

David M. Bierie, Ph.D.
 U.S. Marshals Service
 United States Department of Justice
David.Bierie@usdoj.gov
bierie@umd.edu

EDUCATION

- 2007 Ph.D., Criminology and Criminal Justice. University of Maryland, College Park.
 Dissertation: *Cost Matters: Application and Advancement of Economic Methods to Policy Choice in Criminology*. Chaired by Doris L. MacKenzie
- 2003 M.A., Criminology and Criminal Justice. University of Maryland, College Park.
 Thesis: *Race and Danger Among the Nation's Confined Youth: A Contextual Analysis*.
- 2000 B.A. Psychology & B.A. Sociology. University of Colorado, Boulder.

STATISTICS & ANALYTIC SOFTWARE

- SAS, STATA, SPSS, TABLEAU, Survey Software (e.g., OPINIO, Survey Monkey);
 dashboards; relational tables; transactional data
- Regression; limited dependent variables; hazard modeling; hierarchical modeling; complex survey; cost-benefit methodology; panel data; randomized experiments; fixed-effects; etc.

RESEARCH POSITIONS

Senior Statistician	United States Marshals Service, U.S. Dept. of Justice	2015 – present
Research Director	Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice	2014 – 2015
Research Criminologist	United States Marshals Service, U.S. Dept. of Justice	2010 – 2014
Social Scientist	Federal Bureau of Prisons, U.S. Dept. of Justice	2006 – 2010
Principal Investigator	University of Maryland: Boot Camp Exp. (managed \$67,000 over one year)	2005 – 2006
Project Manager	University of Maryland: Boot Camp Exp. (managed \$250,000 over two years)	2003 – 2005
Research Assistant	<i>National Consortium for the Study of Terrorism & Responses to Terrorism</i> , Univ. of MD	2003
Research Analyst	Maryland State Sentencing Commission	2002 – 2003
Research Assistant	University of Maryland: MD Death Penalty study	2000 – 2003
Research Assistant	University of Colorado, Juvenile ISP study	1998 – 2000

TEACHING POSITIONS

Lecturer	University of Maryland, College Park	2012 – present
Adjunct	University of Maryland, Univ. College	2012 – present
Teaching Assistant	Psychology of Crime (Graduate-level), UMD	2005
Teaching Assistant	Corrections (Graduate-level), UMD	2005
Teaching Assistant	Program Evaluation (Graduate-level), UMD	2004
Instructor	Psychology and Crime, UMD	2003
Teaching Assistant	Introduction to Criminology, UMD	2001
Teaching Assistant	Introduction to Psychology, CU	1998
Instructor	Parenting Skills: Boulder County Jail, CO	1998 – 1999

CRIMINAL JUSTICE POSITIONS

Juvenile Bond Commissioner	1999 – 2000
Juvenile Diversion Administrator	1997 – 2000
GEAR (Graffiti/Gang) intervention	1997 – 2000
Juvenile Alternative Work Sentencing Coordinator	1997 – 1999
Interim Case Worker for Detained Youth	1997 – 1998

INNOVATIONS & SYSTEM DEVELOPMENT (Selected examples)

<i>Funding Intelligence Tool (F.I.T.)</i>	2014
Visual analytic dashboard tracking geographic, value, and content of more than 50,000 grants and \$36 billion in investment in grants, training, and services by the Office of Justice Programs, U.S. Department of Justice.	
<i>Serial Crime Analysis (S.C.An.)</i>	
Strategy and technology to identify potentially linked crimes across the U.S. through searches of national repositories of police calls-for-service data	
<i>Warrant Analysis & Response Dashboard (W.A.R.)</i>	2012
Created visual analytic & geographic dashboard offering real-time and interactive view of the nation's 2.1 million warrants. The system/tool supports operations, resource allocation, and strategic analysis	
<i>GeoSignaling</i>	2012
Strategy for identification of serial offenders (rape/murder) operating in multiple cities via mining public records / big data	
<i>Analytic Response Tool (A.R.T.)</i>	2011
Strategy and technology to predict offender characteristics through synthesis of more than 60 million prior crimes (“offender profiling with big data”)	

PEER REVIEWED JOURNAL PUBLICATIONS

Under review / In progress

- Budd, K., & Bierie, D. "Comparing male to female juvenile sexual offenders" [under review]
- Bierie, D., Budd, K., Detar, P., & Young, R. "Registration for sexual offenses committed as juveniles: A national portrait" [under review]
- Bierie, D., Budd, K., Detar, P., & Young, R. "Impact of registration on clearance of sexual assaults by strangers"
- Bierie, D., Budd, K., Ulan, E. & Young, R. "Banishing justice: Communities that deny extradition in rape and homicide warrants"
- Bierie, D., & Ulan, E. "When no one's looking: Extradition limits and press coverage of homicide"

Published

- 2017 Budd, K. & Bierie, D. Injury Matters: On Female-Perpetrated Sex Crimes. *Journal of Interpersonal Violence, in press* (doi: 10.1177/0886260517711178)
- 2017 Budd, K., Rocque, M. & Bierie, D. Sexual assaults on U.S. college campus reported to police. *Sexual Abuse: A Journal of Research and Treatment, in press* (doi: 10.1177/1079063217706708)
- 2017 Bierie, D. & Detar, P. Integrating Research: Lessons from the U.S. Marshals Service. *Translational Criminology, volume 4, 4-6.*
- 2016 Bierie, D. M., & Budd, K. M. (2016). Romeo, Juliet, and Statutory Rape. *Sexual Abuse: A Journal of Research and Treatment, in press* (doi:1079063216658451).
- 2015 Budd, K. Bierie, D., & Williams, K. Female sex offender groups. *Sexual Abuse: A journal of research and treatment, in press, (doi: 1079063215594376).*
- 2015 Bierie, D. Assault of police. *Crime & Delinquency, in press (doi: 0011128715574977)*
- 2015 Bierie, D. Utility of Sex Offender Registries: A research note. *Journal of Sexual Aggression, 22(2), 263-273*
- 2015 Bierie, D. National Registry of Active Warrants: A policy proposal. *Federal Probation, 79 (1), 27-30.*
- 2014 Craun, S. & Bierie, D. Craun, S. & Bierie, D. Alternative measures for the impact of the sex offender registry: A research note. *Federal Probation, 79(5).*
- 2014 Bierie, D. Fugitives in the United States. *Journal of Criminal Justice, 42(4), 327-337*
- 2014 Williams, K. & Bierie, D. Comparing male and female sex offenders: A NIBRS analysis. *Sexual Abuse: A Journal of Research and Treatment, 27(3), 235-237.*
- 2014 Bierie, D. & Davis-Seagal, J. Measurement Matters: Examining old and new definitions of rape in federal statistical reporting. *Sexual Abuse: A Journal of Research and Treatment, 27(5), 443-459.*

- 2014 Bierie, D. Enhancing NIBRS: Suggestions for a new national strategy. *International Journal of Offender Therapy and Comparative Criminology*, 59(10), 1125-1143.
- 2014 Bierie, D. & P. Detar. Geographic and social movement of fugitive sex offenders. *Crime & Delinquency*, 62(8), 983-1002.
- 2013 Craun, S., Bierie, D., & Bourke, M. Secondary traumatic stress in law enforcement officers: A longitudinal analysis. *Victims & Offenders*, 9(3), 299-316.
- 2013 Bierie, D., Detar, P., & Craun, S. Firearm violence directed at police. *Crime & Delinquency*, 62(4), 501-524.
- 2013 Craun, S., Detar, P., & Bierie, D. Shots Fired: Examining lethal force used against Deputy US Marshals. *Victims & Offenders*, 8(1), 56-69.
- 2013 Rocque, M., D. Bierie, C. Posick, & D.L. MacKenzie. (2011). Unraveling change: Social bonds during incarceration and recidivism. *Victims & Offenders*, 8(2), 209-230.
- 2012 Bierie, D. Procedural Justice and Prison Violence: Examining complaints among federal inmates (2000 – 2007). *Psychology, Public Policy, and Law*, 19(1), 15-29.
- 2012 Shermer, L., D. Bierie, & A. Shock: Decomposing risk: Endogeneity in prison classification systems. *International Journal of Offender Therapy and Comparative Criminology*, 57(10), 1248-1274.
- 2012 Bierie, D. Perceived danger among the nation's confined youth: Disaggregating micro and macro level forces. *Journal of Criminal Justice*, 28(4), 297-312.
- 2011 Bierie, D. Physical conditions of prison and staff well-being: Impacts on risk and readiness. *International Journal of Offender Therapy and Comparative Criminology*, 56(1), 81-95.
- 2011 Bierie, D. Prison violence, gender, and perceptions: Testing a missing link in discretion research. *American Journal of Crime and Justice*, 37(2), 209-228.
- 2011 Bierie, D. Is Tougher Better? The impact of prison conditions on inmate violence. *International Journal of Offender Therapy and Comparative Criminology*, 56(3), 338-355.
- 2011 Rocque, M., D. Bierie, and D.L. MacKenzie. Social Bonds and Change During Incarceration: Testing a missing link in the reentry research. *International Journal of Offender Therapy and Comparative Criminology*, 55(8), 816-838.
- 2010 Bierie, D. Boot Camps as an intermediate sanction. In Martine Herzog-Evans (ed.), *Transnational Criminology*, Wolf Legal Publishers, AH: Oisterwijk.
- 2010 Franke, D., D. Bierie, and D.L. MacKenzie. Legitimacy in Corrections: A randomized experiment comparing a prison and boot camp. *Criminology and Public Policy*, 9(1), 89-117.
- 2009 Bierie, D. Cost Matters: A randomized experiment comparing recidivism between two styles of prison. *Journal of Experimental Criminology*, 4(5), 371-397.
- 2007 MacKenzie, D.L., D. Bierie, and O. Mitchell. An Experimental Study of a Therapeutic Boot Camp: Impact on Impulses, Attitudes and Recidivism. *Journal of Experimental Criminology*, 3(3), 221-246.

- 2007 O'Neill, L., D. MacKenzie, and D. Bierie. Educational success across prison facilities: A randomized experiment. *The Prison Journal*, 87(3), 311-327.
- 2006 Bierie, D. Review of Prisoner Reentry and Crime in America. *Western Criminology Review*, 7(2), 86-90.
- 2005 Young, D., K. Moline, J. Farrell, and D. Bierie. Best Implementation Practices: Disseminating New Justice Technologies in a Juvenile Justice Agency. *Crime and Delinquency*, 49(1), 135-158.
- 2005 Bierie, D. and K. Murphy. Press and Prosecution: An examination of homicides 1990 – 2000. *Criminal Law Bulletin*, 41(1), 60-74.

GOVERNMENT PUBLICATIONS & REPORTS

- 2012 Bierie, D. & P. Detar. Fugitive behavior: Examining Adam Walsh Act violators over geographic and social space. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2012 Bierie, D. S. Craun, & P. Detar. Gunpoint: Firearm violence directed at police. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2011 Bierie, D. USMS Adam Walsh investigations: A process evaluation. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2011 Bierie, D. Operation guardian: Case closures. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2011 Bierie, D. Operation guardian: Process Evaluation. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2011 Bierie, D. Analytic Response Tool: Briefing paper on applications to child abductions. *Behavior Analysis Unit internal use report, US Marshals Service*.
- 2010 Bierie, D. and J. Edens. Inmate Reentry and Federal Prison *Report submitted to the U.S. Congress*.
- 2009 Bierie, D. Religious Service Programming: Annual report. *Federal Bureau of Prisons internal use report*.
- 2009 Bierie, D. Pay boosting experiment: Saving \$100million by applying the appropriate statistical method. *Federal Bureau of Prisons internal use report*.
- 2008 Bierie, D. Perceptions of training adequacy by Federal Prison staff: A longitudinal analysis (1995 – 2007). *Federal Bureau of Prisons internal use report*.
- 2008 Bierie, D. and W. Saylor. Fear of retaliation: Ranking prisons by staff fear of management. *Federal Bureau of Prisons internal use report*.
- 2007 Bierie, D. Institutional Gender Transitions: The impact of adding female camps to a male prison. *Federal Bureau of Prisons internal use report*.
- 2007 Bierie, D. Punt: Evaluating GAO's 'Cost of private prisons' report. *Federal Bureau of Prisons internal use report*.

- 2007 Bierie, D. Fact or Fiction? Comments on U.S. parole guidelines validation study. *Federal Bureau of Prisons internal use report.*
- 2007 Bierie, D. and W. Saylor. Comparing OPM and PSCS depictions of BOP staff: A cautionary tale. *Federal Bureau of Prisons internal use report.*
- 2006 Bierie, D. Islamic Radicalization in Federal Prison: Fact or Fiction? *Federal Bureau of Prisons internal use report.*
- 2005 MacKenzie, D.L. et al. Final Report: An experimental study of the Maryland Correctional Boot Camp for adults. *Report to the Governor's Office of Crime Control and Prevention.*
- 2004 Mackenzie, D.L. et al. An Experimental Study of the Maryland Correctional Boot Camp for Adults: Intermediate Change. *Report to the Governor's Office of Crime Control and Prevention.*
- 2004 Mackenzie, D.L. et al. An Experimental Study of the Maryland Correctional Boot Camp for Adults: Process Evaluation. *Report to the Governor's Office of Crime Control and Prevention.*
- 2003 Paternoster, R., Brame, R., Bacon, S., Ditchfield, A., Bierie, D., Beckman, K., Perez, D., Strauch, M., and Frederique, N. An Empirical Analysis of Maryland's Death Sentencing System with Respect to the Influence of Race and Legal Jurisdiction. *Report to the Office of the Governor.*
- 2002 Bierie, D. and Farrell, J. Offense Distribution by Age Group, 1997 – 2001. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(12).
- 2002 Bierie, D. and Farrell, J. Property Offenses in Maryland Circuit Courts, 1997 - 2000. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(9).
- 2002 Bierie, D. and Farrell, J. Victim Information in Maryland Circuit Courts, July 2001 – March 2002. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(8).
- 2002 Bierie, D. and Farrell, J. Demographics of Person Offenses in Maryland Circuit Courts, 1997-2000. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(7).
- 2002 Bierie, D. and Farrell, J. Demographics of Drug Sentences in Maryland Circuit Courts, 1997-2000. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(5).
- 2002 Bierie, D. and Farrell, J. Drug Offenses in Maryland Circuit Courts, 1997-2001. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(4).
- 2002 Bierie, D. and Farrell, J. Sentencing Demographics in Maryland, 1996-2001. *Maryland State Sentencing Commission on Criminal Sentencing Policy*, 1(1).

PROFESSIONAL PRESENTATION

- 2016 On Being a 'Translational Criminologist'—perspectives from the field. George Mason University, VA.

- 2016 Value of sex offender registration: State and local sex crime detective training. U.S. Marshals Service, Washington, DC.
- 2016 Value of sex offender registration: Training for U.S. Marshals and Chiefs. U.S. Marshals Service, Fort Lauderdale, FL.
- 2015 Solitary Confinement and Restraints in Juvenile Facilities. *American Society of Criminology*, Washington, DC.
- 2015 Transition from Academia into the Field. *American Society of Criminology*, Washington, DC. *American Society of Criminology*, Washington, DC.
- 2015 Improving OJJDP's Juvenile Justice System Data. *American Society of Criminology*, Washington, DC.
- 2015 Juvenile Female Sex Offenders: Comparing Incidents of Sexual Assault against Children, Peers, and Adults. *American Society of Criminology*, Washington, DC.
- 2015 Author meets critic: Appealing to Justice--Prisoner Grievances, Rights, and Carceral Logic. *American Society of Criminology*, Washington, DC.
- 2014 Warrant Analysis and Response (WAR): Operations and strategy for sex offender investigators. *Presentation to the U.S. Marshals Service*, San Antonio, TX.
- 2014 Research in the field: Building capacity by linking agency researchers in a secure platform. *Presentation to the International Association of Chiefs of Police*, Boston, MA.
- 2013 Operational Applications of Visual Analytics: The next frontier. *Presentation to the Federal Bureau of Investigation*. Washington, D.C.
- 2013 Visual Analytics: Warrant Analysis and Response Program (WARP). *Department of Justice Visual Analytics Research Conference*. Alexandria, VA.
- 2012 Bierie, D. Research integration in the USMS. *Presentation to the National Center for Missing and Exploited Children*. Alexandria, VA.
- 2011 Bierie, D. Operation Guardian: Risk, case closure, and suicide. *Presentation to the National Center for Missing and Exploited Children*. Alexandria, VA: August 2011.
- 2011 Bierie, D. Analytic Response Tool and BAU data systems/strategy. *Presentation to the National Center for Missing and Exploited Children*. Alexandria, VA: March 2011.
- 2010 Bierie, D. Procedural Justice and Prison Violence: Examining Complaints among federal inmates (2000–2007). *Presentation to the American Society of Criminology*. San Francisco, CA.
- 2009 Bierie, D. Testing the Link Between Drug Quantity and Later Criminal Behavior among Convicted Drug Offenders. *Presentation to the American Society of Criminology*. Philadelphia, PA.
- 2009 Bierie, D. Religious Conversion in Prison. *Presentation to the American Society of Criminology*. Philadelphia, PA.
- 2009 Bierie, D. Prison Staff Misconduct: Expanding the Application of Procedural Justice Theory. *Presentation to the American Society of Criminology*. Philadelphia, PA.

- 2009 Bierie, D. On Point? Using Public Safety Factors in Prison Classification Tools. *Presentation to the American Society of Criminology*, Philadelphia, PA.
- 2009 Bierie, D. and N. Langan. Percent (risk)capacity and inmate violence. *Presentation to the American Society of Criminology*. St. Louis, MI.
- 2008 Bierie, D. and N. Langan. Percent risk-capacity and inmate violence. *Presentation to the American Society of Criminology*, St. Louis, MI. *Presentation to staff of the Federal Bureau of Prisons*. Washington, D.C.
- 2008 Bierie, D. Gender and perceived violence in prison: Testing a proposition from Sensemaking with applications to discretion. *Presentation to staff of the Federal Bureau of Prisons*. Washington, D.C.
- 2008 Bierie, D. Is Tougher Better? The impact of prison quality-of-life on staff and inmates. *Presentation to staff of the Federal Bureau of Prisons*. Washington, D.C.
- 2006 Bierie, D. and D.L. MacKenzie. Cost Matters: Application and Advancement of Economic Methods to Policy Choice in Criminology. *Presentation to the American Society of Criminology*. Los Angeles, CA.
- 2005 Bierie, D. et al. Change in Legitimacy and Recidivism: A Randomized Experiment. *Presentation to the American Society of Criminology*. Toronto, Canada.
- 2005 Young, D. et al. Risk Needs Classification Tools: An examination of referred youth in Maryland 2001 – 2003. *Presentation to the Maryland Department of Juvenile Services*. Baltimore, MD.
- 2004 Franke, D. et al. An Experimental Study of the Maryland Correctional Boot Camp for Adults: The Impact of Perceived Legitimacy. *American Society of Criminology*. Nashville, TN.
- 2004 O’Niell, L. et al. An Experimental Study of the Maryland Correctional Boot Camp for Adults: Differences in Educational Attainment. *American Society of Criminology*. Nashville, TN.
- 2004 Bierie, D. et al. An Experimental Study of the Maryland Correctional Boot Camp for Adults: Main Effects and Age Graded Impacts. *American Society of Criminology*. Nashville, TN.
- 2004 Greenbaum, E. & Bierie, D. The Impact of Terrorism on Economic Development: The case of Italy. *U.S. Department of Homeland Security*. Washington, D.C.
- 2003 Greenbaum, E. and Bierie, D. The Impact of Terrorism on Economic Development: The case of Italy. *National Consortium on Violence Research*. College Park, MD.
- 2003 MacKenzie et al. Roundtable: International Prisons Initiative. *American Society of Criminology*. Denver, CO.
- 2003 Bierie, D. and Murphy, K. The Influence of Press Coverage on Prosecutorial Discretion: Examining Homicides 1990 – 2000. *American Society of Criminology*. Denver, CO.
- 2002 Bierie, D. and MacKenzie, D. Race and Victimization among confined youth: A contextual analysis. *Federal Bureau of Prisons*. Washington, D.C.

- 2002 Bierie, D. and MacKenzie, D. Living in Fear: Examining the Nations Confined Youth. *American Society of Criminology*. Chicago, IL.
- 2001 Bierie, D. and MacKenzie, D. National Evaluation of Juvenile Boot Camps: A Matter of Race? *American Society of Criminology*. Atlanta, GA.
- 2000 Silvern, L. et al. Correlates of Adolescent Violence: Substance Abuse and Child Physical Abuse. *American Psychological Association, Division of Child and Family Services*. Washington, D.C.

PROFESSIONAL MEMBERSHIPS & SERVICE

Editorial Board, <i>Psychology, Public Policy, & Law</i>	2016 – present
Editorial Board, <i>Criminology: An interdisciplinary journal</i>	2012 – present
Federal Forum on Child & Family Statistics, (Host: U.S. CDC)	2014 – 2015
National Research Council, (Host: U.S. DOJ)	2014 – 2015
Board member, Division of Policing, (Host: ASC)	2014 – 2015
Human Trafficking Assessment Workgroup, (Host: U.S. DHS)	2013 – 2014
Research Advisory Committee, <i>International Association of Chiefs of Police</i>	2012 – 2014
National Motor Vehicle Theft working group (Host: DOJ/BJA)	2012 – 2014
Federal Working Group on Violence against Women (Host: DOJ/OJP)	2012
Federal Consortium on Sex Offender Research (Host: AOUSC)	2011
American Society of Criminology:	2001 – present
- Chair, Outreach Committee: Division of Corrections & Sentencing	2005 – 2006
Journal Reviewer:	
<i>Criminology</i>	<i>Psych. Public Policy, & Law</i>
<i>Justice Quarterly</i>	<i>Journal of Crime and Behavior</i>
<i>IJOTCC</i>	<i>Journal of Interpersonal Violence</i>
<i>Criminology</i>	<i>Victims and Offenders</i>
<i>J. Experimental Criminology</i>	<i>Journal of Crime and Justice</i>

AWARDS

Outstanding Paper (1 st place) <i>Presented by the Division of Corrections and Sentencing, American Society of Criminology, for: Franke, D. and D. Bierie. (2007). "Legitimacy in Corrections: A randomized experiment comparing a prison and boot camp."</i>	2007
Performance/appreciation award <i>Presented by the Federal Bureau of Prisons, for: Analysis of retention and recruitment, projected to save \$100 million over ten years</i>	2009
Performance/appreciation award <i>Presented by the Federal Bureau of Prisons, for: Analysis of physical conditions of prisons, projected to save \$8million over ten years</i>	2010

Performance/appreciation award <i>Presented by the United States Marshals Service, for: Team's design/implementation of a research unit</i>	2011
Performance/appreciation award <i>Presented by the United States Marshals Service, for: Assistance to the Executive Office of the President "Bold Ideas" Initiative</i>	2012
Appreciation <i>Presented by the National Center for Missing and Exploited Children Assistance with cold case: "Haley Cummings"</i>	2012
Performance/appreciation award <i>Presented by the United States Marshals Service, for: Firearm Risk Mitigation (FARMAT) contributions</i>	2013
Performance/Appreciation award <i>Presented by the United States Marshals Service, for: Creation and deployment of WAR</i>	2015
Performance/Appreciation award <i>Presented by the United States Marshals Service, for: Operation VR12 planning and execution</i>	2016

David M. Bierie

Date