

RACHEL BOBA SANTOS, PHD

PROFESSOR, DEPARTMENT OF CRIMINAL JUSTICE
CO-DIRECTOR, CENTER FOR POLICE PRACTICE, POLICY AND RESEARCH
RADFORD UNIVERSITY, RADFORD, VA
RSANTOS5@RADFORD.EDU ~ WWW.RADFORD.EDU/CP3R

EDUCATION

- PhD** **Arizona State University, 1996**
Sociology, Dissertation: *Violence between Married and Unmarried Cohabiting Couples: An Analysis Using Couple-Level Data*
- MA** **Arizona State University, 1993**
Sociology, Thesis: *Differences in Perception of Relationship between Male and Female Cohabitors*
- BA** **California Lutheran University, 1991 (Magna Cum Laude)**
Sociology & English

PROFESSIONAL AND ACADEMIC EXPERIENCE

- 2016 – Present** **Professor, Crime Analysis Minor Coordinator, and Graduate Faculty**
Department of Criminal Justice, Radford University, Radford, VA
- 2018 – Present** **Co-Director, Center for Police Practice, Policy and Research**
Department of Criminal Justice, Radford University, Radford, VA
- 2009 – 2016** **Associate Professor and Graduate Faculty**
School of Criminology and Criminal Justice, Florida Atlantic University, Boca Raton, FL
- 2010 – 2016** **Graduate Coordinator (Master of Science Program)**
School of Criminology and Criminal Justice, Florida Atlantic University, Boca Raton, FL
- 2003 – 2009** **Assistant Professor and Graduate Faculty**
School of Criminology and Criminal Justice, Florida Atlantic University, Boca Raton, FL
- 2000 – 2003** **Senior Research Associate and Director of the Crime Mapping Laboratory**
Research Division, National Policing Institute (prev. Police Foundation) Washington DC
- 1994 – 1999** **Crime Analyst**
Tempe, AZ Police Department

AREAS OF SPECIALIZATION

Evidence-based and practice-based research; Stratified policing; Crime analysis and mapping; Translational criminology; Criminology of place; Police effectiveness in crime reduction and prevention; Evidence-based policing, Problem-oriented policing, Hot spots policing, Community policing; Police leadership, organizational change, and accountability; Regional data and crime analysis systems; Criminal justice technology; Experimental research methods; Program evaluation

INSTRUCTION

UNDERGRADUATE CLASSES

Introduction to Crime Analysis and the Profession; Tactical Crime Analysis; Crime Analysis Capstone; Criminal Justice Technology; Criminal Justice Systems; Criminology; Methods of Research; Victimology; Crime Prevention; Solving Crime and Disorder Problems; Introduction to Sociology; Sociology of Crime

GRADUATE CLASSES

Criminal Justice Research Methods; Applications in Crime Analysis; Criminal Justice Technology; Advanced Research Methods in Criminal Justice; Police Research, Policy, and Practice; Crime and Everyday Life; Crime Prevention; Victimology; Solving Crime and Disorder Problems; Applied Data Analysis in Criminal Justice; Special Criminological Problems: Applied Data Analysis II; Advanced Crime Analysis Seminar

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES

- Santos, R.B., & Santos, R.G. (2021). Proactive police response in property crime micro-time hot spots: Results from a partially-blocked blind random controlled trial. *Journal of Quantitative Criminology*, 37:247–265.
- Santos, R.G., & Santos, R.B. (2019). A four-phase process for translating research into police practice. *Police Practice and Research*, 20(6), 585-602.
- Santos, R.B., & Santos, R.G. (2018). Introduction to crime analysis practice, research partnerships, and role in evidence-based policing. *Policing: A Journal of Policy and Practice*, 12(3), 251–254.
- Smith, J., Santos, R.B., & Santos, R.G. (2018). Evidence-based policing and stratified integration of crime analysis in police agencies: National survey results. *Policing: A Journal of Policy and Practice*, 12(3), 303–315.
- Santos, R.B., & Santos, R.G. (2016). Offender-focused strategies in residential burglary and theft from vehicle hot spots: A partially blocked randomized controlled trial. *Journal of Experimental Criminology*, 12(3), 373–402.
- Santos, R.B., & Santos, R.G. (2015). Examination of police dosage in residential burglary and theft from vehicle micro-time hot spots. *Crime Science*, 4(27), 1-12.
- Santos, R.G., & Santos, R.B. (2015). Practice-based research: Ex post facto evaluation of evidence-based police practices implemented in residential burglary micro-time hot spots. *Evaluation Review*, 39(5), 451-479.
- Santos, R.G. & Santos, R.B. (2015). An ex post facto evaluation of tactical police response in residential theft from vehicle micro-time hot spots. *Journal of Quantitative Criminology*, 31(4), 679-698.
- Santos, R.B., & Taylor, B. (2014). The integration of crime analysis into police patrol work: Results from a national survey. *Policing: An International Journal of Police Strategies and Management*, 37(3), 501-520.
- Santos, R.B. (2014). The effectiveness of crime analysis for crime reduction: Cure or diagnosis? *Journal of Contemporary Criminal Justice*, 30(2), 147-168.
- Santos, R.B. (2013). Implementation of a police organizational model for crime reduction. *Policing: An International Journal of Police Strategies and Management*, 32(2) 295-311.

- Santos, R.B., & Santos, R. G. (2012). The role of leadership in implementing a police organizational model for crime reduction and accountability. *Policing: A Journal of Policy and Practice*, 6(4), 344-353.
- Boba, R., (2010). A practice-based evidence approach in Florida. *Police Practice and Research, Special Issue: The Evolving Relationship between Police Research and Police Practice*, 11(2), 122-128.
- Boba, R., & Lilley, D. (2009). Violence Against Women Grants: A nationwide assessment of effects on rape and assault. *Violence against Women*, 15(2), 168 – 185.
- Boba, R., Weisburd, D., & Meeker, J. (2009). The limits of regional data sharing and regional problem solving: Observations from the East Valley, CA COMPASS Initiative. *Police Quarterly*, 12(1), 22-41.
- Lilley, D., & Boba, R. (2009). The State Criminal Alien Assistance Program and crime reduction: Were SCAAP funds to local jurisdictions as effective as other major justice programs during the past decade? *Journal of Criminal Justice*, 37(3), 217-224.
- Boba, R., & Crank, J. (2008). Institutionalizing problem-oriented policing: Rethinking problem identification, analysis, and accountability. *Police Practice and Research*, 9(5), 379-393.
- Boba, R., & Santos, R.G. (2008). A review of the research, practice, and evaluation of construction site theft occurrence and prevention: Directions for future research. *Security Journal*, 21(4), 246-263.
- Lilley, D., & Boba, R. (2008). A comparison of outcomes associated with two key law enforcement grant programs. *Criminal Justice Policy Review*, 19(4) 438 - 465.
- Boba, R., & Santos, R.G. (2007). Single-family home construction site theft: A crime prevention case study. *International Journal of Construction Education and Research*, 3(3), 217-236.
- Bazemore, G., & Boba, R. (2007). Doing good to “make good”: Community theory for practice in a restorative justice civic engagement reentry model. *Journal of Offender Rehabilitation*, 46(1/2), 25-56.
- Taylor, B., Kowalyk, A., & Boba, R. (2007). The integration of crime analysis into law enforcement agencies: An exploratory study into the perceptions of crime analysts. *Police Quarterly*, 10(2), 154-169.

BOOKS

- Santos, R.B. (2022). *Crime Analysis with crime mapping* (5th Edition). Sage.
- Santos, R.G., & Santos, R.B. (2020). *Stratified Policing: An organizational model for proactive crime reduction and accountability*. Rowman & Littlefield.
- Felson, M., & Boba, R. (2010). *Crime and everyday life* (4th edition). Sage.

BOOK CHAPTERS

- Santos, R.G., & Santos, R.B. (2022). A four-phase process for translating research into police practice. In The George Mason Police Research Group with David Weisburd (Eds.), *Translational criminology in policing* (pp. 15-32). Routledge.
- Santos, R.B., & Santos, R.G. (2020). Construction site theft and burglary in Port St. Lucie, Florida. In M.S. Scott & R.V. Clarke (Eds.), *Problem-oriented policing: Successful case studies, Crime Science Series* (pp. 245-255). Routledge.

- Santos, R.B. (2019). Critic: Predictive policing: Where's the evidence? In D. Weisburd & A.A. Braga (Eds.), *Police innovation: Contrasting perspectives* (pp. 366-398). University of Cambridge Press.
- Santos, R.B., & Santos, R.G. (2019). The role of technology in hot spots policing. In C. Utecht (Ed.), *Current issues in policing* (pp. 195-208). Cognella.
- Santos, R.B., & Davis, C. (2017). Law enforcement data and crime analysis data sources. In K. Gallagher, J. Wartell, S. Gwinn, G. Jones, & G. Stewart (Eds.), *Exploring crime analysis: Reading on essential skills* (3rd edition) (pp. 75-85). International Association of Crime Analysts.
- Santos, R.B. (2015). Routine activity theory: A cornerstone of police crime analyst work. In M. Andresen & G. Farrell (Eds.), *The criminal act: The role and influence of routine activity theory* (pp 108-114). Palgrave Macmillan.
- Santos, R.B. (2013). Computer Aided Dispatch. *Encyclopedia of Community Policing and Problem Solving*. Sage.
- Santos, R.B., & Santos, R.G. (2013). Theft at construction sites, crime specialization and concentration section. In G.J.N. Bruinsma, D.L. Weisburd (Eds.), *Encyclopedia of criminology and criminal justice: Crime and Place Volume*. Springer Science and Business Media.
- Bazemore, G., & Boba, R. (2010). Problem solving restorative justice: From incidents and cases to community building and collective outcomes in a new response to youth crime. In S. Decker (Ed.), *Criminology and public policy: Putting theory to work* (pp. 254-276). Temple University Press.
- Boba, R. (2009). EVIL DONE. In J.D. Freilich & G. Newman (Eds.) *Reducing terrorism through situational crime prevention, Crime prevention studies series, Volume 25* (pp. 71-91). Criminal Justice Press.
- Bazemore, G. & Boba, R. (2008). Doing good to make good: Evaluating a civic-engagement model of reentry. In E. Rhine & D. Evans (Eds.) *What works: Research into practice: Bridging the gap in community corrections*. American Correctional Association and International Community Corrections Association.
- Boba, R. (2008). Interpreting crime data and statistics. In S. Gwinn, C. Bruce, J. Cooper, & S. Hick (Eds.), *Exploring crime analysis: Reading on essential skills* (pp. 158-178). BookSurge, LLC.
- Boba, R. (2007). Crime mapping technique for assessing vulnerable targets for terrorism in local communities. In S. Chainey & L. Tompson (Eds). *Crime mapping case studies: From practice and research, Volume 1* (pp. 143 – 153). John Wiley & Sons, Ltd.

GUIDEBOOKS, RESEARCH REPORTS, AND TECHNICAL ARTICLES

- Santos, R.G., & Santos, R.B. (2022). *Proactive police response to domestic-related repeat calls for service*. U.S. Department of Justice, Office of Community-Oriented Policing Services.
- Santos, R.B., & Santos, R.G. (2018). *Proactive policing and SmartForce™*. Greenwood Village, CO: Adventos.
- Santos, R.B., & Santos, R.G. (2017). *Crime pattern bulletin study: Results*. SmartForce.
- Santos, R.G., Santos, R.B., Gregory, R., Cordero, L., Skinner, J., & Wiley, F. (2017). *Collaborative Reform Initiative: Technical Assistance Work Plan for Chester, PA Police Department*. COPS Office, USDOJ.
- Santos, R.G., Santos, R.B., Gregory, R., Cordero, L., Skinner, J., & Wiley, F. (2017). *Collaborative Reform Initiative: An assessment of the Chester, PA Police Department*. COPS Office, USDOJ.
- Santos, R.B., & Santos, R.G. (2016). *5 Reasons to use an agency management system for disseminating crime analysis information*. SmartForce.
- Santos R.G., & Santos, R.B. (2015). Evidence-based policing, “What works” and Stratified policing, “How to make it work.” *Translational Criminology*, 8, 20-22.

- Santos, R.B., & Santos, R.G. (2014). *An experimental test of offender-based strategies in residential burglary and theft from vehicle hot spots*. Final Report for Grant No. 2012-DB-BX-0002. BJA, USDOJ.
- Bruce, C., Santos, R.B., & LeBlanc, J. (2014). *Definition and types of crime analysis* (White Paper 2014-02). International Association of Crime Analysts.
- Morgan, K., Morgan, S. & Santos, R.B. (2008-2014). *City crime rankings 2014-2015*. CQ Press.
- Santos, R.B., Smith, A.W., Bruce, C., & Delaney, C. (2012). *Crime analysis education recommendations for colleges and universities* (White Paper 2012-02). International Association of Crime Analysts.
- Boba, R. (2011). *Institutionalization of problem solving, analysis, and accountability in the Port St. Lucie, FL Police Department*. COPS Office, USDOJ.
- Boba, R., & Santos, R.G. (2011). *A police organizational model for crime reduction: Institutionalizing problem solving, analysis, and accountability*. COPS Office, USDOJ.
- Delaney, C., Bruce, C., Santos, R.B., & Rodriguez, E. (2011). *Crime pattern definitions for tactical analysis* (White Paper 2011-01). International Association of Crime Analysts.
- Taylor, B. & Boba, R. (2011). *Guidebook for integrating crime analysis into patrol within a community policing context*. COPS Office, USDOJ.
- Morgan, K., Morgan, S. & Boba, R. (2009-2011). *State crime rankings 2010-2011*. CQ Press.
- Boba, R. (2009). Port St. Lucie (Florida) Police Department: Problem analysis of single-family construction-site burglary and theft. In North Carolina State, *Institutionalizing problem analysis: Case studies of five police agencies* (pp. 6-38). COPS Office, USDOJ.
- Boba, R., & Santos, R. G. (2006). *Burglary at single family house construction sites. Problem-Oriented Policing Guide Series*. COPS Office, USDOJ.
- Boba, R. (2003). *Problem analysis in policing*. Police Foundation.
- Bair, S., Boba, R., Fritz, N., Helms, D., & Hick, S. (Eds.). (2002). *Advanced crime mapping topics: Results of the first invitational Advanced Crime Mapping Topics Symposium*. National LE Corrections Technology Center.
- Boba, R. & Price, J. (2002). Integrating systematic research and analysis into police practice. In Bair, S., Boba, R., Fritz, N., Helms, D., & Hick, S. (Eds.). *Advanced Crime Mapping Topics: Results of the First Invitational Advanced Crime Mapping Topics Symposium* (pp. 79-82). National LE Corrections Technology Center.
- Boba, R., Velasco, M., & Weisburd, D. (2002). *Winston-Salem/Police Foundation safe school partnership: Development of the Mapping and Analysis Program for School Safety (MAPSS) System*. NIJ, USDOJ.
- Chapman, R., Baker, S., Bezdikian, V., Cammarata, P., Cohen, D., Leach, N., Schapiro, A., Scheider, M., Varano, R., & Boba, R. (2002). Local law enforcement responds to terrorism: lessons in prevention and preparedness. In the Series, *COPS Innovations: A Closer Look*. COPS Office, USDOJ.
- Lane, E., Lucera, J., & Boba, R. (2002). *Office of Community Oriented Policing Services domestic violence test site project: Inter-agency response to domestic violence in a medium sized city*. COPS Office, USDOJ.
- Boba, R. (2001). *Introductory guide to crime analysis and mapping*. COPS Office, USDOJ.
- Velasco, M., Griffin, J., & Boba, R. (2001). *Crime analysis and mapping product templates*. COPS Office, USDOJ.
- Boba, R. (2000). *Guidelines to implement and evaluate crime analysis and mapping in law enforcement*. COPS Office, USDOJ.
- Velasco, M., & Boba, R. (2000). *Manual of map production*. COPS Office, USDOJ.

- Velasco, M. & Boba, R. (2000). Tactical crime analysis and geographic information systems: Concepts and examples. *Crime Mapping News*, 2(2) 1-4.
- Weisburd, D., Boba, R., Hamilton, E., Farrell, G., & Greenspan, R. (2000). *Differential seat belt enforcement: A review and empirical study*. NHTSA, USDOT.

GRANTS

- 2020-2023 Implementation of Advanced Intelligence and Analytical Technology to Enhance Communication and Proactive Evidence-Based Response to Shooting Incidents in Kent County, Delaware. \$868,000. USDOJ, Bureau of Justice Assistance, Strategies for Police Innovation. (Delaware State Police; Dr. Rachel Boba Santos and Dr. Roberto Santos, Research Partners). October 2020 through September 2023.
- 2019-2023 Regional Multi-Agency Collaboration: Implementation of Information Sharing Technology for Offender-Focused Strategies in the Roanoke Valley, VA. \$500,000. USDOJ, Bureau of Justice Assistance, Strategies for Police Innovation. (Roanoke, VA Police Department; Dr. Rachel Boba Santos and Dr. Roberto Santos, Research Partners). October 2019 through September 2023.
- 2019-2022 Translating Best Practices: Developing a Framework for Institutionalizing Community Policing by Rank. \$135,000 USDOJ, COPS Office. (Dr. Rachel Boba Santos and Dr. Roberto Santos, Co-Principal Investigators). October 2019 through November 2022.
- 2020-2022 Proactive Police Response to Prevent Domestic Violence and Increase Victim Safety. \$100,000. USDOJ, COPS Office. (Danville, VA Police Department; Dr. Rachel Boba Santos and Dr. Roberto Santos, Research Partners). October 2020 through May 2022.
- 2018-2019 Stratified Policing: Agency Assessment and Training. State of Delaware, Criminal Justice Council, (Byrne/Justice Assistance Grant). \$74,000. (Delaware State Police, Dr. Rachel Boba Santos and Dr. Roberto Santos, Subject Matter Experts).
- 2017-2018 Implementation of Evidence-Based Policing Strategies and Crime Analysis in Rural Police Departments in Southwest Virginia. \$125,000. Virginia Department of Criminal Justice (Byrne/Justice Assistance Grant). (Galax, VA Police Department/Radford University, Dr. Rachel Boba Santos and Dr. Roberto Santos, Co-Principal Investigators).
- 2015-2017 Development of Stratified Policing and Crime Reduction Education for Agency Management Systems. \$110,000. Adventos. (Dr. Rachel Boba Santos and Dr. Roberto Santos, Co-Principal Investigators).
- 2015-2016 Development of Stratified Policing, Crime Analysis, and Crime Reduction Education for Agency Management Systems. Adventos. \$55,000 (Dr. Rachel Boba Santos and Dr. Roberto Santos, Co-Principal Investigators).
- 2012-2016 Law Enforcement Micro Grants for Community Policing Incubation. \$50,000. USDOJ, COPS Office. (Greensboro, NC Police Department, Dr. Rachel Boba Santos, Research Partner).

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- 2013-2015 Increasing Analytical Capacity: Training for the Law Enforcement Executive. \$300,000. USDOJ, Bureau of Justice Assistance. (Police Foundation; Dr. Rachel Boba Santos, Co-Principal Investigator with Dr. Laura Wyckoff, Jim Bueermann, International Association of Crime Analysts).
- 2012-2014 Experimental Test of Offender-Based Police Response in Long-Term Property Crime Hot Spots in Port St. Lucie, FL. \$273,000. USDOJ, Bureau of Justice Assistance. (Port St. Lucie, FL Police Department; Dr. Rachel Boba Santos, Research Partner).
- 2008 to 2013 Implementing CompStat and Crime Analysis in Maryland Police Agencies. \$1,100,000. State of Maryland Governor's Office of Crime Control and Prevention. (University of Maryland, Institute for Governmental Service and Research; Dr. Rachel Boba Santos, Co-Principal Investigator with Dr. Laura Wyckoff and Dr. Jeanne Bilanin).
- 2007-2011 Institutionalizing Problem Solving, Analysis, and Accountability: Evaluation, Guidebook, and Training Module. \$88,000. USDOJ, COPS Office. (Dr. Rachel Boba, Principal Investigator).
- 2008 COPS Applied Research Focus Group. \$10,000. USDOJ, COPS Office (Dr. Rachel Boba, Principal Investigator).
- 2007-2011 Integrating Crime Analysis into Patrol Work within a Community Policing Context. \$370,000. USDOJ, COPS Office. (Police Executive Research Forum; Dr. Rachel Boba, Co-Principal Investigator with Dr. Bruce Taylor).
- 2003-2005 The Enhancement of Community Policing: Institutionalizing Problem Analysis. \$490,000. USDOJ, COPS Office. (North Carolina State University; Dr. Rachel Boba, Co-Principal Investigator with Dr. Deborah Weisel, Rana Sampson, Michael Scott).
- 2002-2004 Research Partner: East Valley COMPASS Initiative. \$275,000. USDOJ, NIJ, (Police Foundation; Dr. Rachel Boba, Principal Investigator, with Dr. David Weisburd and Dr. James Meeker).
- 2000-2003 The Police Foundation Crime Mapping Laboratory: Enhancing Community Policing and Problem Solving Through Problem Analysis, Crime Analysis, and Crime Mapping. \$840,000. USDOJ, COPS Office. (Police Foundation; Dr. Rachel Boba, Principal Investigator).
- 2000-2002 The Winston-Salem/Police Foundation Safe Schools Partnership. USDOJ, NIJ. \$260,000. (Police Foundation; Dr. Rachel Boba, Principal Investigator).

INVITED PRESENTATIONS (2012 TO PRESENT)¹

- 2021 Stratified Policing and Proactive Crime Reduction: "How to Make It Work." Keynote speakers and two-day seminar. SmartForce™ Command Academy Training Conference. Colorado Springs, CO.
- 2021 Police Practices, Policy and Research: A Discussion with Dr. Rachel Santos. Florida International University, Department of Criminology and Criminal Justice. Virtual.

¹ These presentations were competitive and/or were invite only. Some or all expenses for travel and conference fees were paid by the conference/organization.

- 2020 Stratified Policing: An Organizational Model for Proactive Crime Reduction. President's Commission on Law Enforcement and the Administration of Justice: Social Problems Working Group. Department of Justice, Office of Community Policing Services. Virtual.
- 2019 Stratified Policing: An Organizational Model for Proactive Crime Reduction. Florida Sheriff's Association Summer Conference. Tampa, FL.
- 2019 The Promising Future of Crime Analysis in Effective Policing. International Association of Crime Analysts (IACA): International Symposium. Calgary, AL.
- 2018 Measuring Organizational Systems for Problem Solving. Problem-Oriented Policing (POP) Conference. Providence, RI.
- 2018 Evidence-Based Crime Reduction and Stratified Policing. 2018 Virginia Chief of Police Annual Training Conference. Roanoke, VA.
- 2018 Introduction to Stratified Policing. Operationalizing Stratified Policing. SmartForce™ Command Academy Conference. Breckenridge, CO.
- 2018 Results from a Blind Random Controlled Trial Testing Police Response in Micro-Time Hot Spots; and Predictive Policing: Where's the Evidence? Environmental Criminology and Crime Analysis (ECCA) Conference. Elche, Spain.
- 2017 Crime Analysis and Crime Reduction. Presentation hosted by the Roanoke County, VA Police Department through BJA Smart Policing Initiative.
- 2017 The Role of Crime Analysis in Effective Policing Approaches to Crime Reduction. Crime Analysis for Managers. Massachusetts Association of Crime Analysts (MACA) Conference. Hyannis, MA.
- 2017 Stratified Policing. Presentation to the Roanoke, VA Police Department.
- 2016 Measuring Organizational Systems for Problem Solving. POP Conference. Tempe, AZ.
- 2016 Stratified Policing: Institutionalizing Crime Analysis. How to Identify Meaningful Patterns. Constructing Action-Oriented Pattern Bulletins. Tennessee Association of Law Enforcement Analyst. Conference. Oak Ridge, TN.
- 2016 Introduction to Stratified Policing. Elements of Stratified Policing. Panel discussion: Leading Stratified Policing. Southern Police Institute Alumni Association Conference. Miramar Beach, FL.
- 2015 Stratified Policing: Implementing and Sustaining Problem Solving in a Police Organization. POP Conference. Portland, OR.
- 2015 Impact of Offender-Based Police Response in Property Crime Hot Spots on Crime and Offenders: Results from an RCT. IACA/National Institute of Justice (NIJ) Conference. Denver, CO
- 2014 Increasing Crime Analysis Capacity in Your Agency: Discussing the Importance, Feasibility, Challenges, Tools and Processes. International Association of Chiefs of Police (IACP) Conference. Orlando, FL.
- 2014 Increasing Crime Analysis Capacity in Police Agencies Nationally: A Police Foundation and IACA Partnership. WORKSHOP: Hot Spots Experiments, General Recommendations and Case Study Results. IACA/NIJ Conference. Bellevue, WA.
- 2014 An Organizational Model for Implementing Evidence-Based Crime Reduction Developed Through Police/Researcher Partnerships, Florida Police Chiefs Association Training Conference & Exposition. Boca Raton, FL.
- 2014 The Effectiveness of Crime Analysis for Crime Reduction: Cure or Diagnosis? 2014 Center for Evidence-Based Crime Policy (CEBCP) Annual Symposium, George Mason University. Arlington, VA.

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- 2013 An Organizational Model for Problem Solving: Greensboro, NC. POP Conference. Dayton, OH.
- 2013 Spatial Analysis for an Experiment Testing Offender-Based Strategies in Property Crime Hot Spots. IACA/NIJ Conference. Ft. Lauderdale, FL.
- 2013 Ideas in American Policing Series: Translating Research into Practice: Stratified Policing. Police Foundation. Washington DC.
- 2012 Integration of Crime Analysis into Patrol Work. POP Conference. Providence, RI.
- 2012 Crime analysis typology; Fusion Centers. IACA Conference. Henderson, NV.
- 2012 Executive Session: Crime Reduction Best Practices. Palm Beach County Sherriff's Office. West Palm Beach, FL.
- 2012 Police Executive Seminar: Advanced CompStat Practices. Maryland State Police, Hanover, MD.

ACADEMIC, GRANT RELATED, AND COMMUNITY PRESENTATIONS (2012 TO PRESENT)²

- 2022 Proactive Police Response to Domestic-Related Repeat Calls for Service. American Society of Evidence-Based Policing, Washington D.C.
- 2020 Regional Multi-Agency Collaboration for the Implementation of Offender-Based Strategies and Technology in the Roanoke Valley, VA. Southwest Virginia Reginal Chiefs Meeting, Roanoke County, VA.
- 2017 Evidence-Based Policing and Organizational Change: Findings from Three Police Departments. Use of Force, Crime Reduction, and Community Engagement: Methods and Results of Assessment and Evaluation in Police Departments. American Society of Criminology (ASC) Conference. Philadelphia, PA.
- 2017 Measuring Organizational Change for the Implementation of Evidence-Based Policing Practices. Academy of Criminal Justice Sciences (ACJS) Conference. Kansas City, MO.
- 2016 Comparing Directed Patrol and Offender and Citizen Contacts in Micro-Time Hot Spots: Blind RCT Results. Offender Perceptions of a Police Response in Long-Term Property Crime Hot Spots. Examining Relationships Among Crime Analysis Integration, Evidence-based Practice and Accountability in Police Agencies. ASC Conference. New Orleans, LA.
- 2016 Deconstructing the "Ferguson Effect." FAU Jupiter LifeLong Learning Society. Jupiter, FL.
- 2015 A Blind Randomized Controlled Trial: Testing Police Response in Property Micro-Time Hot Spots; Testing the Suitability and Accuracy of Predictive Policing in Latin America; Offender-Based Police Response in Long-Term Property Crime Hot Spots: Results from Offenders. ASC Conference. Orlando, FL.
- 2015 Making Smart Policing Happen: Facing Challenges in Police Agency Organizational Change. ACJS Conference. Orlando, FL.
- 2014 Experimental Test of Offender - Based Police Response in Long-Term Property Crime Hot Spots. Florida Atlantic University (FAU). Boca Raton, FL
- 2014 Crime in Everyday Life: Myths and Facts. Palm Beach County Library Book Life Event. Boca Raton, FL
- 2014 Understanding Crime in Everyday Life. FAU, "Coffee with a Professor." Jupiter, FL.

² These presentations were either done as part of the requirements of a grant project, in front of a large community audience, or were at an academic conference that required a submission of an abstract, but were not competitive. Expenses were paid by the grant or presenter.

- 2013 Offender-Focused Hot Spots Policing. Bureau of Justice Assistance (BJA) SPI Peer-to-Peer Assistance Meeting. West Palm Beach, FL.
- 2013 The Integration of Crime Analysis into Police Patrol Work: Results from a National Survey of Law Enforcement Agencies. ECCA Conference. Philadelphia, PA.
- 2013 Offender-Focused Hot Spots Policing. Sustainability: Crime Reduction Best Practices. BJA SPI Annual Conference. Alexandria, VA.

PRACTICE-BASED RESEARCH ACTIVITIES (2012 TO PRESENT)

- 2022 to present Crime Analysis and Stratified Policing Subject Matter Expert, Parker, CO Police Department
Provide training and assistance to the Crime Analysis unit to support Stratified Policing implementation and crime reduction activities.
- 2022 to present Stratified Policing Subject Matter Expert, Madison, WI Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2022 to present Stratified Policing Subject Matter Expert, Salt Lake City, UT Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2022 to present Stratified Policing Subject Matter Expert, Lynchburg, VA Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2022 to present Stratified Policing Subject Matter Expert, Boulder, CO Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2022 to present Stratified Policing Subject Matter Expert, Adams County, CO Sheriff's Office
With Dr. Rachel Santos, conduct a two-day seminar for command and executive staff on Stratified Policing, advanced problem solving, crime analysis, and crime reduction training. Partner with the agency to implement Stratified Policing.
- 2021 to present Crime Analysis and Stratified Policing Subject Matter Expert, Atlanta, GA Police Department
Provide ongoing to assistance to the Tactical Crime Analysis unit to support the agency's weekly crime reduction meetings (COBRA) to support Stratified Policing and crime reduction activities.

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- 2021 to 2022 Stratified Policing Subject Matter Expert, Gastonia, NC Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2021 Stratified Policing Subject Matter Expert, Pineville, NC Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2021 Stratified Policing Subject Matter Expert, West Palm Beach, FL Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and advanced problem solving, crime analysis, and crime reduction training.
- 2021 Stratified Policing Subject Matter Expert, Savannah, GA Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide comprehensive recommendations and a plan to implement Stratified Policing.
- 2019 to 2021 Subject Matter Expert for Police Executive Research Forum, Topeka, KS Police Department
Assist PERF with Bureau of Justice Assistance project to reduce non-fatal shootings.
- 2019 to 2021 Subject Matter Expert, Fort Myers, FL Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide comprehensive recommendations, organizational plan, and training to implement Stratified Policing; 18 month follow up evaluation and training with recommendations for Stratified Policing adjustments.
- 2019 to 2021 Stratified Policing Subject Matter Expert, Washoe County, NV Sheriff's Office
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct technical assistance and development of train-the-trainer program for Stratified Policing and advanced problem solving, crime analysis, and crime reduction training.
- 2019 to 2021 Subject Matter Expert, Putnam County, FL Sheriff's Office
With Dr. Roberto Santos, conduct a needs assessment and provide comprehensive recommendations, organizational plan, and training to implement Stratified Policing; 18 month follow up evaluation and training with recommendations for Stratified Policing adjustments.
- 2014 to 2021 Stratified Policing Subject Matter Expert, Walton County, FL Sheriff's Office
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendation and organizational plan to implement Stratified Policing. Follow up evaluation and training 2017 and 2021.
- 2020 Stratified Policing Subject Matter Expert, Portsmouth, VA Police Department
With Dr. Roberto Santos, conducted an assessment and recommendations for implementation of Stratified Policing. Conduct technical assistance and problem solving, crime analysis, and proactive crime reduction training.

- 2019 to 2020 Stratified Policing Subject Matter Expert, Matthews, NC Police Department
With Dr. Roberto Santos, conducted an assessment and recommendations for implementation of Stratified Policing. Conduct technical assistance and problem solving, crime analysis, and proactive crime reduction training.
- 2018 to 2020 Stratified Policing Subject Matter Expert, Danville, VA Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, training and in depth assistance.
- 2009 to 2020 Stratified Policing/POP Subject Matter Expert; Dayton, OH Police Department
With Dr. Roberto Santos, conduct evaluation and recommendations for improving Stratified Policing and proactive problem-solving activities as well as conduct in-depth problem-solving training for command staff and sergeants. Follow up evaluation and in-service training.
- 2019 Stratified Policing Subject Matter Expert, Richmond County, GA School System Police Department
With Dr. Roberto Santos, provide recommendations, organizational plan, and training to implement Stratified Policing.
- 2017 to 2019 Advisory Board Member, SAGE Publications
Provide insights into the needs of researchers and students to assist SAGE in four statistical collections on U.S. Political Stats and SAGE Stats platforms.
- 2015 to 2019 Stratified Policing Subject Matter Expert, Delaware State Police
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendations, organizational plan, and training to implement Stratified Policing. Conduct ongoing technical assistance and development of train-the-trainer program for Stratified Policing and advanced problem solving, crime analysis, and crime reduction training. Follow up evaluation and training.
- 2018 Stratified Policing Subject Matter Expert, Harrisonburg, VA Police Department
With Dr. Roberto Santos, provide recommendations to implement Stratified and conduct 1-day training and technical assistance.
- 2016 to 2018 Police Subject Matter Expert, Institute for Intergovernmental Research, COPS Office, Collaborative Reform Initiative: Chester, PA Police Department
Serve as a subject matter expert with a team of law enforcement researchers and practitioners to assess the police department's use of force practices, crime reduction strategies, training and relationships with the community. On behalf of the COPS Office, the team issues a series of findings and recommendations that is consistent with best practices in policing. The team then monitors the agency's progress toward addressing the recommendations over a period of 18 months to ensure the changes are sustained.
- 2015 to 2018 Crime Analysis Subject Matter Expert, Institute for Intergovernmental Research, Bureau of Justice Assistance
Serve as subject matter expert for "Crime Analysis Capability Project" funded by Bureau of Justice Assistance. Oversee project design and implementation of three separate grants awarded to one

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medium sized-agency, one real time crime center, and on regional initiative as well as monitoring their progress and developing a "Crime Analysis Toolkit."

- 2017 Stratified Policing Subject Matter Expert, Salisbury, NC Police Department
With Dr. Roberto Santos, conduct an organizational survey, provide recommendations to implement Stratified Policing, conduct agency wide Stratified Policing training.
- 2017 Stratified Policing Subject Matter Expert, San Mateo CA, County Sheriff's Office
With Dr. R Roberto Santos, conduct a needs assessment and provide a comprehensive recommendation, organizational plan, and training to implement Stratified Policing.
- 2017 Crime Analysis Subject Matter Expert, CNA, Bureau of Justice Assistance, Smart Policing Initiative, Roanoke County Police Department and George Mason University.
Serve as subject matter expert for the SPI project funded by Bureau of Justice Assistance. Work with police department to define and download calls for service and crime data for evaluation. Assist with crime analysis capabilities.
- 2014-2015 Policing Subject Matter Expert, Montevideo, Uruguay Police Department
With Dr. Roberto Santos, design treatment for experimental test of PredPol software with funding from the Inter-American Development Bank (Washington, DC). Design protocol for response to various subtypes of crime and make recommendations for overall improvement for crime reduction strategies and accountability practices.
- 2014 Stratified Policing Subject Matter Expert, Smyrna, GA Police Department
With Dr. Roberto Santos, conduct a needs assessment and provide a comprehensive recommendation and organizational plan to implement Stratified Policing.
- 2014 Crime Analysis Subject Matter Expert, Seattle, WA Police Department
Provide technical assistance for data-driven strategies and crime analysis.
- 2014 Stratified Policing and Crime Analysis Subject Matter Expert, Greensboro, NC Police Department
Produce, with Peter Belmio, a Neighborhood Policing and Stratified Policing Strategic Plan.
- 2012-2013 Crime Analysis Subject Matter Expert, Palm Beach Sheriff's Office, West Palm Beach, FL
Develop Fusion Center model of organization and products; assist with developing plan for ILP and Stratified Policing implementation.

HONORS AND AWARDS

- 2020 Partnership Award, Presented by the Danville, VA Police Department
- 2016 Award of Appreciation: Research Partnership 2004 to 2016 from Port St. Lucie, FL Police Department
- 2015 President's Award for Meritorious Contribution to the Mission of the IACA
- 2014 Finalist, Outstanding Graduate Program Advisor. Graduate Professional and Student Organization, Florida Atlantic University.
- 2014 Outstanding Reviewer for *Policing: An International Journal of Police Strategies & Management* in the Emerald Literati Network 2014 Awards for Excellence

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- 2013 Finalist, Exceptional Faculty Award 2013 Jupiter Campus, Florida Atlantic University
- 2008 The International Association of Chiefs of Police (IACP) and Sprint-Nextel Excellence in Law Enforcement Research Award (with Port St. Lucie, FL Police Department)
- 2006 Herman Goldstein Award for Excellence in Problem-Oriented Policing: Finalist (with Port St. Lucie, FL Police Department)
- 2005 Award of Appreciation from the Port St. Lucie, FL Police Department
- 2005 Membership Award, Meritorious Contribution. IACA
- 2001 President's Award, Meritorious Contribution. IACA

MEMBERSHIPS

American Society of Criminology: Division of Policing, Division of Experimental Criminology
Academy of Criminal Justice Sciences: Police Section
International Association of Crime Analysts (IACA)
George Mason Crime and Place Working Group

UNIVERSITY AND PROFESSIONAL SERVICE

RADFORD UNIVERSITY, DEPARTMENT OF CRIMINAL JUSTICE

Member, Awards Committee (2021 to present)
Member, Recruitment and Retention Committee (2021 to present)
Coordinator, Crime Analysis Minor (2018 to present)
Member, Personnel Committee (2016 to present)
Member, Graduate Committee (2016 to present)
Adjunct Mentor (2016 to present)
Member, Search Committee, Crime Analysis Visiting Professor; Law Position; CJ Chair (2020)
Chair, Personnel Committee (2018-2019)
Member, Student Grade Appeals Committee (2018-2019)
Chair, Law Enforcement Leadership Summer Program Committee (2016-2017)
Graduate Teaching Fellow Mentor, Trey Bussey (2020-2022)
Mentor, Research Rookie, Dana Ours (2021-2022)
Thesis Committee Chair, John Burk (2020), Tyler Blalock (2022 to present)
Member, Masters Portfolio Committee, Sophia Gonzales and Ryan Zerkel (2021); Trey Bussey, Tayler Hover, Valente Perez, Megan Graybill, Kylie Duncan, Kathleen Stiltner (2022)
Member, Thesis Committee: Lauren Kingsbury, Phillip Berry (2019); Andrew Friedman, Adam Sinnott (2020)

RADFORD UNIVERSITY, COLLEGE OF HUMANITIES AND BEHAVIORAL SCIENCES

Presenter, "CHBS Grant Writing Panel Discussion" for CHBS Faculty Mentoring Committee (Spring 2021)
Member, Associate Dean Search Committee (Spring 2017)

RADFORD UNIVERSITY

Senator (Criminal Justice), Faculty Senate (Fall 2022 to present)
Interim Senator (Criminal Justice), Faculty Senate (Fall 2020, Spring 2021, Spring 2022)

Member, Graduate and Research Dean Search Committee (Spring and Fall 2018)

PROFESSIONAL SERVICE

Member of the Editorial Board, *Journal of Intelligence & Analysis* (2016 – Present)

International Association of Crime Analysts, Member of the Subcommittee on Standards (2011– 2015)

Grant Proposal Reviews: Bureau of Justice Assistance, Department of Homeland Security, National Institute of Justice, Netherlands Organisation for Scientific Research Social Sciences, Office of Community Oriented Policing Services, Washington DC Government, Law Enforcement Block Grants and Byrne Grants

Technical Report Reviews: George Mason University Center of Evidence-Based Crime Policy, Home Office, London, Institute of Governmental Research, International Association of Crime Analysts, Jill Dando Institute, London, National Institute of Justice, Office of Community Oriented Policing Services, Police Executive Research Forum, Police Foundation

Journal Peer Reviews: *Crime and Delinquency*, *Crime Mapping: A Journal of Research and Practice*, *Crime Science*, *Criminology*, *Evaluation Review*, *International Journal of Comparative and Applied Criminal Justice*, *Journal of Experimental Criminology*, *Journal of Intelligence and Analysis*, *Journal of Quantitative Criminology*, *Journal of Research in Crime and Delinquency*, *Justice Research and Policy*, *Police Practice and Research: An International Journal*, *Policing: An International Journal of Police Strategies and Management*, *Policing: A Journal of Policy and Practice*

Book Proposals and Material Reviews: Cognella, Jones and Bartlett Publishers, Prentice Hall, Routledge, Sage Publications, Springer, Wadsworth Publishing, Wilan Publishing,