criminology*, 29:541-559. (With Alan J. Lizotte and Brian Wiersema)
- 1991 "Social Change and Crime Rates: An Evaluation of Alternative Theoretical Approaches." *Social Forces*, 70:165-185. (With Terance D. Miethe and Michael Hughes)
- 1991 "Economic Risk Factors for Infant Homicide." Pages 273-276 in *Proceedings of the 1991 Public Health Conference on Records and Statistics*. Washington, DC: U.S. Department of Health and Human Services. (With Colin Loftin and Brian Wiersema)
- 1992 "A Comparative Study of the Preventive Effects of Mandatory Sentencing Laws for Gun Crimes." *Journal of Criminal Law and Criminology*, 83:378-394. (With Colin Loftin and Brian Wiersema)
 Reprinted, pages 521-538 in D. Weisburd and S. Bushway (eds.), *Quantitative Methods in Criminology*. Aldershot, UK: Ashgate, 2005.
- 1992 "Comparing the UCR and NCS Over Time." *Criminology*, 30:125-132. (With Colin Loftin)
- 1992 "Preventive Effects of Mandatory Sentencing Laws for Gun Crimes." Pages 87-94 in *Proceedings of the Social Statistics Section, American Statistical Association*. Washington, DC: American Statistical Association. (With Colin Loftin and Brian Wiersema)
- 1993 "Gun Control." In C. Calhoun and G. Ritzer (editors), *Social Problems*. New York: McGraw-Hill. (With Alan J. Lizotte)
 Reprinted, pages 35-50 in C. Calhoun and G. Ritzer (editors), *Perspectives on Sociology*. New York: McGraw-Hill, 1996.
 Also reprinted, pages 1-16 in C. Calhoun and G. Ritzer (editors), *Perspectives on Criminal Justice*. New York: McGraw-Hill, 1996.
- 1993 "Contextual Effects in Models of Criminal Victimization." *Social Forces*, 71:741-759. (With Terance D. Miethe)

- 1993 "Evaluating Effects of Changes in Gun Laws." *American Journal of Preventive Medicine*, 9 Supplement:39-43. (With Colin Loftin and Brian Wiersema)
- 1993 "Guns, Southernness, and Gun Control." *Journal of Quantitative Criminology*, 9:289-307. (With Pauline G. Brennan and Alan J. Lizotte)
- 1994 "The Incidence of Defensive Firearm Use by US Crime Victims, 1987 Through 1990." *American Journal of Public Health*, 84:1982-1984. (With Brian Wiersema)
Abstracted in *JAMA*, 273 (1995):1730 f.
Reprinted, pages 315-321 in J. E. Dizard, R. M. Muth, and S. P. Andrews, Jr. (eds.), *Guns in America: A Reader*. New York: New York University Press, 1999.
- 1994 "Neighborhood Context and Delinquency: A Longitudinal Analysis." Pages 217-227 in E. G. M. Weitekamp and H. J. Kerner (editors), *Cross-National Longitudinal Research on Human Development and Criminal Behavior*. Dordrecht: Kluwer Academic. (With Alan J. Lizotte, Terence P. Thornberry, Marvin D. Krohn, and Deborah Chard-Wierschem)
- 1994 "Estimating the Effects of Firearm Regulations on Violence." Pages 32-34 in *Proceedings of the 1993 National Conference of the Bureau of Justice Statistics and the Justice Research Statistics Association*. Washington, DC: U.S. Department of Justice.
- 1995 "Firearm Availability and Homicide Rates." Pages 304-307 in W. G. Bailey (editor), *Encyclopedia of Police Science, second edition*. New York: Garland.
A revised version appears in J. R. Greene (editor), *Encyclopedia of Police Science, third edition*. New York: Routledge, 2007, pages 530-535.
- 1995 "Firearms and Self-Defense." *Annals of the American Academy of Political and Social Science*, 539:130-140.
- 1995 "Easing Concealed Firearm Laws: Effects on Homicide in Three States." *Journal of Criminal Law and Criminology*, 86:193-206. (With Colin Loftin and Brian Wiersema)
Related correspondence and discussion appears in *Police*, September, 1995:11-12, and in *Journal of Criminal Law and Criminology*, 86 (1995):221-226.
Reprinted in part, pages 83-85 in M. Bijlefeld (editor), *The Gun Control Debate: A Documentary History*. Westport CT: Greenwood, 1997.
Reprinted, pages 452-464 in L. Nisbet (editor), *The Gun Control Debate: You Decide* (second edition). Amherst, NY: Prometheus, 2001.
Reprinted in part, pages 38-45 in S. H. Decker, L.F. Alarid, and C.M. Katz (editors), *Controversies in Criminal Justice*. Los Angeles: Roxbury, 2003.
- 1995 "Boot Camp Prisons and Recidivism in Eight States." *Criminology*, 33:327-357. (With Doris Layton MacKenzie, Robert Brame, and Claire Souryal)

- 1996 "Reciprocal Causal Relationships Among Drug Use, Peers, and Beliefs: A Five-Wave Panel Model." *Journal of Drug Issues*, 26:405-428. (With Marvin D. Krohn, Alan J. Lizotte, Terence P. Thornberry, and Carolyn Smith)
- 1996 "Using Quasi-Experiments to Evaluate Firearm Laws: Comment on Britt et al.'s Reassessment of the D.C. Gun Law." *Law and Society Review*, 30:381-391. (With Colin Loftin and Brian Wiersema)
- Cited in *District of Columbia v. Heller*, 128 S. Ct. 2783 - Supreme Court 2008.
- 1998 "Fatal Firearm-Related Injury Surveillance in Maryland." *American Journal of Preventive Medicine*, 15 Supplement:46-56. (With Brian Wiersema, Colin Loftin, Robert C. Mullen, Erich M. Daub, Monique A. Sheppard, and John E. Smialek)
- 2000 "The Impact of Youth Curfew Laws on Juvenile Crime Rates." *Crime and Delinquency*, 46:76-91. (With Colin Loftin and Brian Wiersema)
- 2000 "Measuring Civilian Defensive Firearm Use: A Methodological Experiment." *Journal of Quantitative Criminology*, 16:1-19. (With Colin Loftin and Stanley Presser)
- 2000 "Measurement and Analysis of Crime and Justice: An Introductory Essay." Pages 1-31 in D. Duffee (editor), *Criminal Justice 2000, Volume 4, Measurement and Analysis of Crime and Justice*. Washington, DC: National Institute of Justice. (With David Duffee, Lorraine G. Mazerolle, and Stephen D. Mastrofski)
- 2000 "A Comparison of SHR and Vital Statistics Homicide Estimates for U.S. Counties." *Homicide Studies*, 4:317-340. (With Brian Wiersema and Colin Loftin)
- 2000 "Juvenile Curfew Laws and Their Influence on Crime." *Federal Probation*, 64:58-63.
- 2001 "Gun Control" and "National Rifle Association." In P. Boyer (editor), *The Oxford Companion to United States History*. New York: Oxford University Press. (With Alan J. Lizotte)
- 2002 "Tests of Nonlinear Dynamics in U.S. Homicide Time Series, and Their Implications." *Criminology*, 40:711-736.
- 2002 "Carrying Guns and Involvement in Crime." Pages 145-158 in R.A. Silverman, T.P. Thornberry, B. Cohen, and B. Krisberg (editors), *Crime and Justice at the Millennium: Essays by and in Honor of Marvin E. Wolfgang*. Boston: Kluwer Academic. (With Alan J. Lizotte, Trudy L. Bonsell, Terence P. Thornberry, and Marvin D. Krohn)
- 2002 "National Crime Victimization Survey (NCVS)." Pages 424-426 in G. L. Carter (editor), *Guns in American Society*. San Diego, ABC-CLIO.
- A revised version appears in G. L. Carter (editor), *Guns in American Society*, second edition. San Diego, ABC-CLIO, 2012, pages 605-608.
- 2003 "Underreporting of Justifiable Homicides Committed by Police Officers in the United States, 1976-1998." *American Journal of Public Health*, 93:1117-1121. (With Colin Loftin, Brian Wiersema, and Adam Dobrin)

- 2003 “Comments on Deborah Azrael, Catherine Barber, David Hemenway, and Matthew Miller, ‘Data on Violent Injury.’” Pages 432-435 in J. Ludwig and P.J. Cook (editors), *Evaluating Gun Policy*. Washington, DC: Brookings.
- 2003 “Regional Culture and Patterns of Homicide.” *Homicide Studies*, 7:353-367. (With Colin Loftin)
- 2004 “Interrupted Time-Series Design.” In M. S. Lewis-Beck, A. E. Bryman, and T. F. Liao (editors), *The Sage Encyclopedia of Social Science Research Methods*. Thousand Oaks, CA: Sage.
- 2005 “The Polls-Review: John R. Lott Jr.’s Defensive Gun Brandishing Estimates.” *Public Opinion Quarterly*, 69:246-263.
- 2005 “Are U.S. Crime Rate Trends Historically Contingent?” *Journal of Research in Crime and Delinquency*, 42:359-383. (With Colin Loftin)
- 2006 “Here We Go Again—Can We Learn Anything from Aggregate-Level Studies of Policy Interventions?” *Criminology and Public Policy*, 5:461-470. (With Shawn Bushway)
- 2006 “Prior Police Contact and Subsequent Victim Reporting: Results from the NCVS.” *Justice Quarterly*, 23:481-501. (With Min Xie, Greg Pogarsky, and James P. Lynch)
- 2007 “What is Convergence, and What Do We Know About It?” Pages 93 - 121 in J.P. Lynch and L.A. Addington (editors), *Understanding Crime Statistics: Revisiting the Divergence of the NCVS and the UCR*. New York: Oxford University Press. (With Colin Loftin)
- 2008 “A Comparison of SHR and Vital Statistics Homicide Estimates for U.S. Cities.” *Journal of Contemporary Criminal Justice*, 24:4-17. (With Colin Loftin and Matthew Fetzer)
- 2008 “Likely Errors When Linking Supplementary Homicide Report Records for Large U.S. Cities.” *Homicide Studies*, 12:234-248. (With Colin Loftin and Min Xie)
- 2008 “The Effects of Residential Turnover on Household Victimization.” *Criminology*, 46:539-575. (With Min Xie)
- 2008 “Escaping Crime: The Effects of Direct and Indirect Victimization on Moving.” *Criminology*, 46:809-840. (With Min Xie)
- 2009 “Longitudinal Data and Their Uses.” Pages 43-58 in M. Krohn, A. Lizotte, and G. Penly-Hall (editors), *Handbook on Criminology and Deviance*. New York: Springer Science + Business Media. (With Alan J. Lizotte and Nicole M. Schmidt)
- 2009 "Do U.S. City Crime Rates Follow a National Trend? The Influence of Nationwide Conditions on Local Crime Patterns." *Journal of Quantitative Criminology*, 25:307-324. (With Colin Loftin)
- 2010 “The Reproduction of Racial Inequality: How Crime Affects Housing Turnover.” *Criminology*, 48:865-896. (With Min Xie)
- 2010 “The Present and Possible Future of Quantitative Criminology.” *Journal of Quantitative Criminology*, 26:429-435.

- 2010 "The Use of Official Records to Measure Crime and Delinquency." *Journal of Quantitative Criminology*, 26:527-532. (With Colin Loftin)
- 2012 "Time Series Designs." Chapter 32 in H. Cooper (editor-in-chief.), *APA Handbook of Research Methods in Psychology: Vol. 2. Quantitative, Qualitative, Neuropsychological, and Biological*. Washington, DC: American Psychological Association. (With Richard McCleary)
- 2012 "Seasonal Cycles in Crime, and Their Variability." *Journal of Quantitative Criminology*, 28:389-410. (With Colin Loftin and Matthew Pate)
- 2013 "Zero-Inflated and Overdispersed: What's One to Do?" *Journal of Statistical Computation and Simulation*, 83:1671-1683. (With Suzanne E. Preumean-Chaney, Charity Morgan, and Immaculada Aban).
- 2014 "Interrupted Time Series Models." Pages 2653-2665 in G. Bruinsma and D. Weisburd (editors), *Encyclopedia of Criminology and Criminal Justice*. New York: Springer Science + Business Media. (With Richard McCleary)
- 2014 "Time Series Properties of Crime Rate Changes: Comments Related to David Greenberg's Paper." *Justice Quarterly*, 31: 189-192.
- 2014 "The Impact of Victimization on Residential Mobility: Explaining Racial and Ethnic Patterns Using the National Crime Victimization Survey." *Criminology*, 51:553-587. (With Min Xie)
- 2015 "The Accuracy of Supplementary Homicide Report Rates for Large U.S. Cities." *Homicide Studies*, 19:6-27. (With Colin Loftin, Karise M. Curtis, and Matthew D. Fetzer)
- 2015 "Quantitative Methods and Crime." Pages 733-735, volume 19, in J. Wright (editor-in-chief), *International Encyclopedia of the Social and Behavioral Sciences*, second edition. Oxford, UK: Elsevier.
- 2015 "Seasonal Variation in Homicide and Assault Across Large U.S. Cities." *Homicide Studies*, forthcoming. (With Karise M. Curtis)
- 2015 "Does Recent Victimization Impact Confidence in the Criminal Justice System?" *Victims and Offenders*, forthcoming. (With Jeanna M. Mastrocinque)
- 2015 "How Effective Are Our 'Better Angels'? Assessing Country-Level Declines in Homicide Since 1950." *European Journal of Criminology*, forthcoming. (With Gary LaFree and Karise M. Curtis)

Other Publications

- 2001 Review of Philip J. Cook and Jens Ludwig, *Gun Violence: The Real Costs*. *New England Journal of Medicine*, 344: 1484-1485.
- 2013 "Graduate Statistics Instruction and the ASC Teaching Award." *The Criminologist*, 38(3): 1, 3-5.