

## **Jeremy G. Carter, Ph.D.**

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Updated: April 2023

### **Academic Positions**

Executive Associate Dean Paul H. O'Neill School of Public and Environmental Affairs Indiana University – Purdue University Indianapolis	2021-Present
Professor Paul H. O'Neill School of Public and Environmental Affairs Indiana University – Purdue University Indianapolis	2022-Present
Affiliated Appointment – Purdue Graduate School Professor Department of Information and Computer Science Indiana University – Purdue University Indianapolis	2021-Present
Associate Professor Paul H. O'Neill School of Public and Environmental Affairs Indiana University – Purdue University Indianapolis	2017-2022
Director of Research Paul H. O'Neill School of Public and Environmental Affairs Indiana University – Purdue University Indianapolis	2017-2021
Director of Criminal Justice and Public Safety Paul H. O'Neill School of Public and Environmental Affairs Indiana University – Purdue University Indianapolis	2017-2021
Assistant Professor Paul H. O'Neill School of Public and Environmental Affairs Indiana University - Purdue University Indianapolis	2013-2017
Assistant Professor Department of Criminology and Criminal Justice University of North Florida	2011-2013
Research Specialist School of Criminal Justice Michigan State University	2004-2011

## Education

Ph.D.	Criminal Justice - Michigan State University Cognate Area: Organizational Psychology	2011
M.S.	Criminal Justice - Michigan State University	2006
B.A.	Criminal Justice - Michigan State University	2004

## Publications

### Peer-Reviewed Journal Articles

\*Graduate Student Co-Author

Piza, E. L., \*Hatten, D. N., **Carter, J. G.**, Baughman, J. H., & Mohler, G. O. (2023). Gunshot detection technology time savings and spatial precision: An exploratory analysis in Kansas City. *Policing: A Journal of Policy and Practice*, 17, <https://doi.org/10.1093/police/paac097>

Brantingham, P. J., **Carter, J. G.**, MacDonald, J., Melde, C., & Mohler, G. (2021). Is the recent surge in violence in American cities due to contagion? *Journal of Criminal Justice*, 76, <https://doi.org/10.1016/j.jcrimjus.2021.101848>

**Carter, J. G.**, Mohler, G., Raje, R., Chowdhury, N., & Pandey, S. (2021). The Indianapolis harmspot policing experiment. *Journal of Criminal Justice*, 74, <https://doi.org/10.1016/j.jcrimjus.2021.101814>

\*Khorshidi, S., **Carter, J. G.**, Mohler, G., & Tita, G. (2021). Explaining crime diversity with Google street view. *Journal of Quantitative Criminology*, 37(2), 361-391. <https://doi.org/10.1007/s10940-021-09500-1>

\*Liu, X., **Carter, J. G.**, Ray, B., & Mohler, G. (2021). Point process modeling of drug overdoses with heterogenous and missing data. *Annals of Applied Statistics*, 15(1), 1-14. <https://doi.org/10.1214/20-AOAS1384>

Haberman, C., \*Hatten, D., **Carter, J. G.**, & Piza, E. L. (2020). The sensitivity of repeat and near repeat analysis to geocoding algorithms. *Journal of Criminal Justice*, 73, <https://doi.org/10.1016/j.jcrimjus.2020.101721>

Glober, N., Mohler, G., Huynh, P., Arkins, T., O'Donnell, D., **Carter, J. G.**, & Ray, B. (2020). Impact of COVID-19 pandemic on drug overdoses in Indianapolis. *Journal of Urban Health*. Online First. <https://doi.org/10.1007/s11524-020-00484-0>

Mohler, G., Bertozzi, A. L., **Carter, J. G.**, Short, M. B., Sledge, D., Tita, G. E., Uchida, C. D., & Brantingham, P. J. (2020). Impact of social distancing during COVID-19 pandemic on crime in Los Angeles and Indianapolis. *Journal of Criminal Justice*, 68, <https://doi.org/10.1016/j.jcrimjus.2020.101692>

Mohler, G., Porter, M., **Carter, J. G.**, & LaFree, G. (2020). Learning to rank spatio-temporal event hotspots. *Crime Science*, 9(3), <https://doi.org/10.1186/s40163-020-00112-x>

Mohler, G., Brantingham, P. J., **Carter, J. G.**, & Short, M. (2019). Reducing bias in estimates for the law of crime concentration. *Journal of Quantitative Criminology*, 35(4), 747-765. DOI <https://doi.org/10.1007/s10940-019-09404-1>

**Carter, J. G.**, Piza, E. L., & 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. DOI: <https://doi.org/10.1080/0735648X.2018.1554844>

**Carter, J. G.**, & Fox, B. H. (2019). Community policing and intelligence-led policing: An examination of convergent or discriminant validity. *Policing: An International Journal*, 42(1), 43-58. DOI: <https://doi.org/10.1108/PIJPSM-07-2018-0105>

**Carter, J. G.**, Mohler, G., & Ray, B. (2019). Spatial concentration of opioid overdose deaths in Indianapolis: An application of the law of crime concentration at place to a public health epidemic. Online First. *Journal of Contemporary Criminal Justice*, 35(2), 161-185. DOI: [10.1177/1043986218803527](https://doi.org/10.1177/1043986218803527)

Grommon, E., **Carter, J. G.**, Scheer, C. (2018). Quantifying the size of the contraband cell phone problem: Insights from a large rural state penitentiary. *The Prison Journal*, 98(5), 630-648. DOI: [10.1177/0032885518794116](https://doi.org/10.1177/0032885518794116)

Piza, E. L., & **Carter, J. G.** (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. DOI: [10.1080/07418825.2017.1342854](https://doi.org/10.1080/07418825.2017.1342854).

**Carter, J. G.**, & Piza, E. (2018). Spatiotemporal convergence of crime and vehicle crash hot spots: Additional consideration for policing places. *Crime & Delinquency*, 64(14), 1795-1819. DOI: [10.1177/0011128717714793](https://doi.org/10.1177/0011128717714793).

Mohler, G., **Carter, J. G.**, & Raje, R. (2018). Improving social harm indices with a modulated Hawkes process. *International Journal of Forecasting*, 34(3), 431-439. <https://doi.org/10.1016/j.ijforecast.2018.01.006>

**Carter, J. G.** & Binder, M. (2018). Firearm violence and effects on concealed gun carrying: Large debate and small effects. *Journal of Interpersonal Violence*, 33(19), 3025-3052. DOI: [10.1177/0886260516633608](https://doi.org/10.1177/0886260516633608).

Lewandowski, C., **Carter, J. G.**, & \*Campbell, W. (2018). The utility of fusion centers to enhance intelligence-led policing: An exploration of end-users. *Policing: A Journal of Policy and Practice*, 12(1), 177-193. DOI: <https://doi.org/10.1093/police/pax005>.

Grommon, E., **Carter, J. G.**, Scheer, C. (2017). Contraband cell phone usage patterns: An exploratory examination of captured transmission data. *Justice Research and Policy*. <https://doi.org/10.1177/1525107117725013>.

Grommon, E., Rydberg, J., & **Carter, J. G.** (2017). Does GPS supervision of intimate partner violence defendants reduce pretrial misconduct? Evidence from a quasi-experimental study. *Journal of Experimental Criminology*, 13(4), 483-504. DOI 10.1007/s11292-017-9304-4.

Research and publication profiled on the Office of Justice Programs' CrimeSolutions.gov  
14 June 2018: [[Link](#)]

**Carter, J. G.**, Carter, D. L., Chermak, S., & McGarrell, E. (2017). Law enforcement fusion centers: Cultivating an information sharing environment while safeguarding privacy. *Journal of Police and Criminal Psychology*, 32(1), 11-27. DOI 10.1007/s11896-016-9199-4.

Lewandowski, C. & **Carter, J. G.** (2017). End-user perceptions of intelligence dissemination from a state fusion center. *Security Journal*, 30(2), 467-486. doi:10.1057/sj.2014.38.

Lewandowski, C., **Carter, J. G.**, & \*Campbell, W. (2017). The role of people in information sharing: Perceptions from an analytic unit of a regional fusion center. *Police Practice and Research*, 18(2), 174-193. DOI: 10.1080/15614263.2016.1250631.

**Carter, J. G.** & Grommon, E. (2017). Officer perceptions of the impact of mobile broadband technology on police operations. *Policing & Society*, 27(8), 847-864. DOI:10.1080/10439463.2015.1112388.

**Carter, J. G.** & Grommon, E. (2016). Police as alert responders? Lessons learned about perceived police roles and responses from pretrial GPS supervision of domestic violence defendants. *Policing: A Journal of Policy and Practice*, 10(4), 361-377. doi:10.1093/police/paw009.

**Carter, J. G.** (2016). Institutional pressures and isomorphism: The impact on intelligence-led policing adoption. *Police Quarterly*, 19(4), 435-460. DOI: 10.1177/1098611116639536.

**Carter, J. G.**, Lewandowski, C., & \*May, G. (2016). Disparity between fusion center web content and self-reported activity. *Criminal Justice Review*, 41(3), 335-351. DOI: 10.1177/0734016816651925.

**Carter, J. G.**, Grommon, E. & Harris, P. (2016). From conceptual to operational: Over-the-air-programming of land mobile radios. *Physical Communication*, 19, 18-29. <https://doi.org/10.1016/j.phycom.2016.01.007>.

Carter, D. L. & **Carter, J. G.** (2016). Effective police homicide investigations: Evidence from seven cities with high clearance rates. *Homicide Studies*, 20(2), 150-176. DOI: 10.1177/1088767915576996.

Salvemini, A., Piza, E., **Carter, J. G.**, Grommon, E. & 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. DOI: 10.1177/0193841X15583404.

**Carter, J. G.** & Phillips, S. W. (2015). Intelligence-led policing and forces of organizational change in the United States. *Policing & Society*, 25(4), 333-357. <http://dx.doi.org/10.1080/10439463.2013.865738>.

**Carter, J. G.** (2015). Intelligence analysis within U.S. law enforcement agencies: Empirical insights from a national sample. *Journal of Intelligence Analysis*, 22(3), 1-24.

**Carter, J. G.** (2015). Inter-organizational relationships and law enforcement information sharing post-September 11, 2001. *Journal of Crime and Justice*, 38(4), 522-542. <http://dx.doi.org/10.1080/0735648X.2014.927786>.

**Carter, J. G.**, Phillips, S. W. & Gayadeen, S. M. (2014). Implementing intelligence-led policing: An application of loose-coupling theory. *Journal of Criminal Justice*, 42(6), 433-442. <http://dx.doi.org/10.1016/j.jcrimjus.2014.08.002>.

**Carter, J. G.** & Grommon, E. L. (2014). Wireless broadband for municipal police: Evaluating clearance times of calls for service. *Police Quarterly*, 17(3), 226-249. DOI: 10.1177/1098611114533553.

Chermak, S., **Carter, J. G.**, Carter, D., McGarrell, E., & Drew, J. (2013). Law enforcement's information sharing infrastructure: A national assessment. *Police Quarterly*, 16(2), 211-244. <https://doi.org/10.1177/1098611113477645>.

**Carter, J. G.** & Rip, M. (2013). Homeland security and public health: A critical integration. *Criminal Justice Policy Review*, 24(5), 573-600. DOI: 10.1177/0887403412452425.

**Carter, J. G.** & Gore, M. (2013). Conservation officers: A force multiplier for homeland security. *Journal of Applied Security Research*, 8(3), 285-307. DOI: 10.1080/19361610.2013.794403.

**Carter, J. G.**, Carter, D. L. & Chermak, S. (2013). Intelligence training. *Law Enforcement Executive Forum*, 13(2), 1-18.

**Carter, J. G.** & Carter, D. L. (2012). Law enforcement intelligence: Implications for self-radicalized terrorism. *Police Practice and Research*, 13(2), 138-154. <http://dx.doi.org/10.1080/15614263.2011.596685>.

Carter, D. L. & **Carter, J. G.** (2009). Intelligence-led policing: Conceptual considerations for public policy. *Criminal Justice Policy Review*, 20(3), 310-325. DOI:10.1177/0887403408327381.

Carter, D. L. & **Carter, J. G.** (2009). The intelligence fusion process for state, local and tribal law enforcement. *Criminal Justice and Behavior*, 36(12), 1323-1339. DOI: 10.1177/0093854809345674.

**Carter, J. G.** (2008). The structure and function of public-private partnerships for homeland security. *Homeland Security Review*, 2(3), 235-251.

### **Books**

**Carter, J. G.** (2013). *Intelligence-Led Policing: A Policing Innovation*. El Paso, TX: LFB Scholarly. ISBN-13: 978-1-59332-627-2.

Reviewed in Rutgers School of Law-Newark and Rutgers School of Criminal Justice's Criminal Law and Criminal Justice Books Project by Scott Phillips, Ph.D. <http://clcjbooks.rutgers.edu/books/intelligence-led-policing.html>

### **Peer-Reviewed Conference Proceedings/Articles**

\*Graduate Student Co-Author

\*Khorshidi, S., Mohler, G., & **Carter, J. G.** (2020). Repurposing recidivism models for forecasting police officer use of force. *IEEE BigData*.

\*Sha, H., Al Hasan, M., **Carter, J. G.**, & Mohler, G. (2020). Interpretable Hawkes process spatial crime forecasting with TV-regularization. *IEEE BigData*.

\*Korshidi, S., Mohler, G., & **Carter, J. G.** (2020). Assessing GAN-based approaches for generative modeling of crime text reports. *IEEE International Conference on Intelligence and Security Informatics* (2020 IEEE ISI).

\*Chowdhury, N., Raje, R. R., \*Pandey, S., Mohler, G., & **Carter, J. G.** (2020). Enhancing trust-based data analytics for forecasting social harm. *IEEE International Smart Cities Conference* (ISC2 2020).

\*Kaur D., \*Uslu S., Durrezi A., Mohler G., **Carter J. G.** (2020). Trust-Based Human-Machine Collaboration Mechanism for Predicting Crimes. In: Barolli L., Amato F., Moscato F., Enokido T., Takizawa M. (eds) *Advanced Information Networking and Applications*. AINA 2020. Advances in Intelligent Systems and Computing, vol 1151. Springer. [https://doi.org/10.1007/978-3-030-44041-1\\_54](https://doi.org/10.1007/978-3-030-44041-1_54)

\*Chiang, W., \*Yuan, B., \*Li, H., Wang, B., Bertozzi, A., **Carter, J. G.**, Ray, B., & Mohler, G. O. (2020). SOS-EW: System for Overdose Spike Early Warning Using Drug Mover's Distance-Based Hawkes Processes. In: Cellier P., Driessens K. (eds) *Machine Learning and Knowledge Discovery in Databases*. ECML PKDD 2019. Communications in Computer and Information Science, vol 1167. Springer. [https://doi.org/10.1007/978-3-030-43823-4\\_43](https://doi.org/10.1007/978-3-030-43823-4_43)

\*Pandey, S., \*Chowdhury, N., Raje, R. R., **Carter, J. G.**, & Mohler, G. O. (2019). Trust estimation of social harm events. *IEEE International Smart Cities Conference (ISC2 2019)*.

\*Hosler, R., \*Liu, X., **Carter, J. G.**, Ganci, A., Hill, J., Raje, R., Mohler, G., & Saper, M. (2019). RaspBary: hawkes point process wasserstein barycenters as a service. *Association for the Advancement of Artificial Intelligence*.

Mohler, G., Raje, R., **Carter, J. G.**, Valasik, M., & Brantingham, J. P. (2018). A penalized likelihood method for balancing accuracy and fairness in predictive policing. *IEEE International Conference on Systems, Man, and Cybernetics (SMC2018)*.

Mohler, G., Porter, M., **Carter, J. G.**, & LaFree, G. (2018). Learning to rank spatio-temporal event hotspots. *7th International Workshop on Urban Computing (ACM 2018)*.

\*Pandey, S., \*Chowdhury, N., \*Patil, M., Raje, R., Mohler, G., & **Carter, J. G.** (2018). CDASH: Community data analytics for social harm. *IEEE International Smart Cities Conference (ISC2 2018)*.

### **Peer-Reviewed Technical Reports**

Grommon, E. & **Carter, J. G.** (2017). *Case Study of the Use of GPS Pretrial Supervision for Intimate Partner and Domestic Violence Offenses*. Rome, NY: Engility/L-3 Communications Global Security and Engineering Services. Report to the National Institute of Justice.

**Carter, J. G.**, Grommon, E., Piza, E. L., Salvemini, A., Frantz, F. & Harris, P. (2016). *An Exploration of the Impacts of Utilizing Broadband-Enabled Over-the-Air-Programming of Portable Land Mobile Radios*. Rome, NY: Engility/L-3 Communications Global Security and Engineering Services. Report to the National Institute of Justice.

Grommon, E., **Carter, J. G.**, Frantz, F. & Harris, P. (2016). *A Case Study of Mississippi State Penitentiary's Managed Access Technology*. National Institute of Justice. U.S. Department of Justice. Report Number 250262. Available at: <https://www.ncjrs.gov/pdffiles1/nij/grants/250262.pdf>

- Research and report featured on the U.S. Department of Justice, Office of Justice Programs, National Institute of Justice's Contraband Control and Detection topics page [[Link](#)]

**Carter, J. G.**, Grommon, E. & Frantz, F. (2016). *Impact of Mobile Broadband Data Access on Police Operations: An Exploratory Case Study of One Medium-Sized Municipal Police Department*. National Institute of Justice. U.S. Department of Justice. Report Number 250261. Available at: <https://www.ncjrs.gov/pdffiles1/nij/grants/250261.pdf>

Carter, D. L., Chermak, S, **Carter, J. G.** & Drew, J. (2014). *Understanding Law Enforcement Intelligence Processes*. National Consortium for the Study of Terrorism and Responses to Terrorism (START). U.S. Department of Homeland Security.

Carter, D. L., Chermak, S. M., McGarrell, E. F., **Carter, J. G.**, & Drew, J. (2012). *Understanding the Intelligence Practices of State, Local, and Tribal Law Enforcement Agencies*. Final Report. Washington, DC: National Institute of Justice. U.S. Department of Justice.

### **Other Published Works**

**Carter, J. G.** (2018). Intelligence-Led Policing. In B. M. Huebner (Ed.), *Oxford Bibliographies in Criminology*. New York: Oxford University Press.

**Carter, J. G.** (2016). Fostering Accountable Community-Centered Policing. In *The Covenant with Black America: 10 Years Later*, 98-105. Chicago: Hay House Inc.

Merritt, N., Frantz, F., **Carter, J. G.** & Grommon, E. (2014). 7 Trends from a Broadband Pilot. *Mission Critical*, 30-35. August.

**Carter, J. G.** (2013). Goldstein's development of problem-oriented policing. In K. Peak (Ed.), *Encyclopedia of Community Policing and Problem Solving*, 306-310. Thousand Oaks, CA. Sage.

**Carter, J. G.** (2013). The police foundation. In K. Peak (Ed.), *Encyclopedia of Community Policing and Problem Solving*, 274-276. Thousand Oaks, CA. Sage.

**Carter, J. G.** & Chermak, S. (2012). Evidence-based intelligence practices: Examining the role of fusion centers as a critical source of information. In C. Lum and L. Kennedy. (Eds). *Evidence-Based Counterterrorism Policy*, 65-88. New York: Springer. (Refereed Chapter).

Carter, D. L., Chermak, S. M., McGarrell, E. F., & **Carter, J. G.** (2012). Research in brief: Understanding the intelligence practices of state, local, and tribal law enforcement agencies. *The Police Chief*, 79, 10-11. June.

**Carter, J., G.** – Contributor. (2012). *Analysis as a Core Element for Future Law Enforcement Operations*. Law Enforcement Forecasting Group. A technical assistance project of the Bureau of Justice Assistance, U.S. Department of Justice. Washington, DC.

**Carter, J. G.** (2011). Law enforcement intelligence: Suspicious activity reporting and preventing self-radicalized terrorism. In, L. Kennedy and E. McGarrell. (Eds), *Crime and Terrorism Risk: Studies in Criminology and Criminal Justice*, 184-195. New York: Routledge.

**Carter, J. G.** (2006). A review of "Corruption in Corporate America: Who is Responsible? Who Will Protect the Public Interest?" *International Journal of Comparative and Applied Criminal Justice*, 30(2), 285-287.

## Funded Research

### **Total Funds Awarded to Date as PI or Co-PI: \$1,750,782**

National Institute of Justice, U.S. Department of Justice  
\$503,129, FY 2020-2022

Co-Principal Investigator: *The Impact of Gunshot Detection Technology on Gun Violence in Kansas City and Chicago: A Multi-Pronged Synthetic Control Evaluation*. Co-PIs: Eric Piza John Jay College, George Mohler IUPUI.

Indiana University, Racial Justice Research Fund  
\$15,000, FY 2020-2021

Co-Principal Investigator: *Reducing Police Misconduct through High-Stakes Pairing Systems*, Co-PIs George Mohler and James Haswell, IUPUI

National Science Foundation  
\$791,513, FY 2017-2020

Co-Principal Investigator: *Real-Time Algorithms and Software Systems for Heterogeneous Data Driven Policing of Social Harm*. Co-PIs: George Mohler and Rajeev Raje, IUPUI

Central Indiana Community Foundation  
\$25,000, FY 2017-2018

Principal Investigator: *Facilitating Public Dialogue on Contemporary Policing Issues in Indianapolis*

Central Indiana Community Foundation  
\$25,000, FY 2016

Principal Investigator: *Progressing the Indianapolis Metropolitan Police Department Towards the Minimum Criminal Intelligence Training Standards*

US Department of Justice, Office of Justice Programs, National Institute of Justice  
Research Subcontract from Engility Corporation  
\$173,159, FY 2014-2015

Co-Principal Investigator: *Technical Operational Evaluation and Demonstration Projects*. Co-PI Eric Grommon, IUPUI

US Department of Justice, Office of Justice Programs, National Institute of Justice  
Research Subcontract from Engility Corporation  
\$180,481, FY 2013-2014

Co-Principal Investigator: *Technical Operational Evaluation and Demonstration Projects*. Co-PI Eric Grommon, IUPUI

U.S. Department of Homeland Security, National Consortium for the Study of Terrorism and Responses to Terrorism  
\$30,000, FY 2011-2012

Co-Principal Investigator: *Factors Impacting the Intelligence Process in the United States*. Co-PIs: David Carter and Steve Chermak, Michigan State University

University of North Florida, Academic Affairs Faculty Development Grant  
\$7,500, FY 2011-2012

Principal Investigator: *Law Enforcement Mobile Broadband Technology: An Impact Evaluation*

## **Presentations**

### **Invited**

**Carter, J. G.** (2020). *The Indianapolis Harmspot Policing Experiment*. Data Science for Smart and Connected Communities. IEEE Big Data. Virtual Conference.

Grommon, E., **Carter, J. G.**, Piza, E., Salvemini, A., Scheer, C. (2015). *Assessing the Size of Contraband Cell Phone Use in Prison: Evidence and Implications from a Managed Access System*. American Correctional Association. Indianapolis, IN.

Chermak, S. & **Carter, J. G.** (2014). *Understanding Law Enforcement Intelligence Processes*. National Consortium for the Study of Terrorism and Response to Terrorism. Bethesda, MD.

**Carter, J. G.** (2012). *Analytic Seminars Series: Intelligence and Analysis in Human Trafficking*. Memorial Institute for the Prevention of Terrorism. Oklahoma City, OK.

**Carter, J. G.** (2012). *Operational Evaluations: Impacts of Technology in the Field*. National Institute of Justice, Annual Conference. Washington, DC.

**Carter, J. G.** & Grommon, E. (2012). *Sustainability of Police Mobile Broadband*. Academy of Criminal Justice Sciences. Sustainable Justice Roundtable. New York, NY.

**Carter, J. G.** (2012). *Talk or Action?: Implementing Intelligence-Led Policing*. University of North Florida. Research Highlight Series. Jacksonville, FL.

Grommon, E. & **Carter, J. G.** (2011). *4.9 Mobile Broadband Operational Evaluation*. Communications Technology Working Group. U. S. Department of Justice. Washington, DC.

## **Professional Conferences**

Mohler, G. O., Piza, E. L., & **Carter, J. G.** (2022). *What Effect Does GDT Have on Officer Responses to and Time Spent on Gunfire Scenes? An Analysis of Automated Vehicle Locator and GDT Data*. American Society of Criminology. Atlanta, GA.

Piza, E. L., Mohler, G. O., & **Carter, J. G.** (2022). *The Effect of Gunshot Detection Technology on Gun Violence and Case Clearance in Chicago and Kansas City: Results From a Synthetic Control Evaluation*. American Society of Criminology. Atlanta, GA.

Hatten, D. N., Piza, E. L., Mohler, G. O., & **Carter, J. G.** (2022). *Which Gunshots Get Reported? Exploring the Discrepancy Between GDT Detections and 9-1-1 Calls For Service*. Academy of Criminal Justice Sciences. Las Vegas, NV.

Piza, E. L., Hatten, D. N., Mohler, G. O., & **Carter, J. G.** (2022). *The Threat of False Positive GDT Detections: A Matched-Pairs Analysis of Unfounded Case Dispositions Ballistic Evidence Collection Across GDT Detections and 9-1-1 Calls for Service*. Academy of Criminal Justice Sciences. Las Vegas, NV.

Mohler, G. O., **Carter, J. G.**, Piza, E. L., & Hatten, D. N. (2022). *What Effect Does GDT Have on Officer Responses to and Time Spent on Gunfire Scenes? An Analysis of Automated Vehicle Locator and GDT Data*. Academy of Criminal Justice Sciences. Las Vegas, NV.

Piza, E. L., **Carter, J. G.**, & Haberman, C. (2019). *Environmental Criminology, Social Disorganization, and Micro-Level Crime Patterns: How Much Does Scale Matter?* American Society of Criminology. San Francisco, CA.

Chiang, W., Yuan, B., Li, H., Wang, B., Bertozzi, A., **Carter, J. G.**, Ray, B., & Mohler, G. (2019). *SOS-EW : System for Overdose Spike Early Warning using Drug Mover's Distance-based Hawkes Processes*. Data Science for Social Good - SoGood 2019. Würzburg, Germany.

Pandey, S., Chowdhury, N., Raje, R. R., **Carter, J. G.**, & Mohler, G. (2019). *Trust Estimation of Historical Social Harm Events in Indianapolis Metro Area*. IEEE International Smart Cities Conference (ISC2 2019). Casablanca, Morocco.

Mohler, G. O., **Carter, J. G.**, Raje, R. R. (2018). *Real-Time Algorithms and Software Systems for Heterogeneous Data Driven Policing of Social Harm*. *National Science Foundation, Smart and Connected Cities*. Kansas City, MO.

**Carter, J. G.** (2017). *Hot Spots and Data-Driven Policing: Initial Strategies from Indianapolis*. Academy of Criminal Justice Sciences. Kansas City, MO.

Lewandowski, C., **Carter, J. G.**, and Campbell, W. L. (2017). *The Utility of Fusion Centers to Enhance Intelligence-Led Policing: An Exploration of End-Users*. International Police Executive Symposium. Liverpool, UK.

Lewandowski, C., **Carter, J. G.**, and Campbell, W. L. (2017). *The Role of People in Information Sharing: Perceptions from an Analytic Unit of a Regional Fusion Center*. Northeastern Academy of Criminal Justice Sciences. Bristol, RI.

Stucky, T., Piza, E., & **Carter, J. G.** (2016). *Toward a Consistent Set of Predictors in Small Unit Analyses of Crime*. American Society of Criminology. New Orleans, LA.

Grommon, E. & **Carter, J. G.** (2016). *Who You Gonna Call (Or Text)? Examining Contraband Cell Phone Use In Prison*. Midwestern Criminal Justice Association. Chicago, IL.

Piza, E. & **Carter, J. G.** (2016). *Predicting Originator Events in Near Repeat Crime Patterns*. Academy of Criminal Justice Sciences. Denver, CO.

**Carter, J. G.** (2016). *Complexities of Technology Evaluation Research in Policing and Criminology*. Academy of Criminal Justice Sciences. Denver, CO.

**Carter, J. G.** (2015). *Do the Police Mirror those they Serve? A National Estimate*. American Society of Criminology. Washington, DC.

Grommon, E. & **Carter, J. G.** (2015). *Examining the Use of Pre-Trial GPS Monitoring for Domestic or Intimate Partner Violence Defendants*. American Society of Criminology. Washington, DC.

**Carter, J. G.** (2015). *Technology and Policing: The Need for Improved Evaluations to Assess Process and Impact*. Academy of Criminal Justice Sciences. Orlando, FL.

**Carter, J. G.**, Grommon, E., Piza, E. L. & Salvemini, A. (2015). *Broadband Radio Programming and Implications for Public Safety*. Academy of Criminal Justice Sciences. Orlando, FL.

Grommon, E., **Carter, J. G.**, Piza, E., Salvemini, A., Scheer, C. (2014). *Assessing the Size of Contraband Cell Phone Use in Prison: Evidence and Implications from a Managed Access System Technology*. American Society of Criminology. San Francisco, CA.

Lewandowski, C., **Carter, J. G.** & Campbell, W. L. (2014). *Empirical Insights of Intelligence Dissemination from End-Users of a Fusion Center in the Northeast*. American Society of Criminology. San Francisco, CA.

Lewandowski, C., **Carter, J. G.** & Campbell, W. L. (2014). *A Regional Fusion Center's End-Users: An Exploration of Information Sharing Practices*. Academy of Criminal Justice Sciences. Philadelphia, PA.

**Carter, J. G.** & Grommon, E. (2013). *Utilizing Broadband to Improve Public Safety Interoperability*. American Society of Criminology. Atlanta, GA.

Merritt, N., Harris, P. & **Carter, J. G.** (2013). *Scientific-Based Operational Evaluation of Advanced Communications Technologies*. Association of Public-Safety Communications Officials. Anaheim, CA.

**Carter, J. G.**, Grommon, E. & Scheer, C. (2013). *Technology to Impact Inmate Contraband Cellphone Use*. Academy of Criminal Justice Sciences. Dallas, TX.

**Carter, J. G.** (2013). *Policing Post-9/11: Where We are Today*. Academy of Criminal Justice Sciences. Dallas, TX.

Binder, M. & **Carter, J. G.** (2013). *Impacts of Concealed Carry Laws*. Southern Political Science Association. Orlando, FL.

**Carter, J. G.** & Grommon, E. (2012). *Implementing Police Mobile Broadband: An Operational Evaluation*. American Society of Criminology. Chicago, IL.

**Carter, J. G.**, Grommon, E., Merritt, N. & Heaps, J. (2012). *The Role of Collaborative Governance and Technology Operational Evaluations in Lean Times*. American Society of Criminology. Chicago, IL.

**Carter, J. G.** & Binder, M. (2012). *Impacts of Concealed Carry Licenses on Crime: A New Decade and Approach*. Southern Criminal Justice Association. Atlantic Beach, FL.

**Carter, J. G.** (2012). *Perceived Implementation of Intelligence-Led Policing: A National Exploration*. Academy of Criminal Justice Sciences. New York, NY.

**Carter, J. G.** & Grommon, E. (2012). *Sustainable Connectivity: A Business Model Case Study for Police Mobile Broadband*. Academy of Criminal Justice Sciences. New York, NY.

**Carter, J. G.** & Chermak, S. (2011). *Evidence-Based Intelligence Practices: Examining the Role of Fusion Centers as a Critical Source of Information*. American Society of Criminology. Washington, DC.

**Carter, J. G.** (2011). *An Empirical Look into Law Enforcement Intelligence Practices*. Academy of Criminal Justice Sciences. Toronto, Ontario.

**Carter, J. G.** (2010). *Implementing Intelligence-Led Policing: Exploratory Findings from State and Local Law Enforcement*. American Society of Criminology. San Francisco, CA.

**Carter, J. G.** (2010). *Context for the Practice and Research of Intelligence-Led Policing*. Academy of Criminal Justice Sciences. San Diego, CA.

**Carter, J. G.** (2010). *Law Enforcement Intelligence: The Need for Evaluation*. Academy of Criminal Justice Sciences. San Diego, CA.

**Carter, J. G.** (2009). *Organizational Behavior: Another Obstacle for Intelligence-Led Policing*. Academy of Criminal Justice Sciences. Boston, MA.

**Carter, J. G.** (2008). *Law Enforcement Education: A Paradigm Shift Towards Intelligence-Led Policing*. Academy of Criminal Justice Sciences. Cincinnati, OH.

**Carter, J. G.** (2007). *Developing a Public-Private Intelligence Capacity: An Assessment of Issues*. Academy of Criminal Justice Sciences. Seattle, WA.

**Carter, J. G.** (2006). *The Effect the Intelligence Training Program has on State, Local, and Tribal Law Enforcement Agencies*. Midwestern Criminal Justice Association. Chicago, IL.

## **Teaching**

### **Teaching Experience**

Experienced in the traditional classroom, hybrid, and fully online/distance learning environments. The below courses have been developed and delivered while in tenure-track/tenured position:

#### **Undergraduate Courses:**

Law Enforcement Systems and Processes  
American Policing  
Crime and Public Policy (senior capstone)  
Public Safety Management and Administration (senior capstone)  
Homeland Security  
Law Enforcement Intelligence Operations  
Criminological Theory  
Issues in Terrorism  
Environmental Risk

#### **Graduate Courses:**

Criminal Justice and Public Safety Policy Evaluation  
Homeland Security  
Crisis Management and Collective Behavior  
Terrorism  
Criminal Justice Capstone

## **Dissertation and Thesis Committees**

Student: David Hatten

Member, Dissertation Advisory Committee (External Member), 2020-2022

Institution: John Jay College of Criminal Justice, CUNY

Student: Wen-Hao Chiang

Member, Thesis Advisory Committee, 2021-2022

Institution: Department of Computer and Information Science, IUPUI

Student: Nahida Chowdhury

Member, Dissertation Advisory Committee, 2018-2021

Institution: Department of Computer and Information Science, IUPUI

Student: Saurabh Pandey

Member, Thesis Advisory Committee, 2017-2019

Institution: Department of Computer and Information Science, IUPUI

## **Service**

### **Academic Service**

Editorial Board, *Journal of Criminal Justice*, 2017-Present.

Editorial Board, *Police Quarterly*, 2017-Present.

Editorial Board, *Journal of Intelligence Analysis*, 2012-Present.

Editorial Board, *Salus Journal*, 2013-Present.

Program Committee, American Society of Criminology. 2017.

Member, Journals Committee, Division of Policing, *American Society of Criminology*. 2015-2017.

Chair, *Standing Scientific Review Panel*, National Institute of Justice, U.S. Department of Justice. 2015.

Member, *Standing Scientific Review Panel*, National Institute of Justice, U.S. Department of Justice. 2014

Editorial Board, *The Homeland Security Review*. 2008-2013.

Editor-in-Chief, *Journal of Intelligence Analysis*. 2010-2013.

Discussant, Academy of Criminal Justice Sciences, *New and Enduring Challenges Facing Correctional Officers*. 2013.

Discussant, Southern Criminal Justice Association, *Causes, Consequences, and Controls of Violent Crime*. 2012.

## **Journal Referee**

*Justice Quarterly; Journal of Criminal Justice; Journal of Research in Crime and Delinquency; Journal of Experimental Criminology; Criminology & Public Policy; Crime & Delinquency; Criminal Justice & Behavior; Policing: An International Journal; Police Quarterly; Policing & Society; Policing: A Journal of Policy and Practice; Homicide Studies; Policy Studies Journal; Criminal Justice Policy Review; Criminal Justice Review; Security Journal; Journal of Policing, Intelligence and Counter-Terrorism; Police Practice and Research; Journal of Crime and Justice; Journal of Police and Criminal Psychology; International Journal of Police Science and Management; Justice Research and Policy; International Journal of Law, Crime, and Justice; Government Information Quarterly; Homeland Security Review; Journal of Intelligence Analysis; Journal of Homeland Security and Emergency Management; Salus Journal; European Journal of Police Studies; Applied Economics Letters; Crime Science*

## **Institutional Service**

Council of Deans, IUPUI, 2021-Present  
Council of Academic Deans, 2021-Present  
Council of Associate Deans of Academic Affairs, 2021-Present  
Co-Chair, IUPUI Campus Strategic Planning – Graduation and Retentions Rates Committee, 2022  
O’Neill-IUPUI Director of Research. 2017-2021  
O’Neill IUPUI Director of Criminal Justice and Public Safety. 2017-2021.  
Member, IUPUI Council of Associate Deans for Research, 2017-2021  
Instructor, O’Neill-IUPUI Online Course Delivery Workshop Series, 2017-2021  
Member, Indiana University Online MSCJPS Steering Committee. 2017-2021  
Chair, O’Neill School Promotion and Tenure Review Committee, 2020-2021  
Elected Member and Chair, O’Neill Faculty Governance Committee, 2019-2021  
Member, IUPUI Associate Vice Chancellor for Research Search and Screen Committee, 2019  
Member, IUPUI Graduate Affairs Committee. 2017-2019.  
Elected Member and Co-Chair, O’Neill Core School Policy Committee, 2015-2017.  
Member, IUPUI Forensic and Investigative Sciences Advisory Committee, IUPUI. 2015-2017.  
Member, O’Neill-IUPUI Graduate Affairs Committee, 2015-2017.  
Advisor, Indiana University Committee to Adopt Police Body Worn Cameras, 2015-2016.  
Member, O’Neill-IUPUI Budget Committee, 2015-2016.  
Member, O’Neill-IUPUI Online Curriculum Committee, 2015-2016.  
Member, O’Neill-IUPUI Undergraduate Affairs Committee, 2014-2015.  
Member, O’Neill-IUPUI Joint Programs Committee, 2014-2015.  
Member, O’Neill-IUPUI Campus Campaign Committee, 2014.  
Co-Chair, University Strategic Planning Committee, UNF. 2012-2013.  
Elected Member, Faculty Association Executive Committee, UNF. 2012-2013.  
Member, Graduate Curriculum Committee, UNF. 2011-2013.  
Member, Under-Graduate Curriculum Committee, UNF. 2011-2013.  
Chair, Law Enforcement Curriculum Committee, UNF. 2011-2012.

## **Honors and Awards**

*Indiana University Presidential Bicentennial Medal*, Indiana University, 2021  
*Indiana University Trustee's Teaching Award*, IUPUI, 2021  
*Research Trailblazer Award*, Indiana University-Purdue University Indianapolis, 2020  
*President's Award of Excellence*, International Association of Law Enforcement Intelligence Analysts. 2013.  
*Sponsored Research Award of Excellence*, University of North Florida. 2012.  
*Jorge Espejal Contreras Scholarship*, International Association of Law Enforcement Intelligence Analysts. 2007.  
*Huff Scholarship Personal Development Grant*, Michigan State University. 2007.

## **Professional Training**

Indiana University, Fundraising Principles for Academic Leaders, Development Training, 2021  
Indiana University, Leading through Inclusive Dialogue, Leadership Development Training, 2021-Present  
Indiana University, Evidence-Informed Promotion of Inclusive Climate (EPIC), Leadership Development Training, 2019-Present  
Indiana University Online Course Design and Development. 2015.  
Certified Online Instructor, Sloan Consortium. 2012.  
Online Instructional Methodologies, Sloan Consortium. 2012.  
i2 iBase4 Investigative Software. 2006.  
i2 Analyst Notebook Investigative Software – Level One. 2005.  
i2 Analyst Notebook Investigative Software – Level Two. 2005.

## **Professional Memberships**

American Society of Criminology  
Academy of Criminal Justice Sciences  
National Associate of School of Public Affairs  
Association of Public Policy Analysis & Management  
Association for Research on Nonprofit Organizations and Voluntary Action  
Police Executive Research Forum  
Midwestern Criminal Justice Association  
Southern Criminal Justice Association  
National Law Enforcement and Corrections Technology Center of Excellence  
National Consortium for the Study of Terrorism and Responses to Terrorism  
American Society for Industrial Security  
State and Local Anti-Terrorism Training  
International Association of Law Enforcement Intelligence Analysts  
International Association of Chiefs of Police  
Lessons Learned Information Sharing  
NYPD Shield Initiative