ERIC L. PIZA, PH.D.

School of Criminology and Criminal Justice
College of Social Sciences and Humanities
Northeastern University

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Education

2012 ***Rutgers University School of Criminal Justice: Newark, NJ***
- PhD in Criminal Justice
- Dissertation Title: *Identifying the Best Context for CCTV Camera Deployment: An Analysis of Micro-Level Features*

2004 ***Rutgers University College of Arts & Sciences: Newark, NJ***
- MA in Criminal Justice
- BS in Criminal Justice

Employment

2022 - Present ***Northeastern University***
School of Criminology and Criminal Justice
- Lipman Family Chair (2025-Present)
- Professor
- Director of Crime Analysis Initiatives
- Co-Director, Crime Prevention Lab, Center for Crime, Race, and Justice (2023-2025)
- Chair, Police Department Advisory Board (2024-Present)

2013 - 2022 ***John Jay College of Criminal Justice***
Department of Criminal Justice
- Associate Professor (2018-2022)

CUNY Graduate Center, Program in Criminal Justice
- Doctoral Faculty (2015-2022)

Department of Law and Police Science
- Assistant Professor (2013-2016)
- Associate Professor (2017)

2012 - 2013 ***Rutgers School of Criminal Justice/Center on Public Security***
- Research Faculty/Research Director for Crime Analytics

2007 - 2012 ***Newark, NJ Police Department***
- Geographic Information Systems Specialist

Publications*

- ***Refereed Journal Articles***

Piza, E., Harkins, C.*, and Hazen, K. (2026). Do Targeted, Placed-Based Educational Campaigns Influence Citizen engagement and Violent Crime? A Quasi-Experiment of the Alert Conscience Technique of Situational Crime Prevention. *Criminology & Public Policy*. DOI: 10.1111/1745-9133.70045. (version of record: open access) | (research brief)

*Indicates student co-author at the time of manuscript submission.

Reid, S.,* Abeyta, S., **Piza, E.**, Connealy, N., and Sytsma, V. (2026). AI vs. Human Transcription: Evaluating Accuracy and Meaning in Police Body-Worn Camera Footage. *Journal of Experimental Criminology*. DOI: 10.1007/s11292-026-09774-0. (version of record: open access) | (research brief)

Piza, E., McMillan, C., and Trovato, D.* (2026). Geographic Networks of Gun Violence: Exploring Hot Spot Connectivity Through Ballistic Evidence and Social Network Analysis. *Journal of Research in Crime and Delinquency, 63*(4-5): 419-459. (version of record: open access) | (research brief)

Campedelli, G., Jelveh, Z., Chalfin, A., Semenza, D., **Piza, E.**, Zumel, A., Lepri, B., and Sharkey, P. (2026). Computational Approaches and the Future of Urban Crime Research. *Nature*. DOI:10.1038/s41586-026-10622-4. (version of record) | (open access post print)

Piza, E., Connealy, N., Reid, S.*, and Palermo, C.* (2025). Using Automated Vehicle Locator Data to Classify Discretionary Police Patrol Across Space. *Journal of Criminal Justice, 101*: 102543. (version of record: open access) | (research brief)

Piza, E., Connealy, N., Arietti, R.*, Mohler, G., and Carter, J. (2025). The Relative and Joint Effects of Gunshot Detection Technology and Video Surveillance Cameras on Case Clearance in Chicago. *Criminology & Public Policy, 24(4):* 623-654. (version of record: open access) | (research brief)

Connealy, N., **Piza, E.,** Arietti, R.*, Mohler, G., and Carter, J. (2025). Staggered Deployment of Gunshot Detection Technology in Chicago, IL: A Matched Quasi-Experiment of Gun Violence Outcomes. *Journal of Experimental Criminology, 21(3):* 1027-1053. (version of record: open access) | (research brief)

Piza, E., Welsh, B., Reid, S.*, and Hatten, D. (2025). Can Place-Based Crime Prevention Impacts be Sustained Over Long Durations? 11-Year Follow-Up of a Quasi-Experimental Evaluation of a CCTV Project. *Criminology & Public Policy 24*(3): 429-452. (version of record: open access) | (research brief)

Piza, E., Arietti, R.*, Carter, J. and Mohler, G. (2025). The Effect of Gunshot Detection Technology on Evidence Collection and Case Clearance in Kansas City, Missouri. *Journal of Experimental Criminology, 21*(1): 127-152. (version of record: open access) | (research brief)

Piza, E., Mohler, G., Connealy, N., Arietti, R.,* and Carter, J. (2025). Space-Time Association between Gunshot Detection Alerts, Calls for Service, and Police Enforcement in Chicago: Differences Across Citizen Race and Incident Type. *Journal of Quantitative Criminology, 41*(1): 53-74. (version of record: open access) | (research brief)

Miller, J., Guthrie, S.,* and **Piza, E.** (2025). Examining Use of Force Outcomes in Police Calls for Service: Evidence From Cincinnati. *Crime & Delinquency, 71*(12): 3707-3729. (version of record) | (open access post print)

Reid, S.,* **Piza, E.,** Welsh, B., and Moylan, J.* (2024). Can Nonexperimental Studies Improve the Policy Relevance of Crime Prevention Research? Insights from Public Area Video Surveillance Interventions. *The ANNALS of the American Academy of Political and Social Science, 714*(1): 190-207. (version of record: open access) | (research brief)

Piza, E., Hatten, D., Mohler, G., Carter, J., and Cho, J.* (2024). Gunshot Detection Technology Effect on Gun Violence in Kansas City, Missouri: A Microsynthetic Control Evaluation. *Criminology & Public Policy, 23*(4): 863-892. (version of record: open access) | (research brief)

Campedelli, G., **Piza. E.**, Piquero, A., and Kurland, J. (2024). Evidence on the Impact of the Prudential Center on Crime in Downtown Newark. *Journal of Experimental Criminology, 20*(4): 1225-1251. (version of record: open access)

Sosnowski, M., Petrossian, G., Nunphong, T.*, and **Piza, E.** (2024). Crimes at Sea: Exploring the Nexus of Maritime Crimes Across Global EEzs. *Marine Policy,* 166, 106161. (version of record) | (open access post print)

Piza, E. and Sytsma, V. (2024). The Impact of Suspect Resistance, Informational Justice, and Interpersonal Justice on Time Until Police Use of Physical Force: A Survival Analysis. *Crime & Delinquency, 70*(1): 3-28. (version of record) | (open access post print) | (research brief)

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Piza, E., Hatten, D., Carter, J., Baughman, J., and Mohler, G. (2023). Gunshot Detection Technology Time Savings and Spatial Precision: An Exploratory Analysis in Kansas City. *Policing: A Journal of Policy and Practice, 17*, paac097. (version of record) | (open access post print) | (research brief)

Piza, E., Connealy, N., Sytsma, V., and Chillar, V.* (2023). Situational Factors and Police Use of Force Across Micro-Time Intervals: A Video Systematic Social Observation and Panel Regression Analysis. *Criminology 61*(1): 74-102. (version of record) | (open access post print) | (research brief)

Piza, E., Wolff, K., Hatten, D., and Barthuly, B.* (2023). Drug Overdoses, Geographic Trajectories, and the Influence of Built Environment and Neighborhood Characteristics. *Health & Place, 79,* 102959. (version of record) | (open access post print) | (research brief)

Piza, E. and Connealy, N. (2022). The Effect of the Seattle Police-Free CHOP Zone on Crime: A Microsynthetic Control Evaluation. *Criminology & Public Policy, 21*(1): 35-58. (version of record) | (open access post print) | (research brief)

Hatten, D.* and **Piza, E.** (2022). When Crime Moves Where Does It Go? Analyzing the Spatial Correlates of Robbery Incidents Displaced by a Place-Based Policing Intervention. *Journal of Research in Crime & Delinquency, 59*(1): 128-162. (version of record) | (open access post print) | (research brief)

Thomas, A.*, **Piza, E.**, Welsh, B. and Farrington, D. (2022). The Internationalization of CCTV Surveillance: Effects on Crime and Implications for Emerging Technologies. *International Journal of Comparative and Applied Criminal Justice, 46*(1): 81-102. (version of record) | (open access post print)

Quick, K.* and **Piza, E.** (2022). Police Officers' Best Friend? An Exploratory Analysis of the Effect of Service Dogs on Perceived Organizational Support in Policing. *The Police Journal: Theory, Practice and Principles, 95*(1): 127-151. (version of record) | (open access post print)

Piza, E., Szkola, J.* and Blount-Hill, K.* (2021). How Can Embedded Criminologists, Police Pracademics, and Crime Analysts Help Increase Police-Led Program Evaluations? A Survey of Authors Cited in the Evidence-Based Policing Matrix. *Policing: A Journal of Policy and Practice, 15*(2): 1217-1231. (version of record) | (open access post print) | (research brief)

Chillar, V.*, **Piza, E.,** and Sytsma, V. (2021). Conducting a Systematic Social Observation of Body-Camera Footage: Methodological and Practical Insights. *Journal of Qualitative Criminal Justice and Criminology, 10*(4): 1-30. (version of record: open access) | (research brief)

Piza, E. and Chillar, V.* (2021). The Effect of Police Layoffs on Crime: A Natural Experiment Involving New Jersey's Two Largest Cities. *Justice Evaluation Journal, 4*(2): 163-183. (version of record) | (open access post print) | (research brief)

Sytsma, V., **Piza, E.**, Chillar, V.*, and Grossman, L. (2021). Measuring Procedural Justice Policy Adherence During Use of Force Events: The Body-Worn Camera as a Performance Monitoring Tool. *Criminal Justice Policy Review, 32*(9): 938-959. (version of record: open access) | (research brief)

Piza, E. (2021). The History, Policy Implications, and Knowledge Gaps of the CCTV Literature: Insights for the Development of Body-Worn Video Camera Research. *International Criminal Justice Review, 31*(3): 304-324. (version of record) | (open access post print)

Sytsma, V., Chillar, V.*, and **Piza E.** (2021). Scripting Police Escalation of Use of Force through Conjunctive Analysis of Body-Worn Camera Footage: A Systematic Social Observational Pilot Study. *Journal of Criminal Justice, 74*: 101776. (version of record) | (open access post print) | (research brief)

Haberman, C., Hatten, D.*, Carter, J. and **Piza, E.** (2021). The Sensitivity of Repeat and Near Repeat Analysis to Geocoding Algorithms. *Journal of Criminal Justice, 73*: 1-12. (version of record) | (open access post print)

Szkola, J.*, **Piza, E.** and Drawve, G. (2021). Risk Terrain Modeling: Seasonality and Predictive Validity. *Justice Quarterly, 38*(2): 322-343. (version of record) | (open access post print)

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Kennedy, L., Caplan, J., **Piza, E.**, and Thomas, A.* (2020). Environmental Factors Influencing Urban Homicide Clearance Rates: A Spatial Analysis of New York City. *Homicide Studies, 25*(4): 313-334. (version of record) | (open access post print)

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Piza, E., Wheeler, A., Connealy, N.* and Feng, S.* (2020). Crime Control Effects of a Police Substation Within a Business-Improvement District: A Quasi-Experimental Synthetic Control Evaluation. *Criminology & Public Policy, 19*(2): 653-684. (version of record) | (open access post print) | (research brief)

Welsh, B., **Piza, E.**, Thomas, A.* and Farrington, D. (2020). Private Security and CCTV Surveillance: A Systematic Review of Function and Performance. *Journal of Contemporary Criminal Justice, 36*(1): 56-69. (version of record) |(open access post print)

Connealy, N.*, **Piza, E.** and Hatten, D.* (2020). The Criminogenic Effect of Marijuana Dispensaries in Denver, Colorado: A Microsynthetic Control Quasi-Experiment and Cost-Benefit Analysis. *Justice Evaluation Journal, 3*(1): 69-93. (version of record: open access)

Sytsma, V. and **Piza, E.** (2020). Quality Over Quantity: Assessing the Impact of Frequent Public Interaction Compared to Problem-Solving Activities on Police Officer Job Satisfaction. *Policing: A Journal of Policy and Practice, 14*(2): 526-541. (version of record)

Caplan, J., Kennedy, L., **Piza, E.**, and Barnum, J.* (2020). Using Vulnerability and Exposure to Improve Robbery Prediction and Target Area Selection. *Applied Spatial Analysis and Policy, 13*(1): 113-136. (version of record)

Piza, E., Welsh, B., Farrington, D. and Thomas, A.* (2019). CCTV Surveillance for Crime Prevention: A 40-Year Systematic Review with Meta-Analysis. *Criminology & Public Policy, 18*(1): 135-159. (version of record) | (open access post print) | (research brief)

Connealy, N.* and **Piza, E.** (2019). Risk Factor and High-Risk Place Variations Across Different Robbery Targets in Denver, Colorado. *Journal of Criminal Justice, 60*: 47-56. (version of record) | (open access post print)

Carter, J., **Piza, E.** and Grommon, E. (2019). Leveraging Wireless Broadband to Improve Police Land Mobile Radio Programming: Estimating the Resource Impact. *Journal of Crime and Justice, 42*(1): 60-77. (version of record)

Feng, S.*, **Piza, E.,** Kennedy, L. and Caplan, J. (2019). Aggravating Effects of Alcohol Outlet Types on Street Robbery and Aggravated Assault in New York City. *Journal of Crime and Justice, 42*(3): 257-273. (version of record)

Piza, E., Kennedy, L., and Caplan, J. (2018). Facilitators and Impediments to Designing, Implementing, and Evaluating Risk-Based Policing Strategies Using Risk Terrain Modeling: Insights from a Multi-City Evaluation in the United States. *European Journal on Criminal Policy and Research, 24*(4): 489-513. (version of record) | (open access post print)

Piza, E. and Carter, J. (2018). Predicting Initiator and Near Repeat Events in Spatiotemporal Crime Patterns: An Analysis of Residential Burglary and Motor Vehicle Theft. *Justice Quarterly, 35*(5): 842-870. (version of record) | (open access post print) | (research brief)

Piza, E. and Gilchrist, A.* (2018). Measuring the Effect Heterogeneity of Police Enforcement Actions Across Spatial Contexts. *Journal of Criminal Justice, 54*: 76-87. (version of record: open access)

Carter, J. and **Piza, E.** (2018). Spatiotemporal Convergence of Crime and Vehicle Crash Hot Spots: Additional Consideration for Policing Places. *Crime & Delinquency, 64*(14): 1795-1819. (version of record)

Piza, E. (2018). The Effect of Various Police Enforcement Actions on Violent Crime: Evidence from a Saturation Foot-Patrol Intervention. *Criminal Justice Policy Review, 29*(6-7): 611-629. (version of record) | (open access post print) | (research brief)

Piza, E. (2018). The Crime Prevention Effect of CCTV in Public Places: A Propensity Score Analysis. *Journal of Crime and Justice, 41*(1): 14-30. (version of record) | (open access post print)

Sytsma, V. and **Piza, E.** (2018). Script Analysis of Open-Air Drug Selling: A Systematic Social Observation of CCTV Footage. *Journal of Research in Crime and Delinquency, 55*(1): 78-102. (version of record)

Shane, J., **Piza, E.,** and Silva, J.* (2018). Piracy for Ransom: The Implications for Situational Crime Prevention. *Security Journal, 31*(2): 548-569. (version of record)

Kurland, J. and **Piza, E.** (2018). The Devil You Don't Know: A Spatial Analysis of Crime at Newark's Prudential Center on Hockey Game Days. *Journal of Sport Safety and Security, 3*(1): Article 1.

Sytsma, V. and **Piza, E.** (2018). The Influence of Job Assignment on Community Engagement: Bicycle Patrol and Community-Oriented Policing. *Police Practice and Research: An International Journal, 19*(4): 347-364. (version of record)

Piza, E. and Feng, S.* (2017). The Current and Potential Role of Crime Analysts in Evaluations of Police Interventions: Results from a Survey of the International Association of Crime Analysts. *Police Quarterly, 20*(4): 339-366. (version of record) | (open access post print)

Piza, E., Caplan, J., and Kennedy, L. (2017). CCTV as a Tool for Early Police Intervention: Preliminary Lessons from Nine Case Studies. *Security Journal, 30*(1): 247-265. (version of record)

Schnell, C.*, Braga, A., and **Piza, E.** (2017). The Influence of Community Areas, Neighborhood Clusters, and Street Segments on the Spatial Variability of Violent Crime in Chicago. *Journal of Quantitative Criminology, 33*(3): 469-496. (version of record)

Piza, E., Feng, S.*, Kennedy, L. and Caplan, J. (2017). Place-Based Correlates of Motor Vehicle Theft and Recovery: Measuring Spatial Influence Across Neighbourhood Context. *Urban Studies, 54*(13): 2998-3021. (version of record)

Caplan, J., Kennedy, L., Barnum, J.*, and **Piza, E.** (2017). Crime in Context: Utilizing Risk Terrain Modeling and Conjunctive Analysis of Case Configurations to Explore the Dynamics of Criminogenic Behavior Settings. *Journal of Contemporary Criminal Justice, 33*(2): 133-151. (version of record)

Barnum, J.*, Caplan, J., Kennedy, L., and **Piza, E.** (2017). The Crime Kaleidoscope: A Cross-Jurisdictional Analysis of Place Features and Crime in Three Urban Environments. *Applied Geography, 79*: 203-211. (version of record)

Piza, E. and Sytsma, V. (2016). Exploring the Defensive Actions of Drug Sellers in Open-Air Markets: A Systematic Social Observation. *Journal of Research in Crime and Delinquency, 53*(1): 36-65. (version of record) | (open access post print)

Piza, E., Gilchrist, A.*, Caplan, J., Kennedy, L. and O'Hara, B. (2016). The Financial Implications of Merging Proactive CCTV Monitoring and Directed Police Patrol: A Cost-Benefit Analysis. *Journal of Experimental Criminology, 12*(3): 403-429. (version of record) | (open access post print)

Kennedy, L., Caplan, J., **Piza, E.,** and Buccine-Schraeder, H.* (2016). Vulnerability and Exposure to Crime: Applying Risk Terrain Modeling to the Study of Assault in Chicago. *Applied Spatial Analysis and Policy, 9*(4): 529-548. (version of record)

Papachristos, A., Braga, A., **Piza, E.,** and Grossman, L.* (2015). The Company You Keep? The Spillover Effects of Gang Membership on Individual Gunshot Victimization in Social Networks. *Criminology, 53*(4): 624-649. (version of record)

Piza, E., Caplan, J., Kennedy, L., and Gilchrist, A.* (2015). The Effects of Merging Proactive CCTV Monitoring with Directed Police Patrol: A Randomized Controlled Trial. *Journal of Experimental Criminology, 11*(1): 43-69. (version of record) | (open access post print)

Salvemini, A., **Piza, E.**, Carter, J., Grommon, E., and Merritt, N. (2015). Integrating Human Factors Engineering and Information Processing Approaches to Facilitate Evaluations in Criminal Justice Technology Research. *Evaluation Review, 39*(3): 308-338. (version of record)

Shane, J., **Piza, E.,** and Mandala, M.* (2015). Situational Crime Prevention and Worldwide Piracy: A Cross-Continent Analysis. *Crime Science, 4*(1): 1-13. (version of record: open access)

Caplan, J., Kennedy, L., Barnum, J.* and **Piza, E.** (2015). Risk Terrain Modeling for Spatial Risk Assessment. *Cityscape: A Journal of Policy Development and Research, 17*(1): 7-16. (version of record: open access)

Caplan, J., Marotta, P.*, **Piza, E.,** and Kennedy, L. (2014). Spatial Risk Factors of Felonious Battery to Police Officers. *Policing: An International Journal of Police Strategies & Management, 37*(4): 823-838. (version of record)

Piza, E., Caplan, J. and Kennedy, L. (2014). Analyzing the Influence of Micro-Level Factors on CCTV Camera Effect. *Journal of Quantitative Criminology, 30*(2): 237-264. (version of record)

Piza, E., Caplan, J. and Kennedy, L. (2014). Is the Punishment More Certain? An Analysis of CCTV Detections and Enforcement. *Justice Quarterly, 31*(6): 1015-1043. (version of record) | (open access post print) | (research brief)

Moreto, W.*, **Piza, E.,** and Caplan, J. (2014). A Plague on Both Your Houses? Risks, Repeats, and Reconsiderations of Urban Residential Burglary. *Justice Quarterly, 31*(6): 1102-1126. (version of record)

Piza, E. and O'Hara, B. (2014). Saturation Foot Patrol in a High-Violence Area: A Quasi-Experimental Evaluation. *Justice Quarterly, 31*(4): 693-718. (version of record) | (open access post print) | (research brief)

Boxer, P., Sloan-Power, E., **Piza, E.,** and Schappell, A.* (2014). Using Police Data to Measure Children's Exposure to Neighborhood Violence: A New Method for Measuring Children's Exposure to Violence and Evaluation Relations Between their Exposure and Mental Health. *Violence and Victims, 29*(1): 24-33. (version of record)

Caplan, J., Kennedy, L., and **Piza, E.** (2013). Joint Utility of Event Dependent and Contextual Crime Analysis Techniques for Violent Crime Forecasting. *Crime & Delinquency, 59*(2): 243-270. (version of record)

Kennedy, L., Caplan, J. and **Piza, E.** (2011). Risk Clusters, Hotspots, and Spatial Intelligence: Risk Terrain Modeling as an Algorithm for Police Resource Allocation Strategies. *Journal of Quantitative Criminology, 27*(3): 339-362. (version of record)

- ***Books***

Piza, E. and Welsh, B. (Eds.) (2022). *The Globalization of Evidence-Based Policing: Innovations in Bridging the Research-Practice Divide*. Abingdon, Oxon, UK: Routledge Press. (version of record)

Piza, E. and Baughman, J. (2021). *Modern Policing Using ArcGIS Pro*. Redlands, CA: Esri Press. (version of record)

Kennedy, L., Caplan, J., and **Piza, E.** (2018). *Risk-Based Policing: Evidence-Based Crime Prevention with Big Data and Spatial Analytics*. Oakland, CA: University of California Press. (version of record)

- ***Book Chapters***

Lawrence, D. and **Piza, E.** (2026). Assessing the Impact of Gunshot Detection Technology: Methodologies, Analytical Approaches, and Insights. In Loeffler, C., Rosenberger, J., & Xue, L. *Gun violence: Assessing the Impact of Gunshot Detection Technology* (pp. 49-79). CRC Press: New York, NU. (version of record) | (open access post print)

Piza, E. (2024). CCTV Video Surveillance and Crime Control: The Current Evidence and Important Next Steps. In Welsh, B., Zane, S. & Mears, D. (Eds.) *The Oxford Handbook of Evidence-Based Crime and Justice Policy* (pp. 265-285). Oxford University Press: New York, NY. (version of record) | (open access post print)

Piza, E., Hatten, D., and Welsh, B. (2023). Creating Viewsheds To Evaluate the Effect of CCTV Camera Systems. In Groff, E. and Haberman, C. (Eds.) *Understanding Crime and Place. A Methods Handbook* (pp. 382-395). Philadelphia, PA: Temple University Press. (version of record) | (open access post print)

Piza, E. and Sytsma, V. (2023). Video Data Analysis of Body-Worn Camera Footage: A Practical Methodology in Support of Police Reform. In Craig, M. and Blount-Hill, K. (Eds.) *Justice and Legitimacy in Policing: Transforming the Institution* (pp. 59-75). Abingdon, Oxon, UK: Routledge Press. (version of record) | (open access post print)

Piza, E. and Arietti, R. (2022). Crime Analysis in Policing. In *Oxford Research Encyclopedia of Criminology and Criminal Justice*. New York and Oxford: Oxford University Press. doi: 10.1093/acrefore/9780190264079.013.ORE_CRI-00716. (version of record) | (open access post print)

Piza, E. and Welsh, B. (2022). Evidence-based Policing: Research, Practice, and Bridging the Great Divide. In Piza, E. and Welsh, B. (Eds.) *The Globalization of Evidence-Based Policing: Innovations in Bridging the Research-Practice Divide* (pp. 3-20). Abingdon, Oxon, UK: Routledge Press. (version of record) | (open access post print)

Piza, E., Chu, S. and Welsh, B. (2022). Surveillance, Action research, and Community Technology Oversight Boards: A Proposed Model for Police Technology Research. In Piza, E. and Welsh, B. (Eds.) *The Globalization of Evidence-Based Policing: Innovations in Bridging the Research-Practice Divide* (pp. 206-222). Abingdon, Oxon, UK: Routledge Press. (version of record) | (open access post print)

Welsh, B. and **Piza, E.** (2022). Evidence-Based Policing is Here to Stay: Lessons Learned and Next Steps. In Piza, E. and Welsh, B. (Eds.) *The Globalization of Evidence-Based Policing: Innovations in Bridging the Research-Practice Divide* (pp. 206-222). Abingdon, Oxon, UK: Routledge Press. (version of record)

Piza, E. (2021). Bentham on Crime Analysis and Evidence-Based Policing. In Jacques, S. and Schofield, P. (Eds.) *Jeremy Bentham on Police. The Unknown Story and What it Means for Criminology*. London, UK: UCL Press. (version of record: open access)

- ***Scholarly Monographs and Public Writing (Non-Refereed)***

Piza, E. (2026). Expansion of Police Surveillance Technology. In *What's Driven the Homicide Decline? An Assessment by Leading Researchers. Council on Criminal Justice* (version of record: open access)

Piza, E. (2026). Here Be Dragons: Burdens of Knowledge and Innovation in Evidence-Based Policing. *Evidence Base: Criminal Justice Research, Policy & Action, 1(1): 2607615.* (research brief) | (version of record: open access)

Piza, E. (2025). Video Surveillance and Security. *International Association of Private Security Consultants*. (version of record: open access)

Welsh, B. and **Piza, E.**. (2024). Crime Prevention for Social Impact and Social Justice: The Ideals, the Challenges, the Progress. *The ANNALS of the American Academy of Political and Social Science, 714*(1): 8-21. (version of record: open access)

Connealy, N., **Piza, E.**, Arietti, R., Mohler, G., and Carter, J. (2024). Does gunshot detection technology reduce gun violence? *Applied Police Briefings, 1*(1): 30-32. (version of record: open access)

Piza, E. (2024). I studied ShotSpotter in Chicago and Kansas City – here's what people in Detroit and the more than 167 other cities and towns using this technology should know. *The Conversation*. (version of record: open access)

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Piza, E. and Welsh, B. (2022). Evidence-Based Policing Is Here to Stay: Innovative Research, Meaningful Practice, and Global Reach. *Cambridge Journal of Evidence-Based Policing, 6*(1-2): 42-53. (version of record) | (open access post print)

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Piza, E. (2012). *Using Poisson and Negative Binomial Regression Models to Measure the Influence of Risk on Crime Incident Counts*. Newark, NJ: Rutgers Center on Public Security.

Kennedy, L., Caplan, J., and **Piza, E.** (2012). *A Primer on the Spatial Dynamics of Crime Emergence and Persistence*. Rutgers Center on Public Security: Newark, NJ

Caplan, J., Kennedy, L., **Piza, E.,** and Kim, E.* (2012). *Vacant Properties and Gun Shootings: Empirical Validation of a Core Assumption of the Kensington Renewal Initiative*. Newark, NJ: Rutgers Center on Public Security.

Braga, A., Grossman, L.*, and **Piza, E.** (2011). *Understanding serious violence in Newark, New Jersey*. Unpublished working paper. Newark, NJ: Rutgers University, School of Criminal Justice.

Piza, E., Kennedy, L. and Caplan, J. (2011). Police Resource Allocation. In Caplan, J. and Kennedy, L. (Eds.) *Risk Terrain Modeling Compendium*. Newark, NJ: Rutgers Center on Public Security

- ***Technical Reports***

Conteras, R., **Piza, E.**, and La Rochelle, C. (2025). *Byrne State Crisis Intervention Program Statewide Research Partner Final Report*. Report submitted to the Massachusetts Executive Office of Public Safety and Security.

Piza, E., Hazen, K., and Harkins, C. (2025). *The Effect of Mecklenburg County's The Way Forward Anti-Violence Meida Campaign on Citizen Engagement and Violent Crime*. Report submitted to the Mecklenburg County Department of Public Health Office of Violence Prevention.

Hazen, K., **Piza, E.,** and Farrell, A. (2025). *The Way Forward: Media Campaign Evaluation Report*. Report submitted to the Mecklenburg County Department of Public Health Office of Violence Prevention.

Piza, E., Mohler, G., Carter, J., Hatten, D., Connealy, N., Arietti, R., and Cho, J. (2024). *The Impact of Gunshot Detection Technology on Gun Violence in Kansas City and Chicago: A Multi-Pronged Evaluation*. Final report submitted to the National Institute of Justice in partial fulfillment of award number 2019-R2-CX-0004.

Piza, E., Connealy, N., Sytsma, V. and Chillar, V. (2021). *Police Use of Force as a Transactional Event: A Video Systematic Social Observation and Panel Regression Analysis*. Report submitted to the Charles Koch Foundation in partial fulfillment of Criminal Justice & Police Reform grant awarded to John Jay College of Criminal Justice.

Sytsma, V., **Piza, E.,** and Chillar, V.* (2020). *Reporting Descriptive Statistics for the Project Identifying Situational Determinants of Police Use of Force: A Systematic Social Observation of Body Camera Footage in Newark, NJ*. Report submitted to the Charles Koch Foundation in partial fulfillment of Criminal Justice & Police Reform grant awarded to John Jay College of Criminal Justice.

Chillar, V.*, **Piza, E.,** and Sytsma, V. (2020). *Conducting Systematic Social Observations of Body-Camera Footage to Understand Police Use of Force: Methodological and Practical Insights*. Report submitted to the Charles Koch Foundation in partial fulfillment of Criminal Justice & Police Reform grant awarded to John Jay College of Criminal Justice.

Piza, E., Feng, S.* and Connealy, N.* (2017). *An Evaluation of the Newark Police Department's Downtown Sub-Station: A Propensity Score Analysis*. Final report submitted to the Professional Staff Congress-City University of New York in partial fulfillment of award number 68767-00 46.

Carter, J., **Piza, E.**, Grommon, E., Salvemini, A., Harris, P., and Frantz, F. (2016). *An Exploration of the Impacts of Utilizing Broadband-Enabled Over-the-Air-Programming of Portable Land Mobile Radios*. Final report submitted to the National Institute of Justice in partial fulfillment of award number 2010-IJ-CX-K023.

Piza, E., Caplan, J. and Kennedy, L. (2013). *Detection of Crime, Resource Deployment, and Predictors of Success: A Multi-Level Analysis of CCTV in Newark, NJ*. Final report submitted to the National Institute of Justice in partial fulfillment of award number 2010-IJ-CX-0026.

External Grant and Funding Support

- ***$7,027,571 in total***

2026-2027 ***Principal Investigator: City of Somerville, MA ($30,000)***
-The Outlook of Community Policing in a Digital Era

2026-2027 ***Principal Investigator: New Jersey Gun Violence Research Center [Multi-Year Scholar Grant Funding Track] ($200,000)***
-Does Gunshot Detection Technology Improve Shooting Survivability? A Matched Quasi-Experiment in Paterson, NJ

2025-2026 ***Principal Investigator: Massachusetts Executive Office of Public Safety and Security, Byrne State Crisis Intervention Program ($150,000)***
-Statewide Research Partner

2025-2027 ***Principal Investigator: National Institute of Justice, Field-Initiated Action Research Partnerships [15PNIJ-24-GG-05456] ($398,884)***
-Establishing Police-Led Science in the Wauwatosa, Wisconsin Police Department

2025-2027 ***Co-Principal Investigator: National Institute of Justice, Research and Evaluation of Policing Practices [15PNIJ-24-GG-02567-RESS] ($1,325,889)***
-Does Training Police Officers in Brazilian Jiu-Jitsu Improve Use of Force Outcomes? An Experimental Evaluation With Systematic Social Observation in the Colorado Springs Police Department

2025-2026 ***Principal Investigator: National Institute of Justice, Research and Evaluation of Policing Practices [15PNIJ-24-GG-02572-RESS] ($877,946)***
-Intelligence-Led Policing in New Jersey: Data Integration to Support the Investigation of Gun Crimes

2024-2026 ***Principal Investigator: National Institute of Justice, Research and Evaluation on Policing Practices, Accountability Mechanisms, and Alternatives [15PNIJ-23-GG-05490-RESS] ($862,804)***
-Exploring Officer Patrol Behaviors Using Automated Vehicle Locator and Body-Worn Camera Data in Kansas City, Missouri

2024-2025 ***Principal Investigator: County of Mecklenburg Department of Public Health ($99,000)***
-Research and Evaluation in Support of Mecklenburg County's "The Way Forward" Community Violence Strategic Plan

2023-2025 ***Co-Principal Investigator: Social Sciences and Humanities Research Council Partnership Engage Grant ($23,422 CAD)***
-An Investigation of the Toronto Police Service Body-Worn Camera Program

2022-2026 ***Co-Principal Investigator: Bureau of Justice Assistance and Institute for Intergovernmental Research (via the City of Paterson, NJ Police Department) ($335,055)***
-Analytical and Technical Assistance to the Coalition for Opioid Response and Assessment

2020-2022 ***Principal Investigator: National Institute of Justice, Investigator-Initiated Research and Evaluation on Firearm Violence [2019-R2-CX-0004] ($503,129)***
-The Impact of Gunshot Detection Technology on Gun Violence in Kansas City and Chicago: A Multi-Pronged Synthetic Control Evaluation

2020-2021 ***Principal Investigator: Bureau of Justice Assistance and Institute for Intergovernmental Research (via the City of Paterson, NJ Police Department) ($146,851)***
-Developing and Evaluating a Data-Driven Approach to Address the Opioid Epidemic

2020-2021 ***Co-Principal Investigator: U.S. Department of State ($306,720)***
-Western Hemisphere Regional Transnational Crime Assessment and Analysis

2019 - 2020 ***Principal Investigator: Charles Koch Foundation, Criminal Justice & Policing Reform Program ($110,000)***
-Identifying Situational Determinants of Police Use of Force: A Systematic Social Observation of Body Camera Footage in Newark, NJ

2018 - 2020 ***Co-Principal Investigator: Bureau of Justice Assistance, Body-Worn Camera Policy and Implementation Program [2017-BC-BX-0045] ($496,920)***
- Newark Public Safety Department Body-Worn Camera Enhancement Project

2017 - 2018 ***Co-Principal Investigator: The Swedish National Council for Crime Prevention (Brå) (£11,250)***
- The Effect of CCTV on Crime and Perceptions of Safety: An Updated Systematic Review and Meta-Analysis

2014 - 2017 ***Co-Principal Investigator: National Institute of Justice, Testing Geospatial Predictive Policing Strategies [2013-IJ-CX-0053] ($461,384)***
- Policing by Place: A Multi-Level Analysis of the Effectiveness of Risk Terrain Modeling for Allocating Police Resources in New York City

2013 - 2015 ***Co-Principal Investigator: National Institute of Justice, Testing Geospatial Police Strategies and Exploring their Relationship to Criminological Theories [2012-IJ-CX-0038] ($499,633)***
- A Multi-Jurisdictional Test of Risk Terrain Modeling and a Place-Based Evaluation of Environmental Risk-Based Patrol Deployment Strategies

2011 - 2013 ***Co-Principal Investigator (for Newark Police Department): National Institute of Justice, Research on Policing [2010-IJ-CX-0026] ($188,620)***
- Detection of Crime, Resource Deployment, and Predictors of Success: A Multi-Level Analysis of CCTV in Newark, NJ

2010 ***Association of Doctoral Programs in Criminology & Criminal Justice Dissertation Award ($3,000)***
-Project Title: Identifying the Best Context for CCTV Camera Deployment: An Analysis of Micro-Level Features

Teaching Experience[**]

- ***University Courses***

2022-Present ***Northeastern University***
-*Classes Taught*: Crime Prevention (UG); Evidence-Based Crime Policy (G); Foundations of Crime Analysis and Mapping (G)
-*Classes Developed:* Foundations of Crime Analysis and Mapping (G)

2013 - 2022 ***John Jay College of Criminal Justice***
-*Classes Taught*: Capstone Seminar for BS in Criminal Justice (UG); Communities & Crime (UG); Crime Mapping (G); Crime Control & Prevention (UG); Criminal Justice Theory in Practice (UG); Research Methods and Statistics for Criminal Justice (UG); Survey of Criminal Justice Process and Policy: I & II (G)
-*Classes Developed:* Evidence-Based and Problem-Oriented Policing (UG); Communities & Crime (UG)

2012 - 2013 ***Rutgers University, School of Criminal Justice***
-*Classes Taught:* Data Analysis in Criminal Justice (UG)
-*Training Seminars Taught:* GIS Mapping for Public Safety; Targeting Violent Crime Initiative Spatial Analysis Course (Organized by the NJ Attorney's Office); Risk Terrain Modeling Workshop (Online Course; Teaching Assistant)

2005 - 2009 ***Rutgers University, School of Criminal Justice***
- *Classes Taught:* Contemporary Problems in Policing (UG); Data Analysis in Criminal Justice (UG); Police and the Community (UG); Police Problem Solving (UG)

- ***Professional Training Seminars***

2023 - 2026 ***Carolinas Crime Analysis Association***

[**]UG=Undergraduate Course; G=Graduate Course

- *Training Seminars Taught*: ArcGIS Pro Master Class (Boone, NC; Charleston, SC)

2018 - 2025 ***New York State Division of Criminal Justice Services***
- *Training Seminars Taught*: ArcGIS Pro for Crime Analysis (Albany, NY (x3); Rochester, NY; Suffolk County, NY; Online (x4))

2020 - 2022 ***John Jay College of Criminal Justice***
- *Training Seminars Taught*: ArcGIS Pro for Crime Analysis (Online (x2))

2012 - 2013 ***Rutgers University, School of Criminal Justice***
-*Training Seminars Taught:* GIS Mapping for Public Safety; Targeting Violent Crime Initiative Spatial Analysis Course (Organized by the NJ Attorney's Office)

2010 – 2019 ***International Association of Crime Analysts***
-*Training Seminars Taught:* Crime Mapping and Analysis (Albany, NY; College Park, MD; Landover, MD; Newark, NJ; New York City, NY(x3); Romeoville, IL)

Select Awards and Honors

2025 ***Identified as among the top 2% of criminologists in 2024, based upon citation metrics***
Ioannidis, John P.A. (2025), "August 2025 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V8, 2025, doi: 10.17632/btchxktzyw.8 https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/8

2022 ***Ranked as the 6th most influential scholar in crime prevention research***
Hsu et al., *International Journal of Environmental Research and Public Health*, 2022, 19, 1-20; https://doi.org/10.3390/ijerph191710616

2022 ***Three articles published in Criminology & Public Policy identified as among the most 50 most influential published by the journal, across a variety of performance metrics***
Worrall & Gordon, *Criminology & Public Policy, 2022, 21, 839-864.*
https://doi.org/10.1111/1745-9133.12604

2021 ***John Jay College Scholarly Excellence Award***
-Award Recipient: annual award given to select faculty members for outstanding scholarly contribution in the preceding three years

2021 ***Diverse: Issues in Higher Education Emerging Scholars***
-Award recipient: annual recognition of an interdisciplinary group of minority scholars who are "changing our institutions and higher education for the better"

2017 ***American Society of Criminology Division of Policing Early Career Award***
-Award recipient: annual award recognizing outstanding scholarly contributions to the field of policing by someone who has received his or her Ph.D. degree within the last five years.

2016 ***John Jay College Scholarly Excellence Award***
-Award Recipient: annual award given to select faculty members for outstanding scholarly contribution in the preceding three years

2015 ***John Jay College Donal E. McNamara Award***
-Award Recipient: annual award given to a junior faculty member for outstanding scholarly contribution in the preceding two years to the fields of criminal justice or criminology.

Select Invited Addresses

2026 ***International Association of Professional Security Consultants, annual conference: Chandler, AZ***
Presentation: Video Surveillance and Security. What the Research Means for the Private Sector

2025 ***University of Pennsylvania School of Criminology, colloquium series: Philadelphia, PA***
Presentation: Automated Vehicle Locators and Tracking Police Patrol Activity. Prospects and Challenges of a Novel Police Technology

2025 ***Princeton University, Criminal Justice Open Data Summit: Princeton, NJ***
Presentation: Want to Stop Hiding Your Research Behind Paywalls? It Requires $0.00 and 2 Easy Steps

2024 ***Malmö University: Malmo, Sweden***
Presentation: Does Technology Improve public Safety? It Depends.

2024 ***Carolinas Crime Analysis Association, annual conference: Charleston, SC***
Keynote Address: ArcGIS Pro Master Class

2023 ***Massachusetts Association of Crime Analysts, annual conference: Plymouth, MA***
Presentation: How to Measure the Effect of Technology on Crime: An Applied Example of ShotSpotter in Kansas City, MO

2023 ***New York State Division of Criminal Justice Services, Symposium on Evidence-Based Public Safety: Albany, NY***
Presentation: Measuring Police Activity in a Low-Visibility Profession: Using Body-Worn Camera Video to Measure Police-Citizen Interactions During Use of Force Events

2023 ***National Institute of Justice, National Research Conference: Washington, DC***
Presentation: The Impact of Gunshot Detection Technology on Gun Violence in Chicago and Kansas City. A Multi-Pronged Evaluation

2023 ***Practicum for Partnership-Based Violence Reduction: Boston, MA***
Presentation: Place-Based Problem Solving for Crime Prevention: The Current Evidence and Important Next Steps.

2022 ***Northeastern University, College of Social Sciences and Humanities, Faculty Works In-Progress Colloquium Series: Boston, MA***
Presentation: Video Data Analysis of Body-Worn Camera Footage: A Practical Methodology in Support of Police Reform

2021 ***American Society for Public Administration, Section on Emergency and Crisis Management: Police Violence, Crises, and Trust in Government Actors in Times of Emergency and Disaster***
Panel Discussant
Co-Discussants: Tami Abdollah (USA Today), Curtis Brown (Virginia Department of Emergency Management)

2021 ***New York City Police Department Office of Strategic Initiatives, Research Committee Meeting***
Keynote Address: Officer Tactics in Crime Hot Spots. Adding "What" to the Question of "*Where"*

2021 ***State of New York Division of Criminal Justice Services, Law Enforcement Webinar Series***
Presentation: Producing an Operational Hot Spot Map
Co-Presenter: Andrea Vey

2020 ***Konrad Adenauer Stiftung and Universidad Federal do Ceara, Seminar on Evidence-Based Public Policies in the Brazilian Criminal Justice System: Building Bridges between Universities, Police, Courts, and Public Administrations.***

Plenary Session: Evidence-Based Policing. Research, Practice, and Bridging the Great Divide

2020 The Institute for Global City Policing Dealing with Violence Conference: London, England, UK
Plenary Session: Preventing Violence by Contextualizing High-Crime Places. Leveraging Modern Tools to Solve Modern Problems

2019 TrygghetNU (Safety Now) Conference: Stockholm, Sweden
Keynote Address: CCTV Surveillance for Crime Prevention. A 40-Year Systematic Review with Meta-Analysis
Co-Presenters: Brandon C. Welsh, David P. Farrington & Amanda L. Thomas

2019 State of New York Division of Criminal Justice Services, Data-Driven Decision Making Symposium: Albany, NY
Plenary Session: Identifying Micro-Level Crime Hot Spots Using ArcGIS Pro: Applied Tools for Crime Analysts

2018 Swedish National Council for Crime Prevention Annual Conference: Orebro, Sweden
Keynote Address: The Effectiveness of CCTV for Crime Prevention. Implications for Public Policy

2018 State of New York Division of Criminal Justice Services, Data-Driven Decision Making Symposium: Albany, NY
Plenary Session: How to Improve Police-Led Science. Crime Analysts as the missing link

Service

- **To the Advancement of the Academic Profession**

Journal Manuscript Reviewer:

Journal	Reviews	Journal	Reviews
Aggression and Violent Behavior	*1*	*Journal of Crime and Justice*	*3*
American Journal of Criminal Justice	*2*	*Journal of Experimental Criminology*	*11*
Annals of the American Academy of Political & Social Science	*1*	*Journal of Policy Analysis and Management*	*3*
Applied Geography	*2*	*Journal of Quantitative Criminology*	*13*
Asian Journal of Criminology	*1*	*Journal of Research in Crime & Delinquency*	*19*
Canadian Journal of Criminology & Criminal Justice	*1*	*Justice Quarterly*	*20*
Crime & Delinquency	*4*	*Justice Evaluation Journal*	*2*
Criminology	*28*	*Peace & Change*	*1*
Criminology & Public Policy	*10*	*PLOS One*	*1*
Criminal Justice Review	*1*	*Police Practice & Research*	*10*
Crime Science	*2*	*Policing, An International Journal*	*3*
Deviant Behavior	*1*	*Policing, A Journal of Policy & Practice*	*3*
European Journal on Criminal Policy & Research	*2*	*Policing & Society*	*3*
Evaluation & Program Planning	*1*	*Police Journal*	*2*
Evidence Base	*1*	*Police Quarterly*	*4*
International Criminal Justice Review	*2*	*Population and Environment*	*1*
International Criminology	*2*	*Public Administration Review*	*1*
International Journal of Comparative and Applied Criminal Justice	*1*	*Race & Justice*	*1*
International Journal of Forecasting	*1*	*Security Journal*	*1*

International Journal of Offender Therapy and Comparative Criminology	*2*	*Spatial Demography*	*1*
Journal of Community Psychology	*1*	*Sociological Methods & Research*	*1*
Journal of Criminal Justice	*24*	*Social Science Research*	*1*
Journal of Contemporary Criminal Justice	*1*	*Victims & Offenders*	*1*

Editorial Board Member:
Criminology & Public Policy: *Spring 2025 - Present*
Criminology: *Spring 2021- Present*
Journal of Criminal Justice: *Summer 2020 - Present*
Justice Quarterly: *Summer 2025 - Present*
Police Practice & Research: *Fall 2020 - Present*
Journal of Research in Crime and Delinquency: *Spring 2017 - Spring 2023*

American Society of Criminology
-Scientific Integrity Committee: Spring 2022-Fall 2025
-Division of Policing, Awards Committee Member: Fall 2018

Crime and Justice Research Alliance: ***Fall 2015-Present***
Subject Matter Expert
-Crime Mapping, Crime Prevention, Evidence-Based Policing, Technology