Joel M. Caplan

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CURRICULUM VITAE

EDUCATION

University of Pennsylvania, School of Social Policy & Practice, Philadelphia, PA
Ph.D. in *Social Welfare Policy*, 2008

Rutgers University, School of Criminal Justice, Newark, NJ
M.A. in *Criminal Justice,* 2004

The College of New Jersey (formerly Trenton State College), Ewing, NJ
B.S. in *Law and Justice*, 2003

PROFESSIONAL EMPLOYMENT

Rutgers University, Newark, NJ
####### School of Criminal Justice
Professor, 2020 – present *[Associate Professor,* 2014-2020; *Assistant Professor*, 2008 – 2014*]*
Masters Program Director, Fall 2017 – present
####### Rutgers Center on Public Security
Director, 2018 – present [*Deputy Director*, 2014 – 2018; *Associate Director,* 2008 – 2014]
####### SCJ Newark Anchor Initiative
Co-Executive Director, 2018 – present

Center for Research on Youth and Social Policy (CRYSP), Philadelphia, PA
Research Associate | 2007 - 2008
- Principal Investigator for grant funded research on parole systems in the U.S.

Cartographic Modeling Lab, Philadelphia, PA
Research Associate | 2004 – 2007
- Produced and analyzed GIS maps

Longport Police Department, Longport, NJ
Dispatcher | 2003 – 2004
- Dispatched police, fire, and EMS personnel and resources; Answered/managed 911 phone calls; Operated NCIC, ATS, and ASC systems

Police Institute, Rutgers University, Newark, NJ
Research Assistant | 2003 – 2004
- Conducted criminal case history reviews; Developed and implemented criminal offender classification protocols

Cape May City Police Department, Cape May, NJ
Police Officer, SLEO II | 2000 – 2002
- Patrolled on foot, bike and car; Conducted criminal investigations; Testified in court

MONOC – Atlantic City Emergency Medical Services, Atlantic City, NJ
Emergency Medical Technician (EMT) | 1999 – 2002
- Treated medical and traumatic injuries; Commanded mass-casualty incidents; Drove ambulance in emergency and non-emergency modes

TEACHING EXPERIENCE

School of Criminal Justice, Rutgers University, Newark, NJ
> *Faculty,* Fall 2008 to present
> - "Risk Terrain Modeling" (Graduate)
> - "Risk-Based Policing" (Graduate & Undergraduate)
> - "Fieldwork in Criminal Justice" (Graduate)
> - "Crime Control Theory and Research" (Graduate)
> - "Crime Mapping and GIS for Public Safety" (Graduate)
> - "Advanced GIS Mapping and Spatial Analysis" (Graduate)
> - "Criminal Justice System" (Graduate)
> - "Justice, Law and Policy" (Graduate)
> - "Introduction to the Criminal Justice System" (Undergraduate)
> - "Reducing Local Crime" (Undergraduate)

Innovations Suite Researcher-Practitioner Fellows Academy, Michigan State Univ., East Lansing, MI [A Bureau of Justice Assistance (BJA) program to advance evidence-based practice]
> *Academy Faculty,* 2015 - 2019

School of Social Policy & Practice, University of Pennsylvania, Philadelphia, PA
> *Adjunct Professor,* Spring 2008
> - "Program Evaluation" (Graduate)

Department of Sociology, Anthropology & Criminal Justice, Rutgers University, Camden, NJ
> *Adjunct Professor,* Summer 2007
> - "Introduction to GIS Mapping and Analysis for Public Safety" (Undergraduate and Graduate)

American Heart Association, Shore Medical Center, Life Support Training Center, Somers Point, NJ
> *BLS Instructor,* 1999 to present
> - Professional and Community CPR, Defibrillation and First Aid Courses

JOURNAL PUBLICATIONS

* Asterisk indicates student co-author at the time of manuscript preparation

Kennedy, L. W., **Caplan, J. M.**, Garnier, S. Lersch, K., Miró-Llinares, F., Gibbs Van Brunschot, E. E., & Lopez, D. (2021). Using Evidence Based Analytics to Create Narratives for Police Decision Making [Editorial Introduction]. *Frontiers in Psychology*.

Kennedy, L. W., **Caplan, J. M.**, & Drawve, G. (2021). Data-Informed Crime Prevention at Convenience Stores in Atlantic City. *Police Practice and Research.*

Caplan, J. M., Kennedy, L. W., Drawve, G., & Baughman, J. (2021). Data-Informed and Place-Based Violent Crime Prevention: The Kansas City, Missouri Risk-Based Policing Initiative. *Police Quarterly.*

Caplan, J. M., Neudecker, C.* Kennedy, L., Drawve, G., & Barnum, J.* (2021). Tracking Risk for Crime Throughout the Day: An Examination of Jersey City Robberies. *Criminal Justice Review, 46(2),* 259-273.

Kennedy, L. W., **Caplan, J. M.**, Piza, E. L., & Thomas, A. L. (2021). Environmental Factors Influencing Urban Homicide Clearance Rates: A Spatial Analysis of New York City. *Homicide Studies, 25(4)*, 313-334.

Berryessa, C. M. and **Caplan, J. M.** (2020). Cognitive and Affective Processing of Risk Information: A Survey Experiment on Risk-Based Decision-making Related to Crime and Public Safety. *Frontiers in Psychology, 11,* 1-18.

Drawve, G. & Kennedy, L. W. **Caplan, J. M.**, & Sarkos, J. (2020). Risk of Robbery in a Tourist Destination: A Monthly Examination of Atlantic City, New Jersey. *Journal of Place Management and Development, 13(4),* 429-446.

Caplan, J. M., Kennedy, L. W., & Neudecker, C. H.* (2020). Cholera Deaths in Soho, London, 1854: Risk Terrain Modeling for Epidemiological Investigations. *PLoS ONE,* 1-11.

Boxer, P., Drawve, G. & **Caplan, J. M.** (2020). Neighborhood Violent Crime and Academic Performance: A Geospatial Analysis. *American Journal of Community Psychology, 65(3-4),* 343-352.

Caplan, J. M., Kennedy, L. W., Piza, E. L. & Barnum, J. D.* (2020). Using Vulnerability and Exposure to Improve Robbery Prediction and Target Area Selection. *Applied Spatial Analysis and Policy, 13*, 113-136.

Drawve, G., **Caplan, J. M.**, & Ostermann, M. (2019). Utilizing a Risk of Crime Measure for Recidivism Research: Moving Environmental Corrections Forward. *Crime & Delinquency*. *65(5)*, 606-629.

Feng, S.*, Piza, E. L., Kennedy, L. W., & **Caplan, J. M.** (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.

Garnier, S., **Caplan, J. M.**, & Kennedy, L. W. (2018). Predicting Dynamical Crime Distribution from Environmental and Social Influences. *Frontiers in Applied Mathematics and Statistics, 30.*

Giménez-Santana, A.*, **Caplan, J. M.**, & Drawve, G. (2018). Risk Terrain Modeling and Socio-Economic Stratification: Identifying Risky Places for Violent Crime Victimization in Bogotá, Colombia. *European Journal on Criminal Policy and Research, 24(4),* 417-432.

Piza, E. L., Kennedy, L. W., & **Caplan, J. M.** (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.

Caplan, J. M., Kennedy, L. W., Barnum, J. D.,* & Piza, E. L. (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.

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

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

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

Barnum, J. D.*, Campbell, W. L.*, Trocchio, S.*, **Caplan, J. M.**, & Kennedy, L. W. (2017). Examining the Environmental Characteristics of Drug Dealing Locations. *Crime & Delinquency, 63(13)*, 1731-1756.

Piza, E. L., Gilchrist, A. M.*, **Caplan, J. M.,** Kennedy, L. W., & O'Hara, B. (2016). Financial Implications of Merging Proactive CCTV Monitoring and Directed Police Patrol: A Cost-Benefit Analysis. *Journal of Experimental Criminology, 12(3)*, 403-429.

Miller, J., **Caplan, J. M.**, & Ostermann, M. (2016). Assessing the Effects of Local Crime Hotspots on Parolee Recidivism. *Prison Journal. 96*(3), 437-461.

Kennedy, L. W., **Caplan, J. M.**, Piza, E. L. & 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.

Ostermann, M. & **Caplan, J. M.** (2016). How Much Do the Crimes Committed by Released Inmates Cost? *Crime and Delinquency, 62(5)*, 563-591.

Caplan, J. M., Kennedy, L. W., Barnum, J. D.*, & Piza, E. L. (2015). Risk Terrain Modeling for Spatial Risk Assessment. *Cityscape*. *17*(1), 11-20.

Piza, E., **Caplan, J. M.**, Kennedy, L. W. & Gilchrist, A. M.* (2015). The Effects of Merging Proactive CCTV Monitoring with Directed Police Patrol: A Randomized Control Trial. *Journal of Experimental Criminology, 11(1)*, 43-69.

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

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

Moreto, W. D.*, Piza, E., & **Caplan, J. M.** (2014). 'A plague on both your houses?': Risks, repeats and reconsiderations of urban residential burglary. *Justice Quarterly*. *31*(6), 1102-1126.

Miller, J. **Caplan, J. M.**, & Ostermann, M. (2013, online first). Home nodes, criminogenic places, and parolee failure: Testing an environmental model of offender risk. *Crime and Delinquency, 62(2),* 169-199.

Caplan, J. M., Kennedy, L. W., & Piza, E. L.* (2013). Joint utility of event-dependent and environmental crime analysis techniques for violent crime forecasting. *Crime and Delinquency, 59*(2), 243-270.

Caplan, J. M., Kennedy, L. W., & Baughman, J. (2012). Kansas City's Violent Crime Initiative: A Place-Based Evaluation of Location-Specific Intervention Activities during a Fixed Time Period. *Crime Mapping, 4*(2), 9-37.

Piza, E. L.*, **Caplan, J. M.**, & Kennedy, L. W. (2012). Is the punishment more certain? An analysis of CCTV detections and enforcement. *Justice Quarterly, 31(6)*, 1015-1043.

Caplan, J. M. (2012). Protecting parole board legitimacy in the twenty-first century: The role of victims' rights and influences. *Victims and Offenders, 7*, 1-24*.*

Caplan, J. M. (2011). Mapping the spatial influence of crime correlates: A comparison of operationalization schemes and implications for crime analysis and criminal justice practice. *Cityscape, 13*(3), 57-83*.*

Caplan, J. M., Kennedy, L. W., & Petrossian, G.* (2011). Police-monitored CCTV cameras in Newark, NJ: A quasi-experimental test of crime deterrence. *Journal of Experimental Criminology, 7,* 255-274*.*

Caplan, J. M., Kennedy, L. W., & Miller, J. (2011). Risk terrain modeling: Brokering criminological theory and GIS methods for crime forecasting. *Justice Quarterly, 28*(2), 360-381. [Received "Donal MacNamara Award for Outstanding Journal Publication" from the Academy of Criminal Justice Sciences in New York, NY]

Kennedy, L. W., **Caplan, J. M.**, 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*.*

Matejkowski, J. **Caplan, J. M.**, & Cullen, S. W. (2010). The impact of severe mental illness on parole decisions: Considering integration within a prison setting. *Criminal Justice and Behavior, 37*(9), 1005-1029.

Caplan, J. M. & Kinnevy, S. (2010). National surveys of state paroling authorities: Models of service delivery. *Federal Probation, 74*(1), 34-42.

Caplan, J. M. (2010). Parole release decisions: Impact of victim input on a representative sample of inmates. *Journal of Criminal Justice, 38,* 291-300*.*

Caplan, J. M. (2010). Parole release decisions: Impact of positive and negative victim and non-victim input on a representative sample of parole-eligible inmates. *Violence and Victims, 25*(2)*,* 224-242. [Received "Advancing Victim-Centered Knowledge Scholarly Paper Award" from the National Center for Victims of Crime in Washington, DC]

Paparozzi, M. A. & **Caplan, J. M.** (2009). A profile of paroling authorities in America: The strange bedfellows of politics and professionalism. *The Prison Journal, 80*, 401-425.

Mellow, J., Schlager, M. D., & **Caplan, J. M.** (2008). Using GIS to evaluate post-release prisoner services in Newark, New Jersey. *Journal of Criminal Justice, 36*(5), 416-425.

Metraux, S., **Caplan, J. M.**, Klugman, D., & Hadley, T. R. (2007). Assessing residential segregation among medicaid recipients with psychiatric disability in Philadelphia. *Journal of Community Psychology, 35*(2), 239-255.

Caplan, J. M. (2007). What factors affect parole? A review of empirical research. *Federal Probation, 71*(1), 16-19.

Carr, B. G., **Caplan, J. M.**, Pryor, J. P., & Branas, C. C. (2006). Benchmarking pre-hospital care times for trauma: A meta-analysis. *Prehospital Emergency Care, 10*(2), 198-206.

Caplan, J. M. (2006). Parole system anomie: Conflicting models of casework and surveillance. *Federal Probation, 70*(3)*, 32-36.

Caplan, J. M. (2003). Police cynicism: Police survival tool? *Police Journal*, *76*(4), 304-313.

BOOKS

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

Caplan, J. M. & Kennedy, L. W. (2016). *Risk Terrain Modeling: Crime Prediction and Risk Reduction.* Berkeley, CA: University of California Press.

CHAPTERS IN EDITED BOOKS

Giménez Santana, A., **Caplan, J. M.**, Kennedy, L. W. (2022). Data-Informed Community Engagement: The Newark Public Safety Collaborative. In E. Piza & B. Welsh (Eds). *The Globalization of Evidence-Based Policing: Innovations in Bridging the Research-Practice Divide*. London, UK: Routledge Press.

Giménez Santana, A., Kennedy, L. W., **Caplan, J. M.** (2020). Risk Terrain Modeling and the study of the physical determinants of criminal behavior. *Cahiers de la sécurité et de la justice: revue de l'Institut national des hautes études de la sécurité et de la justice*, (47), 126-134. [https://inhesj.fr/publications/cahiers-de-la-securite-et-de-la-justice/securite-totale-le-meilleur-des-mondes-numeriques]

Caplan, J. M. & Kennedy, L. W. (2014). Forecasting of Shootings using Risk Terrain Modeling. In G. Bruinsma and D. Weisburd (Eds.), *Crime and Place: Crime Specialization and Concentrations*. New York: Springer-Verlag. Pp. 1682-1692.

Rusnak, D.*, Kennedy, L. W., Eldivan, I. S., & **Caplan, J. M.** (2012). Countering the Threat of Terrorism: Applying Risk Terrain Modeling in Turkish Cities. In C. Lum and L. Kennedy (Eds.), *Evidence-Based Counterterrorism Policy*. New York: Springer-Verlag.

Kennedy, L. W. & **Caplan, J. M.** (2011). Risk Terrains and Crime Emergence. In J. McGloin, C. Sullivan, and L. W. Kennedy. *When Crime Appears: The Role of Crime Emergence*. NY: Taylor & Francis.

Caplan, J. M., Moreto, W. D.*, & Kennedy, L. W. (2011). Forecasting Global Maritime Piracy Utilizing the Risk Terrain Modeling (RTM) Approach to Spatial Risk Assessment. In L. W. Kennedy and E. F. McGarrell (Eds.), *Crime and Terrorism Risk: Studies in Criminology and Criminal Justice*. New York: Routledge.

Caplan, J. M. (2010). What Factors Affect Parole: A Review of Empirical Research. In R. Satyanarayana (Ed.), *Parole--Judicial Reflections* (pp. 102-113). Hyderabad, India: Icfai University Press.

Caplan, J. M. (2006). Booking. In *Criminal Justice* (pp. 93-94). Pasadena, CA: Salem Press.

SCHOLARLY MONOGRAPHS (UNREFEREED)

Caplan, J. M. & Kennedy, L. W. (2019). *Operation Safe Surroundings: The Evidence-Based Violence Prevention Strategy.* Newark, NJ: Rutgers Center on Public Security.

Caplan, J. M., Kennedy, L. W., & Piza, E. L. (2013). *Risk Terrain Modeling Diagnostics Utility User Manual, Version 1.0.* Newark, NJ: Rutgers Center on Public Security.

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

Caplan, J. M. & Moreto, W. D.* (2012). *GIS Mapping for Public Safety: An Annotated Guide to ArcGIS Version 10 Tools & Procedures.* Newark, NJ: Rutgers Center on Public Security.

Kennedy, L. W., Gaziarofoglu, Y.,* & **Caplan, J. M.** (2012). *Analyzing and Visualizing Worldwide Spatial Data*. Newark, NJ: Rutgers Center on Public Security.

Caplan, J. M. & Kennedy, L. W. (Eds.) 2011. *Risk Terrain Modeling Compendium*. Newark, NJ: Rutgers Center on Public Security.

Caplan, J. M. & Kennedy, L. W. (2010). *Risk Terrain Modeling Manual: Theoretical Framework and Technical Steps of Spatial Risk Assessment*. Newark, NJ: Rutgers Center on Public Security.

Caplan, J. M. (2010). *GIS for Public Safety: An Annotated Guide to ArcGIS Tools & Procedures.* Margate, NJ: ComteQ.

Caplan, J. M. (2008). Parole Release Decisions in New Jersey: Effects of Positive and Negative Victim and Non-victim Input. (Unpublished doctoral dissertation available from the University of Pennsylvania, Philadelphia, PA).

REPORTS

Jenkins, R. & Purves, D. (2020). "Artificial Intelligence and Predictive Policing: A Roadmap for Research." Report funded by US National Science Foundation, awards #1917707 and #1917712. [**Caplan, J. M.** served as consultant and 'interviewed expert']

Kennedy, L. W., & **Caplan, J. M.** (2019). Next Generation Risk Terrain Modeling Software: Development and Sustainability. (Available from National Institute of Justice, Washington, DC) [Final Report for Award #2016-IJ-CX-K001]

Caplan, J. M., Kennedy, L. W., & Drawve, G. (2018). Risk-Based Policing in Atlantic City: 2017 Report. (Available from the Rutgers Center on Public Security, Newark, NJ at rutgerscps.org)

Caplan, J. M., Kennedy, L. W., & Drawve, G. (2017). The Atlantic City Police Department Risk-Based Policing Initiative Pilot Project: 2016 Year-End Report. (Available from the Rutgers Center on Public Security, Newark, NJ at rutgerscps.org)

Kennedy, L. W., **Caplan, J. M.**, & Piza, E. L., (2015). A Multi-jurisdictional Test of Risk Terrain Modeling and a Place-based Evaluation of Environmental Risk-Based Patrol Deployment Strategies. (Available from National Institute of Justice, Washington, DC) [Final Report for Award #2012-IJ-CX-0038]

Kennedy, L. W., **Caplan, J. M.**, & Piza, E. L., (2015). Conjunctive Analysis Report: 6-City Executive Summary. (Available from National Institute of Justice, Washington, DC) [Final Supplemental Report for Award #2012-IJ-CX-0038]

Kennedy, L. W. & **Caplan, J. M.** (2014). RU@Risk Project: Rutgers University-Newark Campus Safety and Security Review. (Available from the Rutgers University-Newark Chancellor's Office, Newark, NJ)

Piza, E. L., **Caplan, J. M.**, & Kennedy, L. W. (2013). Detection of Crime, Resource Deployment, and Predictors of Success: A Multi-Level Analysis of CCTV in Newark, NJ. (Available from National Institute of Justice, Washington, DC) [Final Report for Award #2010-IJ-CX-0026]

Caplan, J. M., Kennedy, L. W., Piza, E. L., & Kim, E. G.* (2012). Vacant Properties and Gun Shootings: Empirical Validation of a Core Assumption of the Kensington Renewal Initiative. (Available from the Kensington Renewal Initiative, Philadelphia, PA)

Crager, K.*, Meehan, L.*, Rusnak, D.*, Aquino, C.*, & **Caplan, J. M.** (2011). *Newark Funders Group GIS Report.* (Available from the Victoria Foundation, Glen Ridge, NJ)

Crager, K.*, Meehan, L.*, Rusnak, D.*, Aquino, C.*, & **Caplan, J. M.** (2011). *Victoria Foundation GIS Report #2.* (Available from the Victoria Foundation, Glen Ridge, NJ)

Meehan, L.*, Aquino, C.*, Crager, K.*, & **Caplan, J. M.** (2010). *Victoria Foundation GIS Report #1.* (Available from the Victoria Foundation, Glen Ridge, NJ)

Matejkowski, J., **Caplan, J. M.**, & Cullen, S. W. (2010). *The Impact of Mental Illness on Criminal Risk Factors and Parole Release Decisions.* (Available from the New Jersey State Parole Board, Trenton, NJ).

Caplan, J. M., Cullen, S. W., & Matejkowski, J. (2009, February). *Understanding the Impact of Severe Mental Illness on Parole Release Decisions.* (Available from The University of Pennsylvania Collaborative on Community Integration of Individuals with Psychiatric Disabilities, Rehabilitation Research and Training Center; Philadelphia, PA).

Caplan, J. M. (2009, May). *Geographic Distributions of DWI Arrests and Motor Vehicle Collisions in Northfield, NJ: Implications for Sobriety Checkpoints*. (Available from the City of Northfield Police Department, Northfield, NJ).

Kinnevy, S. C. & **Caplan, J. M.** (2008, February). *Time served analysis: Results from a national survey of paroling authorities.* (Available from The Pew Charitable Trusts, Washington, DC).

Kinnevy, S. C. & **Caplan, J. M.** (2008, April). *Findings from the APAI International Survey of Releasing Authorities*. (Available from the Association of Paroling Authorities International, Wallingford, PA).

Caplan, J. M. (2008, July). *Parole Release Decisions: Impact of Victim & Non-Victim Input.* (Available from the New Jersey State Parole Board, Trenton, NJ).

Kinnevy, S. C. & **Caplan, J. M.** (2008, July). *Use of Decision-Making Instruments: Findings from a National Survey of Parole Boards and Releasing Authorities.* (Available from The Pew Charitable Trusts, Washington, DC).

Caplan, J. M. & Kinnevy, S. C. (2008, July). *Calculating Recidivism and Producing Statistics: Findings from a National Survey of Parole Boards and Releasing Authorities*. (Available from The Pew Charitable Trusts, Washington, DC).

Caplan, J. M. & Kinnevy, S. C. (2008, November). *Parole Release Decisions: Effects of Positive & Negative Victim and Non-Victim Input.* (Available from the JEHT Foundation, New York, NY).

Kinnevy, S. C. & **Caplan, J. M.** (2008, November). *National Surveys of State Parole Boards: Models of Service Delivery.* (Available from the JEHT Foundation, New York, NY).

Caplan, J. M., Long, G., & Garcia, J. (2006, May). *Visualizing History: Preservation Alliance GIS Mapping Prospectus*. (Available from Preservation Alliance of Greater Philadelphia, PA)

Caplan, J. M., Kokaz, M., & Klein, N. (2006, April). *Emergency Evacuation Models for Commencement Ceremonies at Franklin Field*. (Available from the Division of Public Safety at the University of Pennsylvania, Philadelphia, PA).

Branas, C. C., MacKenzie, E., ReVelle, C., Schwab, C. W., Durbin, D., Williams, J., Li, J., **Caplan, J. M.**, & Kowitt, B. (2005, November). Separate state-specific reports entitled "Geographic Access to Trauma Facilities" were delivered to emergency management representatives in the States of CA, CO, FL, IA, MD, NC, NJ, NY, OK, OR, PA, UT, and WA.

Caplan, J. M. (2005, October). *A Review of Responses to Bicycle Theft: Recommendations for Control and Prevention*. (Available from Division of Public Safety at the University of Pennsylvania, Philadelphia, PA).

Metraux, S., **Caplan, J. M.,** & Hadley, T. R. (2005, March). *Geographic Distribution of Medicaid Recipients with Psychiatric Disabilities in Philadelphia*. (Available from Rehabilitation Research and Training Center [RRTC] on Community Integration of People with Psychiatric Disabilities; Philadelphia, PA Office of Mental Health.

EDITORIALS AND REVIEWS

Caplan, J., Kennedy, L., & Santana, A. (December 2021). Data and analytics enable community groups to become partners in public safety. *The Washington Post.* [Available at https://www.washingtonpost.com/crime-law/2021/12/14/crime-prevention-location-analysis/]

Caplan, J. M. (March 2021). Data-Informed Community Engagement. *Quality Policing, Violence Reduction Project (Blog).* [Available at https://qualitypolicing.com/violencereduction/caplan]

Baughman, J. & **Caplan, J.** (May 5, 2020). Research in Brief: Risk-Based Policing in the Kansas City, Missouri, Police Department. *Police Chief Magazine (Online)*. [Available at https://www.policechiefmagazine.org/rib-risk-based-policing-kcpd/?ref=ffad9524ee9860aaffe8f7c2e6d65cc7]

Caplan, J. M. (September 2018). The Role of Theory in Evidence-Based Policing. *American Society of Evidence-Based Policing Blog.* [Available at https://www.americansebp.org/the-role-of-theory-in-evidence-based-policing]

Barnum, J. D., Campbell, W. L., Trocchio, S., **Caplan, J. M.**, & Kennedy, L. W. (July 2016). How the physical landscape of the urban environment affects drug dealing. *London School of Economics and Political Science (LSE), US Centre; USAPP Blog.* [Available at http://blogs.lse.ac.uk/usappblog/2016/07/29/how-the-physical-landscape-of-the-urban-environment-affects-drug-dealing]

Marotta, P.*, Barnum, J.*, Watson, A., & **Caplan, J.** (2014). Crisis Intervention Team Training Programs for Law Enforcement Officers: A Systematic Review. *The Campbell Collaboration*.

Caplan, J. M., Kennedy, L. W., Piza, E. L., & Marotta, P. L. (July 2014). Risk Terrain Modeling for Strategic and Tactical Action. *Crime Mapping and Analysis (Issue 1)* [A Police Foundation publication; Available at http://crimemapping.info/article/risk-terrain-modeling-strategic-tactical-action/].

Caplan, J. M. (2013). Keeping Toddlers Safe. *EHT Life*, September, 20.

Caplan, J. M. & Matejkowski, J. (March 14, 2009). A View on the Death Penalty. (Invited guest editorial for the blog *Changing Lives, Changing Minds*, a nationally recognized alternative sentencing program for criminal offenders founded by UMass—Dartmouth. At http://cltl.umassd.edu/blog).

Carr, B. G., **Caplan, J. M.**, Pryor, J. P., & Branas, C. C. (2007). Study provides national averages for prehospital transport times for trauma patients over the last 30 years. *AHRQ Research Activities, 319*, 14.

Caplan, J. (2005). Be Prepared to Be a Hero. *Jewish Times of South Jersey*, July 29, 9 (30), 6.

Caplan, J. (2005). What Prisons Say About Society. *The Daily Pennsylvanian*, October 14.

Caplan, J. M. (2003). Policy for Profit: The Private-Prison Industry's Influence Over Criminal Justice Legislation. *ACJS Today, 26*, 15-20.

Caplan, J. M. (2002). Alternatives to incarceration: A solution to skyrocketing correctional costs. *The College of New Jersey Journal of Student Scholarship*, *IV*(April), 34-38.

GRANT AND FUNDING SUPPORT ($7M)

Co-Principal Investigator ($90,000)
From the Victoria Foundation, for 3 years (2025-2027) in support of the Newark Public Safety Collaborative. 2022.

Co-Principal Investigator ($702,956)
From the National Institute of Justice (#15PNIJ-21-GG-02718-RESS), for a two year project titled "Enhancing Procedural Justness of Encounters Through Substantiation (EPJETS): The Atlantic County Randomized Controlled Trial." 2021. [in collaboration with Stockton University]

Co-Principal Investigator ($90,000)
From the Victoria Foundation, for 3 years (2022-2024) in support of the Newark Public Safety Collaborative. 2021.

Co-Principal Investigator ($30,000)
From the Victoria Foundation, for 1 year in support of the Newark Public Safety Collaborative. 2021.

Co-Principal Investigator ($600,000)
From The Prudential Foundation (Newark), for 2 years in support of the Newark Public Safety Collaborative. 2021. [Award #40410]

Co-Principal Investigator ($300,000)
From The Prudential Foundation (Newark), for 12-months in support of the Newark Public Safety Collaborative. 2020.

Co-Principal Investigator ($70,000)
From the Victoria Foundation, for 2 years (2020-2021) in support of the Newark Public Safety Collaborative. 2019. [Award #2019150]

Consultant ($503,000)
From the National Science Foundation (NSF Award #1917712), for a 3-year project titled "*Artificial Intelligence and Predictive Policing: An Ethical Analysis*", to examine social and ethical implications of predictive policing systems, and to develop ethically and empirically informed best practices for their use. 2019. [In collaboration with PIs at California Polytechnic State University and University of Florida]

Co-Principal Investigator ($246,000)
From The Prudential Foundation (Newark), for 12-months in support of the Newark Public Safety Collaborative. 2019.

Co-Principal Investigator ($79,000)
From the Prudential Foundation (Newark), for a 6-month extension in support of the Newark Public Safety Collaborative (formerly the Safer Newark Council). 2019.

Co-Principal Investigator ($40,000)
From the Victoria Foundation, in support of the Newark Public Safety Collaborative (formerly the Safer Newark Council). 2019.

Co-Principal Investigator ($400,000)
From Rutgers University – Newark Chancellor's Office and the Rutgers School of Criminal Justice, for a 2-year project titled SCJ Newark Anchor Initiative. 2018*.*

Principal Investigator ($15,048)
From the Kansas City Board of Police Commissioners, to cover travel expenses and direct costs for a six month project to establish risk-based policing with RTM in Kansas City. 2018*.*

Co-Investigator ($715,996)
From the National Institute of Justice (#2017-ZA-CX-0004), for a three year project titled "Innovative Methodologies for Assessing Radicalization Risk: Risk Terrain Modeling and conjunctive Analysis." 2017. [in collaboration with the University of Arkansas]

Co-Principal Investigator ($198,247)
From the National Institute of Justice (#2016-IJ-CX-K001), for a two year project titled "Next Generation Risk Terrain Modeling Software: Development and Sustainability." 2016.

Consultant ($15,000)
From Inter-American Development Bank and Spain's Agency for International Development Cooperation, for development and instruction of a multilingual 3-day workshop on "Risk Terrain Modeling for Crime Prevention and Risk Reduction" for Red Cono Sur de Gestión Estratégica de la Seguridad Ciudadana. 2016.

Principal Investigator ($73,944)
From the City of Atlantic City and Atlantic City Police Department, for a one-year project titled "Risk Based Policing: Field Training Program." 2015. [Also in collaboration with the Atlantic County Prosecutor's Office]

Co-Investigator ($1,000,000)
From the Office for Victims of Crimes (OVC) and the Office of Juvenile Justice and Delinquency Prevention (OJJDP) (#2015-VF-GX-K033), for a three-year project titled "West Ward Victims Outreach Services and Crime Prevention Initiative." 2015. [In collaboration with the City of Newark, NJ; $250,000 subcontract to Rutgers]

Co-Investigator ($79,420)
From the Rutgers University Chancellor's Seed Grant, for a two-year project titled "Newark LandCare – Greening Vacant Lots for a Safer, Healthier City." 2015.

Principal Investigator ($145,500)
From Rutgers University for the Initiative for Multidisciplinary Research Teams (IMRT) Award, for a two-year project titled "Forecasting Crime Emergence and Persistence" 2015.

Consultant ($40,000)
From The World Bank, for a six-month project titled "Evaluating Crime, Transport Data and Infrastructure in Bogotá." 2015.

Co-Principal Investigator ($500,000)
From the Bureau of Justice Assistance/U.S. Department of Justice, for a two-year project titled "Violent Gang and Gun Crime Reduction Program (Project Safe Neighborhoods)." 2014.

Co-Principal Investigator ($50,339)
From the Rutgers University–Newark Chancellor's Office, for a two year project titled "Rutgers Newark Campus Safety and Security Review." 2013.

Co-Investigator ($461,384)
From the National Institute of Justice (#2013-IJ-CX-0053), for a three year project titled "Policing by place: A multi-level analysis of the effectiveness of Risk Terrain Modeling for allocating police resources." 2013. [In collaboration with the New York City Police Department (NYPD)]

Co-Principal Investigator ($499,633)
From the National Institute of Justice (#2012-IJ-CX-0038), for a two year project titled "Risk terrain modeling experiment: A multi-jurisdictional place-based test of an environmental risk-based patrol deployment strategy." 2012.

Advisor/Co-Principal Investigator ($25,000)
From the National Institute of Justice, for a Graduate Research Fellowship for Doctoral Student Yasemin Gaziarifoglu (PI) titled "Identifying Risky Places for Street Robberies." 2012.

Co-Investigator ($704,827)
From the National Institutes of Health (#1R01MH096744-01A1)*,* for a five year project titled "CIT and mental health service accessibility in police encounters: Impact on outcomes of persons with SMI." 2012. [In collaboration with University of Illinois – Chicago, Temple University, and Emory University]

Consultant and Instructor ($35,000)
From the State of New Jersey, for the Targeting Violent Crime Initiative Spatial Analysis Training Course, 2012

Co-Principal Investigator ($50,000)
From the University of Calgary, for GPS Electronic Monitoring Applications Study, 2011, 2013 ext.

Principal Investigator ($188,620)
From the National Institute of Justice (NIJ). For 2 years; Project titled "Detection of Crime, Resource Deployment, and Predictors of Success: A Proposed Multi-Level Analysis of CCTV in Newark, NJ." [Award #2010-IJ-CX-0026]. 2010

Principal Investigator ($7,500)
From the Victoria Foundation. To fund a graduate student's time and travel for participation in and assistance with a GIS project that will support strategic decision-making activities at the Victoria Foundation. The PI's time and service was provided pro bono (total project is valued at $56,963). 2009

Principal Investigator ($20,000)
From the Rutgers Academic Excellence Fund. For two years; For a research project entitled "Inmates with Severe Mental Illness: Institutional Behavior, Chances for Parole and Supervision Needs in the Community." 2009

Co-Principal Investigator ($23,390)
From the UPENN Collaborative on Community Integration of Individuals with Psychiatric Disabilities. For six months; Under grant H133-B03-1109 from the National Institute on Disability and Rehabilitation Research. To examine the extent to which severe mental illness impacts parole release decisions either directly or indirectly through its association with other release factors that are considered by parole board members when deciding parole release. 2008

Principal Investigator ($117,500)
From the JEHT Foundation. For one year; To determine the effects of positive and negative victim and non-victim input on parole release decisions in New Jersey. 2007

Principal Investigator ($6,000)
University of Pennsylvania GAPSA-Provost's Award for Interdisciplinary Innovation. For three months; To study the effects of victim input on parole release decisions. 2006 (inaugural year for this grant fellowship award)

Principal Investigator ($3,300)
From the Horowitz Foundation for Social Policy. To support data collection for a pilot study to investigate the effects of victim input on parole release decisions. 2006

Principal Investigator ($500)
From Rutgers University's School of Criminal Justice. To study the effects of one-way streets on emergency vehicle response times. 2003

RESEARCH AND TECHNOLOGY COMMERCIALIZATION

Flatten App (Co-Inventor)
A place-based contact tracing and spatial risk assessment app developed to protect first responders from COVID-19. 2020. [Rutgers Press Release: https://research.rutgers.edu/news/rutgers-researchers-develop-app-protect-first-responders-covid-19]

RTM Training & Continuing Education Program (Co-Developer/Lead Instructor)
An all-inclusive resource for online RTM training and RTMDx software-as-a-service. Developed for and maintained by the Rutgers Center on Public Security. 2018.

Registered Trademarks (Inventor)
Issued by the U.S. Patent and Trademark Office for "RTMDx" (Serial No. 87610757) and "3D Square Design" (Serial No. 87610760). 2017. [based on original research at Rutgers University]

Provisional Patent (Inventor)
Filed with the U.S. Patent and Trademark Office for "Risk Terrain Modeling Diagnostics". December 7, 2015. (Serial No. 62/263,794)

RTMDx 1.5 (Inventor & Project Manager)
Updated cloud-based software-as-a-service (SaaS) for Risk Terrain Modeling (RTM) and Spatial Crime Vulnerability Diagnostics. Developed at Rutgers University School of Criminal Justice, 2016.

RTMDx 1.0 (Inventor & Project Manager)
Software utility for Risk Terrain Modeling (RTM) and Spatial Crime Vulnerability Diagnostics. Initially funded with a $36,000 investment from the Rutgers University School of Criminal Justice, 2012.

Risk Terrain Modeling Training & Certification Webinar (Co-Developer/Lead Instructor)
An online workshop developed, implemented, and maintained by the Rutgers Center on Public Security. Initially funded, in part, by a $2,600 grant from the Dean's Research Fund, 2011.

SERVICE

TO THE ADVANCEMENT OF THE ACADEMIC PROFESSION
- *Co-Editor* for Special Topic Issue in *Frontiers in Psychology: "Using Evidence Based Analytics to Create Narratives for Police Decision Making"* in *Frontiers in Psychology* [Launched February 2020: https://www.frontiersin.org/research-topics/11892/using-evidence-based-analytics-to-create-narratives-for-police-decision-making]
- *Peer Reviewer* for grant application received by the Social Sciences and Humanities Research Council of Canada, Ottawa, ON; 2019
- *External Reviewer* for university tenure/promotion review cases *(ad hoc)*
- *Editorial Board Member* for *Journal of Technology and Crime,* a peer-reviewed criminological journal with a broad technology-centered focus; 2015 – 2016
- *Editorial Board Member* for *Criminology, Criminal Justice, Law & Society,* a peer-reviewed transdisciplinary journal of scholarly inquiry, policy, practice, and pedagogy. CCJLS is the official journal of the Western Society of Criminology; 2013 – present
- *Editorial Board Member* for the *Journal of Intelligence & Analysis,* a peer-reviewed scholarly publication that strives to "bridge the gap" between academic research and the practical techniques employed by criminal research specialists and intelligence experts; 2012 – present
- *Peer Reviewer* for Grant Applications Received by the National Institute of Justice, U.S. Department of Justice, Washington, DC, 2010
- *External Doctoral Dissertation Committee Member*: Renee Gobeil, "Understanding Parole Recommendations: The Contribution of Parole Officers." Department of Psychology, Carleton University
- *External Doctoral Dissertation Committee Member*: Katie Hail-Jares, "What We Talk About When We Talk About Parole: Incarcerated Men's Individual and Communal Strategies for Community Reentry." Department of Justice, Law and Criminology, American University
- *Ad Hoc Peer Reviewer* for: *Criminal Justice Review; Criminal Justice and Behavior*; *Journal of Applied Geography*; *Journal of Research in Crime and Delinquency*; *Journal of Quantitative Criminology*; *Justice Quarterly*; *Crime and Delinquency*; *Proceedings of the National Academy of Sciences*; *Policing and Society*; *Criminology*; *Population and Environment*; *Journal of Experimental Criminology; European Journal of Criminal Justice; Journal of Criminal Justice; Entropy; PLOS One; Security Journal.*

TO GOVERNMENTS AND OTHER PUBLIC BODIES
- *Advisory Board Member* of the CREST Project [a consortium of academia, research centers, corporations and government agencies across Europe focused on fighting crime and terrorism with an ecosystem of operations, intelligence and investigation technologies]; Funded by the European Commission, Horizon 2020, Secure Societies program (H2020-SU-FCT02-2018)
- *Consultant* (pro bono) to Kansas City Police Department (Kansas City, MO); For crime analysis and policing operations; 2018
- *Consultant* (pro bono) to Austin Police Department (Austin, TX); For crime analysis and policing operations; 2018
- *Consultant* (pro bono) to Linwood School District (Atlantic County, New Jersey); For emergency action planning; 2017 [Board of Education approved and authorized volunteer]
- *Member* of The City of Linwood Zoning Board of Adjustment; September 2016 – 2018
- *Consultant* (pro bono) to Hamilton Township School District (Atlantic County, New Jersey); For emergency action planning; 2015 [William Davies Middle School]

- *Board Member* of JFS of Atlantic and Cape May Counties in New Jersey, a multi-service family counseling agency dedicated to promoting, strengthening and preserving individual, family, and community well-being for people of all races, religions and ethnicities; 2015 – present. *Chairperson* of Planning Committee; 2016 – 2021. *Vice President*; 2017 – 2021. *President*; 2021 – present
- *Consultant* (pro bono) to Egg Harbor Township (New Jersey) Police Department; For spatial analysis and crime risk perception study via smartphone/mobile app; 2015 - 2016
- *Consultant* (pro bono) to Pleasantville (New Jersey) Police Department; For crime analysis and risk reduction strategies; 2015
- *Consultant* (pro bono) to Milton & Betty Katz JCC (Margate, New Jersey); For security audit, safety review, and emergency action planning; 2014
- *Consultant* (pro bono) to Fayetteville (North Carolina) Police Department; For spatial risk analysis and intervention planning; 2013 – 2015
- *Consultant (pro bono)* to Kensington Renewal, Philadelphia, PA; For a project to empirically validate the program's core assumptions about vacant properties and gun shootings; 2012
- *Webinar Instructor (pro bono)* to International Association of Crime Analysts, iaca.net; for spatial crime analysis techniques; 2011 – 2013
- *Consultant (pro bono)* to Victoria Foundation, Glen Ridge, NJ; For GIS-related issues; 2009 – 2011
- *Consultant (pro bono)* to PICO-Philadelphia [PICO stands for People Improving Communities through Organizing], Philadelphia, PA; For GIS map production; 2010
- *Consultant* (pro bono) to Newark Police Department CompStat Unit, Newark, NJ; For crime analysis and GIS related issues; 2008 – 2012
- *Consultant* (pro bono) to Northfield (New Jersey) Police Department; For GIS and crime mapping; 2008-2013
- *Advisor (pro bono)* to the New Jersey State Parole Board, Office of Policy & Planning, Trenton, NJ; For internal and external research projects and policy development, particularly with regard to GIS; 2007 – 2011
- *Member* of GAPSA-Provost Interdisciplinary Innovation Award Selection Committee, University of Pennsylvania, Philadelphia, PA; Reviewed and selected research grant proposals for awards totaling $36,000; 2007
- *Elected Co-Chair* of Doctoral Student Steering Committee, School of Social Policy and Practice, Philadelphia, PA; 2006 – 2007
- *Consultant (pro bono)* to Preservation Alliance, Philadelphia, PA; For a needs assessment and feasibility review for the utilization of workstation and online GIS mapping applications; 2006
- *Board Member* to Division of Public Safety Advisory Board, Philadelphia, PA; To advised the Vice President of Public Safety on the strategic direction of the Division—including police, fire, and EMS; To educate the community about programs and services; To respond to community concerns regarding policing, safety and security; 2005 – 2008

TO RUTGERS UNIVERSITY
- *Member,* School of Criminal Justice Scheduling Committee; 2020 – present
- *Member,* School of Criminal Justice Hiring Committee; ad hoc, multiple years
- *Faculty Associate,* New Jersey Gun Violence Research Center; 2019 – 2020
- *Faculty Advisor,* Newark Public Safety Collaborative; 2019 – present
- *Co-Exec. Director,* SCJ-Chancellor's Newark Anchor Initiative; 2018 – present
- *Member,* School of Criminal Justice Qualifying Exam Committee; 2018 – present
- *Director*, School of Criminal Justice Master Program; *Chair,* MA Committee; 2017 – present
- *Faculty Affiliate,* The Rutgers-Newark Center on Youth Violence and Juvenile Justice; 2015 – present
- *Member,* School of Criminal Justice Tenure and Promotions Committee; 2015 – present
- *Member,* School of Criminal Justice Grants and Funding Committee; 2014 – 2017
- *Member,* School of Criminal Justice PhD/Doctoral Studies Committee; 2014 – 2016
- *Member,* School of Criminal Justice Undergraduate Committee; 2014 – 2015, 2016 – 2017
- *Member, Search Committee for Dean of the* School of Criminal Justice; 2013 – 2014
- *Member,* School of Criminal Justice Masters Committee; 2012 – 2014
- *Member,* School of Criminal Justice Undergraduate Committee; 2009/2010, 2011/2012
- *Board Member*, Rutgers-Newark Council on Community Based Learning; 2010 – 2011
- *Member*, School of Criminal Justice Executive Masters Program Development Committee, Newark; 2010-2011
- *Member and Chair of Working Group "CBL fellowships, other programs, and external support*," Community-Based Learning Committee, Rutgers University, Newark, (An ad hoc committee formed by the Chancellor to examine community-based learning at Rutgers-Newark and tasked to recommend ways in which RU-N can facilitate these activities and make them as effective as possible); 2010

- *School of Criminal Justice Representative and Elected Executive Cabinet Member*, Newark Faculty Council, Rutgers University, Newark; 2009-2010
- *Member*, Dean's Research Grants Review Committee, School of Criminal Justice, Newark; 2009
- *Advisory Committee Member*, Cornwall Center for Metropolitan Studies; 2009 – 2011
- *Member*, Instructional Computing Initiative (ICI) Committee, Rutgers University, Newark; 2008 – 2011

PRESENTATIONS

KEYNOTE OR PLENARY ADDRESSES
- *Research, Policies and Practices for Understanding and Mitigating Crime Risks.* International Conference on Crime Risk Analysis, Elche, Spain, June 2019.
- *Actionable Spatial Intel with Risk Terrain Modeling.* International Association of Professional Security Consultants, Miami, FL, May 2019.
- *Integrating Data for Spatial Risk Assessments.* Camden Coalition of Healthcare Providers, Camden, NJ, January 2015.
- *Thinking Spatially about Crime and Chronic Illegal Behavior Settings.* New York State Geospatial Summit, Skaneateles, NY, October 2014.
- *Risk Terrain Modeling for Public Safety: Implications and Applications in Contemporary Policing*, International Summit on Scientific Criminal Analysis, Santiago, Chile, April 2014, with E. Piza and L. Kennedy.
- *Parole Release Decisions: Impact of Victim and Non-victim Input on Parole-Eligible Inmates*, Prisoner Reentry Institute Occasional Series on Reentry Research, New York, NY, November 2010.
- *Research Transition at the Frontier - Integrating Theory, Data Collection and Analysis in Decision Making*, Department of Homeland Security Research Transition Workshop, Maryland Coordination Analysis Center, Woodlawn, MD, October 2009, with L. Kennedy and C. Adreychak.
- *GIS Mapping for Prisoner Reentry*, U.S. Department of Labor's Prisoner Reentry Initiative Grantees Meeting, Arlington, VA, November 2008.
- *Trends in Parole Release: Results of an International Survey of Paroling Authorities,* 24th Annual Training Conference of the Association of Paroling Authorities International, Louisville, KY, April 2008, with S. Kinnevy.

INVITED ADDRESSES
- *Risk Terrain Modeling for Risk-Based Policing.* Ontario Association of Chiefs of Police, Cambridge Centre for Evidence-based Policing, and New Jersey State Association of Chiefs of Police 2022 Evidence-Based Policing: "The Evidence Will Move You II" Virtual Conference, Online, February 15-18, 2022.
- *Risk-Based Policing for Crime Prevention, Community Engagement and Public Safety.* Wisconsin Law Enforcement Analyst Network webinar, Online, January 27, 2022.
- *Combining Data and Community Resources to Reduce Crime at Risky Places.* KTH Royal Institute of Technology (Sweden), Risky Places for Crime – Safeplaces Network Seminar Series, Online, November 4, 2021.
- *Actionable Spatial Intel with Risk Terrain Modeling.* University of Miami, Department of Public Health Sciences Division of Biostatistics Joint Seminar, Online, October 28, 2021, with Leslie Kennedy.
- *The Newark Public Safety Collaborative.* Moving the Needle: Gun Violence Prevention Virtual Conference, Thematic Panel Session (What Works Elsewhere: No Young Person is a Lost Cause), St. Christopher's Hospital for Children, Philadelphia, PA, October 1, 2021.
- *Spatial Risk Analysis for Opioid Overdose Prevention and Treatment (lecture and workshop).* University of Miami, Department of Public Health Sciences Biostatistics Seminar, Miami, FL, April 29-30, 2020, with Leslie Kennedy. [Cancelled due to COVID-19]
- *Community Engagement and Crime Prevention with Risk-Based Policing: Real Data, Real Results.* Justice Clearinghouse and American Society of Evidence-Based Policing webinar series, June 18, 2020, with Jonas Baughman.
- *Risk Terrain Modeling, Risk-Based Policing, Risk Reduction and Crime Prevention.* Tennessee Association of Law Enforcement Analysts (TALEA) Annual Training Conference, Memphis, TN, October 22, 2018.
- *Risk-Based Policing with Risk Terrain Modeling.* American Society of Evidence-Based Policing Annual Conference, Philadelphia, PA, May 22, 2018, with Deputy Chief James Sarkos (ACPD).
- *Crime Analysis and Forecasting: Intelligence Led Policing,* United States Postal Inspection Service (USPIS) General Analyst Program Regional Training Summit, Newark, NJ, May 3, 2018.
- *Spatial Intel with Geographic Information Systems and Risk Terrain Modeling.* Federal Bureau of Investigations (FBI), Newark, NJ, January 31, 2018.

- *Pronóstico Para La Prevención De La Delincuencia Y La Violencia,* National Analysts' Network for Public Security International Seminar on Evidence-Based Policing, Mexico City, Mexico, November 2017, with Alejandro Gimenez-Santana and Leslie W. Kennedy.
- *Actionable Spatial Intel with Next-Gen Risk Terrain Modeling.* International Association of Crime Analysts Annual Meeting, New Orleans, LA, September 2017, with L. W. Kennedy and Grant Drawve.
- *Risk Terrain Modeling.* The Criminal Justice Coordinating Council Bridging Research to Practice Series, Washington, D.C., May 2017, with Leslie W. Kennedy.
- *Risk Terrain Modeling: Applications in Crime, Violence, Health and Healthcare. Greater Newark Healthcare Coalition, Public Health Symposium, September 27, 2016.*
- *Risk Terrain Modeling: A Primer. International Association of Crime Analysts and National Institute of Justice Annual Training Conference, Louisville, KY, September 2016, with Leslie W. Kennedy and Jeremy Barnum*.*
- *Using Risk Terrain Modeling to Understand the Relationship Between Crime and the Built Environment in Bogotá, Colombia. The World Bank, Innovations in Big Data Analytics symposium, Washington, D.C., February 5, 2016, with L. W. Kennedy and A. G. Santana.*
- *Crime Prediction Using Risk Terrain Modeling: Thinking Spatially About Crime and Behavior Settings. 5th International Conference on Crime Observation and Criminal Analysis, Mexico City, Mexico, November 4, 2015, with L. W. Kennedy and E. L. Piza. [Organized by the Ministry of the Interior in Mexico, in collaboration with France, U.S.A., and other international governments and organizations]*
- *Thinking Spatially About Crime and Illegal Behavior Settings. Penn Institute for Urban Research, MUSA Lunch Series, Philadelphia, PA, February 6, 2015.*
- *Risk Terrain Modeling and Plan4Safety. Region #7 Traffic Officers Association Meeting, Egg Harbor Township, NJ, January 21, 2015.*
- *Risk Terrain Modeling and Hot Spots Policing. State of New York Division of Criminal Justice Services, Gun Involved Violence Elimination Symposium, Saratoga Springs, NY, December 5, 2014, with E. L. Piza and L. W. Kennedy.*
- *Sustainability at its Worst: Crime and Chronic Illegal Behavior Settings. Mathematics of Planet Earth: Workshop on Sustainable Human Environments, New Brunswick, NJ, April 2014.*
- *Risk Terrain Modeling for Public Safety.* The White House Safety Datapalooza, Washington, D.C., January 14, with L. Kennedy and E. Piza.
- *Predictive Analytics – Theories and Practice (The Current State of NIJ Funded Research).* International Association of Chiefs of Police (IACP) Conference and Law Enforcement Education and Technology Exposition, Philadelphia, PA, October 2013, with L. Kennedy and E. Piza.
- *Risk Terrain Modeling for Tactical Deployments and Risk-Based Intervention Strategies.* International Association of Crime Analysts Annual Meeting, Henderson, NV, September 2012.
- *Risk Terrain Modeling: An Introduction and Live Demonstration.* International Association of Crime Analysts Annual Meeting, Henderson, NV, September 2012.
- *Risk Terrain Modeling for Strategic Decision-Making and Tactical Police Deployments,* Hebrew University, Criminology Institute, Jerusalem, Israel, May 2012.
- *Risky Places and the Spatial Influences of Crime Correlates*, National Institute of Justice Annual Conference, Arlington, VA, June 2012.
- *Risk Terrain Modeling: Using Basic GIS Functionality for Spatial Risk Assessment and Event Forecasting,* Rutgers University DIMACS/CCICADA Interdisciplinary Series, Piscataway, NJ, April 2011.
- *Forecasting Global Maritime Piracy Locations,* Symposium on Emergent Threats in the 21st Century, Rutgers University Division of Global Affairs, Newark, NJ, March 2010, with William Moreto.
- *Risk Terrains: Theoretically- and Empirically-Grounded Spatial Models for Strategic Decision-Making,* University of Pennsylvania School of Medicine Research-in-Progress Seminar, Philadelphia, PA, March 2010.
- *Risk Terrain Modeling: Spatial Risk Assessment for Crime Analysis and Policing Operations,* 3ème conférence internationale sur l'observation de la criminalité (3rd International Conference on the Observation of Crime), Montréal, Canada, October 2010.
- *Drug Arrests, Shootings and Gang Residences in Irvington: An Exercise in Data Discovery*, Threat Assessments Conference: Innovations and Applications in Data Integration and Analysis, New Jersey's Regional Operations Intelligence Center, West Trenton, NJ, February 2009.
- *Parole Release Decisions in New Jersey: The Impact of Public Input and the Needs of People who Provide It*, Cornwall Center Seminar, Rutgers University, Newark, NJ, March 2009.
- *Geographic Risk Assessments for Violent Crime Forecasting and Tactical Police Responses*, Chancellor's Annual Research Day, Rutgers University, Newark, NJ, April 2009.

- *Criminogenic Spatial Modeling: Brokering Criminological Theory and GIS Methods for Tactical Police Decision-Making*, Avencia, Inc., Innovative Geographic Solutions (now Azavea), Philadelphia, PA, June 2009.
- *The Importance of GIS for Decision Support and Public Data Dissemination,* Invitation-only panel presentation and forum to John P. Walters, Director, U.S. Office of National Drug Control Policy, at the University of Pennsylvania School of Social Policy & Practice, Philadelphia, PA, July 2006.
- *GIS and Web-Based Mapping Applications for Community Planning and Research,* National Institute of Justice (NIJ) Mapping and Analysis for Public Safety (MAPS) Program Eighth Annual Crime Mapping Research Conference, Savannah, GA, September 2005.

OTHER INVITED PROFESSIONAL ENGAGEMENTS
- *Guest, NIRO Knowledge episode 10 "Dr. Joel Caplan", April 1, 2020* [Archived at https://www.podbean.com/eu/pb-zi9yk-e208e2]
- *Guest, Loss Prevention Research Council's 'Crime Science' episode 27 "Using Risk Terrain Modeling to Focus Crime Reduction", 2019* [Archived at https://www.iheart.com/podcast/256-crimescience-31104599/episode/episode-27-using-risk-terrain-46836550]
- *Guest, School of Batman episode "The Formation of Batman, Inc.", 2018* [a weekly podcast that discusses applications of academic research to help Batman fight crime. Archived at https://soundcloud.com/schoolofbatman/the-formation-of-batman-inc-joel-caplan]
- *Presenter, "Adding Geospatial Context to 'Big Data' with Risk Terrain Modeling." Justice Research and Statistics Association (JRSA)*, Online Webinar Presentation, October 4, 2017. Archived at http://www.jrsa.org/webinars/index.html#rtm
- *Presenter, "Beyond the Manual: Technology Training in the Age of Transparency." Mark43*, Online Panel Presentation [Webinar], August 30, 2017. Archived at https://youtu.be/BbH6OOy6Tfs
- *Featured in,* 'Breakthrough: Predicting the Future' (Season 2, Episode 3), National Geographic Channel, Spring 2017. Archived at http://channel.nationalgeographic.com/breakthrough-series/videos/predicting-the-future1/
- *Presenter, "Focus on Places, Not People, to Prevent Crime."* TEDxStocktonUniversity, Galloway, NJ, March 2016.
- *Presenter/Instructor,* "Crime and Risk Reduction Strategies with RTM." A training workshop for Northern Ohio Violent Crime Consortium, Akron, OH, August 2015. [HALF-DAY WORKSHOP]
- *Presenter/Instructor,* "Risk Terrain Modeling." New York State Crime Analysis Training Symposium, by NYS Division of Criminal Justice Services, Rochester, NY, June 2015. [HALF-DAY WORKSHOP]
- *Presenter/Instructor, "Risk Terrain Modeling and the Spatial Dynamics of Crime."* Sacramento Police Department and the Sacramento Threat Assessment Center/Central California Intelligence Center, Sacramento, CA, November 2014. [FULL-DAY WORKSHOP]
- *Presenter/Instructor, "Risk Terrain Modeling for Spatial Risk Assessment."* Shawnee Police Department, Shawnee, KS, July 2014. [FULL-DAY WORKSHOP]
- *Guest,* "BrianLehrer.TV" City University of New York (CUNY) Television show, with Brian Lehrer. Archived at http://youtu.be/zneVzt8JL8I
- *Presenter/Instructor*, "Risk Terrain Modeling for Spatial Risk Assessment." North Carolina Gang Investigators Association, Crime and Intelligence Analyst Symposium, Greensboro, NC, August 2013. [TWO-DAY WORKSHOP]
- *Presenter,* "Crime Analysis and Crime Mapping," Essex County Prosecutor's Office Summer Internship Program, Newark, NJ, July 2013. [This annual luncheon for high school students who are interested in a career in criminal justice was hosted by the Police Institute at Rutgers University].
- *Presenter,* "Stranger Danger and Child Safety Education for Parents," Milton & Betty Katz JCC, Margate, NJ, January 2013.
- *Guest,* "Crime Analysis on Tap." Online, Internet Talk Radio Show, with Dr. Kevin Bryant. Archived at http://www.blogtalkradio.com/dr-b-online/2012/06/08/crime-analysis-on-tap-joel-caplan
- *2-Day Workshop Instructor*, "Risk Terrain Modeling for Spatial Risk Assessment." National Institute of Justice (NIJ) Mapping and Analysis for Public Safety (MAPS) Program Eleventh Annual Crime Mapping Research Conference – Preconference Training, Miami, FL, October 2011.
- *3-Hour Workshop Instructor*, "Risk Terrain Modeling for Spatial Risk Assessment." International Association of Crime Analysts Annual Meeting, Hyannis, MA, September 2011.
- *8-Hour Workshop Instructor*, "Risk Terrain Modeling for Spatial Risk Assessment." John Jay College of Criminal Justice, Prisoner Reentry Institute, New York, NY, May 2011.
- *3-Hour Workshop Instructor*, "Risk Terrain Modeling Workshop: The Steps of Spatial Risk Assessment." 3ème conférence internationale sur l'observation de la criminalité (3rd International Conference on the Observation of Crime), Montréal, Canada, October 2010.
- *Interviewee,* "GIS Mapping and Research at the Rutgers Center on Public Security," Breakfast at the Barracks (a television talk show produced by the Rutgers University Division of Continuing Studies), Piscataway, NJ, February 2010.

- *Panelist,* "Food Borne Illness Bioterrorism Case Study and Panel Discussion," Public Health Program and Public Health Society at The Richard Stockton College of New Jersey, Pomona, NJ, April 2009. (Broadcast on Comcast Cable TV Channel 9).
- *Presenter, "*When Seconds Feel Like Hours: What You Should Know About Emergency Medical Responses," Breakthru Physical Therapy and Everfit Wellness Center, Medford, NJ, May 2005.

CONFERENCE PRESENTATIONS

- *Data-Informed Community Engagement (DICE) for Crime Prevention and Public Safety.* American Society of Evidence-Based Policing 5th Annual Conference, Online, Columbia, SC, August 28-29, 2021, with Alejandro Santana and Leslie Kennedy.
- *Government-Nonprofit Partnerships for Public Safety: Enhancing Accountability through Evidence Based Policing.* Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA) 49th Annual Conference, convened virtually, November 11-13, 2020, with Alexis Kennedy, Alejandro Gimenez-Santana and Leslie Kennedy.
- *Addressing Social Disorder and Promoting Coproduction: The Newark Public Safety Collaborative.* American Society for Criminology Annual Meeting, Washington, DC, November 2020, with Leslie Kennedy and Alejandro Gimenez-Santana. [Cancelled due to COVID-19]
- *Risk Terrain Modeling Accurately Predicts Individuals at Geospatial Risk of Gun Shot Wounds.* Health Alliance for Violence Intervention Annual Meeting, Virtual, September 2020, with Stephanie Bonne, Bernadette Hohl, Michael Osterman, Ann Tufariello and Alejandro Gimenez-Santana*.*
- *Data-Informed Community Engagement and Crime Prevention with Risk-Based Policing.* American Society of Evidence-Based Policing Annual Conference, Washington, DC, June 1-2, 2020, with Captain Jonas Baughman (KCPD). [Cancelled due to COVID-19]
- *Mapping Food Access and Related Risk Factors in Forecasting Social Disorder.* American Society for Public Administration's 81st Annual Conference, Anaheim, CA, April 6, 2020, with Alexis Kennedy, Leslie Kennedy and Alejandro Santana. [Cancelled due to COVID-19]
- *Factors Influencing Homicide Closure Rates: An RTM Study of Data from New York City*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2019, with Leslie Kennedy, Eric Piza and Amanda Thomas.
- *Developing a Geospatially-Informed Approach to Prosecution, Community Engagement, and Criminal Justice Reform*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2019, with Oren Gur, Dakota Fisher, Wes Weaver, Zidu Chao, Jorge Zambrana, Karli Libbey, Michael Hollander, and Moshe Berman.
- *Predicting Risk of Terrorist Attacks Using RTM in Tandem with Remote Sensing Data*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2019, with Christine Neudecker and Leslie Kennedy.
- *Revisiting County-Level Predictors of Terrorist Activity in the US: Bridging Environmental Criminology and Social Disorganization Together with Conjunctive Analysis*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2019, with Grant Drawve, Jeff Gruenewald, Leslie Kennedy and Brent Smith.
- *Design and Implementation of a Risk-Based Policing Strategy in Kansas City, Missouri*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2019, with Jonas Baughman.
- *The Nexis Between Contexts of Crime Risk and Socioeconomic Disadvantage on the Rates of Violent Crime Victimization in the City of Chicago*, European Society of Criminology Annual Conference, Ghent, Belgium, September 2019, with Alejandro Gimenez Santana and Leslie Kennedy.
- *Risky Places and Police Intervention: Deploying Risk Terrain Modeling to Combat Crime in Atlantic City*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2018, with Christine Neudecker, Leslie Kennedy and Grant Drawve.
- *Using Risk Terrain Modeling and Conjunctive Analysis of Case Configurations to Predict Initiator and Near Repeat Events in Spatiotemporal Crime Patterns of Street Robbery*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2018, with Shun Feng, Eric Piza and Leslie Kennedy.
- *Crime Prevention and Risk Reduction with Risk Terrain Modeling,* International Association of Crime Analysts (IACA) and California Crime & Intelligence Analysts (CCIAA) Training Conference, Newport Beach, CA, September 2018, with Alejandro Gimenez-Santana and Leslie W. Kennedy.
- *Predictive Analytics For Surgical Outcome Stratification In Epilepsy*, American Epilepsy Society Annual Meeting, Washington, D.C., December 2017, with Pue Farooque, Leslie W. Kennedy, Dennis D. Spencer, and Katie Bandt.
- *Socio-Economic Stratification and Violent Crime: A Place-Based Approach to Neighborhood Crime Rates in Bogota, Colombia,* European Society of Criminology Annual Conference, Cardiff, United Kingdom, September 2017, with Alejandro Gimenez-Santana* and Leslie W. Kennedy
- *Actionable Spatial Intel with Next-Gen Risk Terrain Modeling*, International Association of Crime Analysts Annual Training Conference, New Orleans, LA, September 2017, with Grant Drawve and Leslie W. Kennedy.

- *Socio-economic Stratification and Violent Crime: A Place-Based Approach to Neighborhood Crime Rates in Bogota, Colombia*, American Society for Criminology Annual Meeting, Philadelphia, PA, November 2017, with *Alejandro Giménez-Santana**, Leslie W. Kennedy and Grant Drawve.
- *Actionable Spatial Intel with Next-Gen Risk Terrain Modeling and ArcGIS*, American Society for Criminology Annual Meeting, Philadelphia, PA, November 2017, with Leslie W. Kennedy.
- *Comparing Composite Dependent Variables to Individual Dependent Variables using Risk Terrain Modeling*, American Society for Criminology Annual Meeting, Philadelphia, PA, November 2017, with Henri Buccinne-Schraeder* and Paul Boxer.
- *Actionable Spatial Intel with Next-Gen Risk Terrain Modeling and ArcGIS,* Esri International User Conference, San Diego, CA, July 2017, with Leslie Kennedy.
- *Risk Terrain Modeling in Action: Case Studies of Crime Prevention and Risk Reduction*, International Association of Crime Analysts and National Institute of Justice (NIJ) Annual Training Conference, Louisville, KY, September 2016, with Leslie Kennedy and Jeremy Barnum.
- *Vehicle Theft in Colorado Springs: An Evidence-base Intervention using Risk Terrain Modeling,* Academy of Criminal Justice Sciences, Denver, CO, March/April 2016, Leslie W. Kennedy and Eric L. Piza.
- *Differences in Risk of Arrest and Non-Arrest for Violent Crime in Jersey City, NJ*, American Society for Criminology Annual Meeting, New Orleans, LA, November 2016, with Henri Buccine-Schraeder*, Joanna Kubik*, and Paul Boxer.
- *Are You Safe? Comparing Individuals' Perceptions with Actual Crime Risk*, American Society for Criminology Annual Meeting, New Orleans, LA, November 2016, with Jeremy Barnum*, Phillip Marotta*, and Leslie Kennedy.
- *Integrated Environmental and Personal Crime Prevention in a Complex Urban System: Challenges and Prospects (poster)*, American Society for Criminology Annual Meeting, New Orleans, LA, November 2016, with Paul Boxer, Grant Drawve, Henri Buccine-Schraeder*, Joanna Kubik*, Meagan Docherty, Adam Doyle, and Carolina Herrera.
- *Using Risk Terrain Modeling to Test the Effect of Disaggregate Liquor Establishment Types on Street-Robbery in New York City*, American Society for Criminology Annual Meeting, New Orleans, LA, November 2016, with Shun Feng, Eric Piza and Leslie Kennedy.
- *The Money Spots: ATMs and their Spatial Influence on Street Crimes*, American Society for Criminology Annual Meeting, Washington, D.C., November 2015, with Henri Buccinne-Schraeder*, Joanna Kubik*, and Paul Boxer.
- *Using Spatial Risk Assessment to Understand the Environmental Risk Factors for Residence Location among Registered Sex Offenders. International Association of Chiefs of Police (IACP) Annual Conference and Exposition, Chicago, IL, October 2015, with H. Schraeder and J. Barnum.*
- *The Financial Implications of Merging Proactive CCTV Monitoring & Directed Police Patrol: A Cost-Benefit Analysis*, Academy of Criminal Justice Sciences Annual Meeting, Orlando, FL, March 2015, with Andrew Gilchrist, Eric Piza, Leslie Kennedy and Brian O'Hara.
- *Spatial Correlates of Motor Vehicle Thefts and Recoveries in Colorado Springs: The Joint Importance of Land Use and Demographic Data*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2014, with Shun Feng, Eric Piza and Leslie Kennedy.
- *Sex Offender Buffer Zones: Are They Really Protecting the Children?* American Society for Criminology Annual Meeting, San Francisco, CA, November 2014, with Henri Buccine-Schraeder and Kristen Zgoba.
- *An Analysis of the Criminogenic Spatiotemporal Influences of Land Use Features on Street Robberies with RTM*, American Society for Criminology Annual Meeting, San Francisco, CA, November 2014, with Yasemin Irvin-Erickson, Leslie Kennedy, and Eric Piza.
- *Intel for Officer Safety: Spatial and Situational Risks of Battery/Assault to Police Officers*, International Association of Crime Analysts Annual Training Conference, Seattle, WA, September 2014, with Joseph Candella and Phil Marotta.
- *Applying Risk Terrain Modeling (RTM) to Crime Analysis and Intervention*, European Society of Criminology Annual Conference, Prague, Czech Republic, September 2014, with Leslie Kennedy and Eric Piza.
- *The Voice of Victims at Parole: Identifying the Utility of Victim Input to Parole Boards*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2013, with Heather Tubman-Carbone and Johnna Christian.
- *Testing the Cross-Jurisdictional Influence of Attractors and Generators of Crime in the Urban Environment*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2013, with Jeremy Barnum, Leslie Kennedy, and Eric Piza.
- *Applications of the RTMDx Utility and Risk Based Deployment Strategies*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2013, with Leslie Kennedy and Eric Piza.
- *Risk Terrain Modeling (RTM) w/ the RTMDx Utility*, American Society for Criminology Annual Meeting, Atlanta, GA, November 2013, with Leslie Kennedy and Eric Piza.
- *Risk Terrain Modeling for Tactical and Strategic Policing Operations,* Esri International User Conference, San Diego, CA, July 2013, with Leslie Kennedy and Eric Piza.

- *Identifying Risky Places for Street Robberies: A GIS Based Analysis of the Time Geographical Vulnerability to Street Robbery Emergence*, International Crime and Intelligence Analysis Conference, Manchester, England, December 2012, with Yasemin Gaziarifoglu and Leslie Kennedy.
- *Vulnerability and Exposure to Crime: Developing and Testing a Theory of Risky Places*, American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Leslie Kennedy and Eric Piza.
- *Using Risk Terrain Modeling Methods to Assess the Spatial Distribution of Aggravated Assaults at Micro-Level Places Following a Place-Based Intervention*, American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Leslie Kennedy and Jonas Baughman.
- *Testing the Effect of a Dedicated Team of Patrol Units Dispatched by Video Surveillance Operators: A Randomized Control Trial,* American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Eric Piza and Leslie Kennedy.
- *Robbery Risk as a Co-Function of Place and Time,* American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Yasemin Gaziarifoglu and Leslie Kennedy.
- *Investigating Place-Based Perceptions of Risk,* American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Eon Gyung and Leslie Kennedy.
- *A Microspatial Analysis of Sex Offenses: Risk Terrain Modeling in Alberta, Canada*, American Society for Criminology Annual Meeting, Chicago, IL, November 2012, with Leslie Kennedy, Erin Van Brunschot, and Yasemin Gaziarifoglu.
- *Is Punishment More Certain? Assessing Police Response to Criminal Incidents Detected by CCTV*, Academy of Criminal Justice Sciences Annual Meeting, New York, March 2012, with Eric Piza and Leslie Kennedy
- *Joint Utility of Event-Dependent and Environmental Crime Analysis Techniques for Violent Crime Forecasting*, Association of American Geographers Annual Meeting, New York, February 2012, with Leslie Kennedy and Eric Piza.
- *'A Plague on Both Your Houses': Risks, Repeats and Reconsiderations of Urban Residential Burglary*, American Society for Criminology Annual Meeting, Washington, DC, November 2011, with William Moreto and Eric Piza.
- *The Collateral Consequences of Incarceration and Prisoner Reentry: An Analysis of Non-Victim Input to Parole Boards*, American Society for Criminology Annual Meeting, Washington, DC, November 2011, with Johnna Christian and Heather Tubman-Carbone.
- *Technical Steps of Risk Terrain Modeling: Live Demonstration*, American Society for Criminology Annual Meeting, Washington, DC, November 2011.
- *Risk Terrains and Crime Emergence*, American Society for Criminology Annual Meeting, Washington, DC, November 2011, with Leslie Kennedy.
- *Identifying Best Places for CCTV Placement: An Analysis of Micro-level Environmental Features*, American Society for Criminology Annual Meeting, Washington, DC, November 2011, with Eric Piza and Leslie Kennedy.
- *Countering the Threat of Terrorism: Applying Risk Terrain Modeling to Turkish Cities*, American Society for Criminology Annual Meeting, Washington, DC, November 2011, with Danielle Rusnak, I.S. Eldivan, and Leslie Kennedy.
- *Risk Terrain Modeling for Spatial Risk Assessment*. National Institute of Justice (NIJ) Mapping and Analysis for Public Safety (MAPS) Program Eleventh Annual Crime Mapping Research Conference, Miami, FL, October 2011.
- *Risk Clusters, Hotspots, and Near Repeats: Risk Terrain Modeling as an Algorithm for Police Resource Allocation Strategies,* Association of American Geographers Annual Meeting, Seattle, WA, April 2011, with Leslie Kennedy and Eric Piza.
- *Assessing the Influence of Environmental Risk on Parole Failure*, American Society for Criminology Annual Meeting, San Francisco, November 2010, with Joel Miller.
- *An Exploration of Opportunities for Gun Shooting in an Urban Environment*, American Society for Criminology Annual Meeting, San Francisco, November 2010, with Jie Xu and Leslie Kennedy.
- *Discovering Opportunities for Early Police Intervention: An Analysis of Shooting Incidents Captured on CCTV*, American Society for Criminology Annual Meeting, San Francisco, November 2010, with Eric Piza and Leslie Kennedy.
- *Risk terrain modeling: Brokering theory and GIS methods for strategic decision making and tactical action*, Association of American Geographers Annual Meeting, Special Session on Crime Modeling and Mapping, Washington, DC, April 2010, with Leslie Kennedy.
- *Risk Terrains: Theoretically- and Empirically-Grounded Spatial Models for Tactical Decision-Making*, ESRI International User Conference, Session on Strategic Analysis for Fighting Crime, San Diego, July 2010, with Leslie Kennedy.
- *Risk Terrain Modeling: A Spatial Approach to Risk Assessment for Crime Analysis and Policing Operations*, 2010 International Problem-Oriented Policing and Crime Analysis Training Conference, Arlington, TX, September 2010, with Leslie Kennedy.
- *Clusters, Hotspots, and Spatial Intelligence: Risk Terrains Modeling as an Algorithm for Police Resource Allocation Strategies*, 2010 Esri Mid-Atlantic User Group Conference, Philadelphia, November-December 2010, with Eric Piza and Leslie Kennedy.
- *Sustaining Stakeholder Satisfaction: Identifying the Needs of People who Provide Input to Parole Boards,* American Society for Criminology Annual Meeting, Philadelphia, November 2009, with Heather Tubman-Carbone.

- *Understanding the Impact of Severe Mental Illness on Parole Release Decisions*, Society for Social Work and Research 13th Annual Conference, New Orleans, January 2009, with Jason Matejkowski and Sara Cullen.
- *National Surveys of State Parole Boards: Models of Service Delivery*, American Society for Criminology Annual Meeting, St. Louis, November 2008, with Susan Kinnevy.
- *Understanding the Impact of Mental Illness on Parole Eligibility and Release Dispositions*, American Society for Criminology Annual Meeting, Atlanta, November 2007, with Jason Matejkowski and Sara Cullen.
- *Parole Release Decisions: Effects of Positive and Negative Victim and Non-Victim Input*, American Society for Criminology Annual Meeting, Atlanta, November 2007.
- *Using GIS to Evaluate Post Release Prisoner Reentry Needs in Newark, NJ*, American Society for Criminology Annual Meeting, Los Angeles, November 2006, with Jeff Mellow and Melinda Schlager.
- *Web-Based Crime Mapping for Decision Support, Policy Analysis and Public Relations*, American Society for Criminology Annual Meeting, Los Angeles, November 2006.
- *Compositions and Requirements of Paroling Authorities in the U.S.: A National Survey*, American Society for Criminology Annual Meeting, Toronto, Canada, November 2005, with Mario Paparozzi.
- *Assessing the Residential Distribution of People with Severe Mental Illness: A GIS Analysis*, 5th Annual Cross-University Collaborative Mentoring Conference, Philadelphia, PA, May 2005, with Stephen Metraux.
- *Police Performance Evaluations and the Effect of One-Way Streets on Response Times*, American Society for Criminology Annual Meeting, Nashville, November 2004.
- *Emergency Responses in an Urban Environment*, Rutgers University School of Criminal Justice Research Forum, Newark, NJ, April 2003.

WEBINARS/WORKSHOPS DEVELOPED FOR RUTGERS CENTER ON PUBLIC SECURITY (RCPS)
- RTM Training Online. Self-Guided Online, 2020 - present
- Risk Terrain Modeling Training and Continuing Education (RTMTCE) Program. 12-month Self-Guided Online, Open to the General Public, 2018.
- Risk Terrain Modeling and the Spatial Dynamics of Crime. In-person 8-hour workshop. [This training workshop is Peace Officer Standards and Training (POST) certified in California through the State Threat Assessment Systems (Course #20089).
- Risk Terrain Modeling Training and Certification Webinar. Self-Guided Online, Open to the International Public, 2012 [updated July 2013, Feb. 2014, July 2014, Feb. 2015]
- Risk Terrain Modeling for Spatial Risk Assessment Workshop Webinar. Live Online, Open to the International Public, May 2011 [updated July 2011, May 2012]

THESES OR GUIDED RESEARCH SUPERVISED (CHAIR OR PRIMARY ADVISOR)

DOCTORAL THESIS
- Emirhan Darcan, Criminal Justice, Rutgers University, "The Impact Of Police-Monitored CCTV Cameras On Crime Patterns: A Quasi-Experimental Study In The Metropolitan City Of Bursa, Turkey" (Defended Fall 2012)
- Eric Piza, Criminal Justice, Rutgers University, "Police-Monitored CCTV Cameras, Surveillance & Crime" [Recipient of the 2010 Research Support Award by the Association of Doctoral Programs in Criminology and Criminal Justice] (Defended Spring 2012)
- Heather Tubman-Carbone, Criminal Justice, Rutgers University, "Maintaining Parole Board Legitimacy in NJ: Identifying and Evaluating the Utility of Victim and Non-Victim Input" (Defended Spring 2014)
- Yasemin Irvin-Erickson, Criminal Justice, Rutgers University, "Identifying Risky Places for Street Robberies" [Recipient of the 2012 National Institute of Justice's Graduate Research Fellowship Program Award] (Defended Fall 2014)
- Ahmet Rahmi Kirkpinar, Criminal Justice, Rutgers University, "Public Transportation and Crime in Turkey"
- Patricia Cantara, Criminal Justice, Rutgers University, "Gunshot Detection Technology as a Problem-Oriented Policing Approach" [Recipient of both the Rutgers Graduate School-Newark Dissertation Fellowship award and the 2013 Dean's Research Grant]
- Tyler Keller, Criminal Justice, Rutgers University. (In Progress)

UNDERGRADUATE HONORS THESIS
- Ambika Sukul, Senior Honors Project, Honors College (English Major), Rutgers University, 2009

GUIDED RESEARCH
- Henri Buccine Schraeder, Guided Research Fellowship Award from Rutgers University, School of Criminal Justice, 2013-2014. $5,000 [For project to "ascertain the environmental risk factors related to where sex offenders choose to live, and whether residency restriction laws bear influence on this choice."]

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS (RECENT PAST AND PRESENT)

American Society of Criminology; Academy of Criminal Justice Sciences; International Association of Crime Analysts; American Society for Evidence-Based Policing

PROFESSIONAL HONORS AND AWARDS

- Certificate of Appreciation, from U.S. Department of Justice Federal Bureau of Investigation Newark Division, 2018
- Real-Time Crime Forecasting Challenge winner, from U.S. Department of Justice, National Institute of Justice, 2017
- President's Award, from the JFS of Atlantic and Cape May Counties, 2017
- Alumni Award, from the Criminology Chapter of The College of New Jersey (TCNJ) Alumni Assoc., 2016
- Initiative for Multidisciplinary Research Teams (IMRT) Award, from the Rutgers University Vice Chancellor for Research and Collaborations, 2015
- Outstanding Young Experimental Criminologist Award, from the Academy of Experimental Criminology and the American Society of Criminology's Division of Experimental Criminology, 2014
- Board of Trustees Research Fellowship for Scholarly Excellence, Rutgers University, 2014
- Presidential Fellowship for Teaching Excellence, Rutgers University, 2014
- International Association of Crime Analysts (IACA) Membership Award, 2013
- Top 40 Under 40 (Awarded yearly to "dynamic young community leaders, volunteers, and entrepreneurs with extraordinary talents whom inspire many"), Greater Atlantic City Jaycees and Atlantic City Weekly, 2013
- Academy of Criminal Justice Sciences (ACJS) Donal MacNamara Award for Outstanding Journal Publication, 2012
- Community Engagement Award for Community Research, Rutgers University-Newark Office of the Chancellor, 2011
- Advancing Victim-Centered Knowledge Scholarly Paper Award, National Center for Victims of Crime (Washington, DC), 2011
- Hal Levin Award for Outstanding Ph.D. Student, 2007
- Best Overall Graduate Student Map, North East Map Org. (NEMO) GIS Map Design Competition, 2007
- Heyer Foundation Graduate Prize Fellowship Award, 2006
- University of Pennsylvania GAPSA-Provost's Award for Interdisciplinary Innovation, 2006
- Lt. Edward Manzione Award, Rutgers University, School of Criminal Justice, 2004
- Written Commendations from Cape May City Police Department, 2001, 2002
- Humanitarian Award, presented by the City of Linwood, 2001
- Lifesaving Award, Linwood Rescue Squad, 2001
- Community Service Award, Linwood Rescue Squad, 2001
- Director's Award, Cape May County Police Academy, 2000

CERTIFICATIONS AND SPECIALIZED TRAINING (SELECTED)

- Threat Assessment and the Prevention of Targeted Violence in K-12 Schools, United States Secret Service, National Threat Assessment Center
- Advanced A.L.I.C.E. Training Certified, Instructor Level, ALICE Training Institute
- 911 Telecommunicator, APCO Institute
- Class II Law Enforcement Officer, Graduated the Cape May County Police Academy, New Jersey
- Community Water Rescue, American Red Cross
- CPR, Defibrillator (AED), First Aid, and Basic Life Support Instructor: American Heart Association
- D.W.I. Checkpoint Seminar, Atlantic County Prosecutor's Office, NJ
- Emergency Crime Scene Responder
- Emergency Medical Dispatcher (EMD), APCO Institute
- Emergency Medical Technician (EMT), New Jersey Department of Health

- Emergency Vehicle Operator – EVOC & CEVO
- Hazardous Materials Level 1 First Responder, New Jersey
- Incident Command Systems, New Jersey
- Police Bicycle Patrol Officer Certified
- School Safety Analysis Using ArcGIS: ESRI Certificate