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## **Education**

### **Ph.D., Criminal Justice, 2008**

*University of Cincinnati*, Division of Criminal Justice, Cincinnati, OH

Dissertation Title: Social conditioning of police officers: Exploring the interactive effects of driver demographics on traffic stop outcomes. Chair: Dr. Robin Engel

### **M.A., Criminology, 2003**

*Simon Fraser University*, Department of Criminology, Vancouver, BC

Thesis Title: Tracking crime patterns: An exploratory data analysis of mass transit systems and criminal events.  
Chair: Dr. Patricia Brantingham

### **B.A. with Honors, 2001**

*Simon Fraser University*, Department of Criminology, Vancouver, BC

## **Employment**

### **University of Texas at San Antonio**

Interim Dean, College for Health, Community and Policy – 2026-Present  
Professor, Department of Criminology & Criminal Justice – 2019-Present  
Associate Dean of Student Success, College for Health, Community and Policy – 2024-2026  
Associate Dean of Graduate Student Success, College for Health, Community and Policy – 2020-2024  
Associate Dean of Research Excellence & Student Success, College of Public Policy – 2019  
Associate Dean of Graduate Studies & Research, College of Public Policy – 2015-2019  
Associate Professor, Department of Criminal Justice – 2013-2019  
Interim Chair, Department of Criminal Justice – 2016-2017  
Assistant Chair, Department of Criminal Justice – 2013-2015  
Assistant Professor, Department of Criminal Justice – 2008-2013

### **University of Cincinnati**

Research Associate, Center for Criminal Justice Research – 2004-2008  
Assistant Director, Policing Institute – 2006-2007  
Instructor, University of Cincinnati – 2005-2006  
Graduate Assistant, Division of Criminal Justice – 2003-2004

### **Simon Fraser University**

Teaching Assistant – 2001-2003  
Research Associate, Institute for Canadian Urban Research Studies (ICURS) – 2001-2003

## **Research**

### ***Research Summary***

- 48 peer reviewed publications
- \$4.5M (approx.) in funded research
- Citations: 2,193
- h-index: 28
- i10-index: 47

### ***Forthcoming Publications***

**Tillyer R.**, Tregle, B., Smith, M.R., & Cardwell, S. (In Press). Treatment dosage for violent crime reduction. *Policing: A Journal of Policy and Practice*.

Tregle B., Olson M., **Tillyer R.**, Smith, M.R., & Nam., Y. (online May 11, 2026). The impact of high-visibility violent crime reduction patrols on property crime. *Crime Science* (2026). Available <https://doi.org/10.1186/s40163-026-00281-1>

Tregle, B., **Tillyer, R.**, & Smith, M.R. (online Jan 30, 2025). Hot spots policing: Assessing the impact on officer-initiated activity. *Police Quarterly*. Available: <https://doi.org/10.1177/10986111251317475>

### ***Peer-Reviewed Published Works***

(\*with graduate student)

Tregle, B., Smith, M.R., Fahmy, C. & **Tillyer, R.**, (2025). More than meets the eye: Examining the impact of hot spots policing on the reduction of city-wide crime. *Crime Science*, 14(3), open access. Available: <https://doi.org/10.1186/s40163-025-00247-9>.

Smith, M.R., **Tillyer, R.**, & Tregle, B. (2024). Hot spots policing as part of a city-wide violent crime reduction strategy: Initial evidence from Dallas. *Journal of Criminal Justice*, 90, 102091. Available: <https://doi.org/10.1016/j.jcrimjus.2023.102091>.

Lovins, L., Tillyer, M.S., Lovins, B., **Tillyer, R.**, & May, T. (2024). An empirical approach to a standard practice: Drug testing. *Crime & Delinquency*, 70(8), 2017-2042. Available: <https://doi.org/10.1177/00111287221125389>

**Tillyer, R.**, Smith, M.R., & Lloyd, C. (2023). May I talk to you for a minute? An assessment of street stops and officer decision-making. *Crime & Delinquency*, 69(9), 1758-1784. Available: <https://doi.org/10.1177/00111287211047541>

Smith, M.R., **Tillyer, R.**, & Engel, R.S. (2023). Race and the use of force by police revisited: Post-Ferguson findings from a large county police agency. *Police Quarterly*, 26(4), 411-440. Available: <https://doi.org/10.1177/10986111221139442>

Tillyer, M.S., Smith, M.R., & **Tillyer, R.** (2023). Findings from the U.S. National Human Trafficking Hotline: A research note. *Journal of Human Trafficking*, 9(3), 398-407. Available: <https://www.tandfonline.com/doi/full/10.1080/23322705.2021.1925493>

**Tillyer, R** (2022). Unpacking sequential actions within use of force incidents. *Police Quarterly*, 25(2), 178-200. Available: <https://doi.org/10.1177/10986111211049549>

Smith, M.R., **Tillyer, R.**, Smith, M., & Lloyd, C. (2022). Assessing police stops of pedestrians: Toward a new generation of benchmarks. *Urban Affairs Review*, 58(4), 1152-1181. <https://journals.sagepub.com/doi/10.1177/10780874211016930>

- Smith, M.R., **Tillyer, R.**, Lloyd, C., & Petrocelli, M. (2021). Benchmarking disparities in police stops: A comparative application of 2nd & 3rd generation techniques. *Justice Quarterly*, 38(3), 513-536. Available: <https://www.tandfonline.com/doi/full/10.1080/07418825.2019.1660395>.
- \*Hinton, M.E., Tillyer, M.S., & **Tillyer, R.** (2021). Victimization, offending, and expectations for future success among high-risk youth. *Deviant Behavior*, 42(6), 777-791. Available: <https://www.tandfonline.com/doi/full/10.1080/01639625.2020.1728029>.
- Tillyer, R.**, Smith, M.R., & Lloyd, C. (2019). Another piece of the puzzle: The importance of officer characteristics and group processes in understanding post-stop outcomes. *Journal of Research in Crime & Delinquency*, 56(5), 736-779. Available: <http://dx.doi.org/10.1177/0022427819843962>.
- Tillyer, M., & **Tillyer, R.** (2019). Co-offending, violence, and situational moderators. *Journal of Criminal Justice*, 64, 52-60. Available: <https://doi.org/10.1016/j.jcrimjus.2019.101626>.
- Hartley, R. & **Tillyer, R.** (2019). Inter-district variation and disparities in federal sentencing outcomes: Case types, defendant characteristics, and judicial demography. *Criminology, Criminal Justice, Law & Society*, 20(3), 46-63. Available: <https://ccjls.scholasticahq.com/article/11132-inter-district-variation-and-disparities-in-federal-sentencing-outcomes-case-types-defendant-characteristics-and-judicial-demography>.
- Hartley, R., & **Tillyer, R.** (2018). Examining prosecutorial discretion in federal criminal cases: legal and extra-legal determinants of declination and charge change decisions. *Justice Quarterly*, 35 (7), 1,195-1,225. Available: <http://dx.doi.org/10.1080/07418825.2018.1530367>.
- Tillyer, R.** (2018). Assessing the impact of community-oriented policing on arrest. *Justice Quarterly*, 35(3), 526-555. Available: <http://dx.doi.org/10.1080/07418825.2017.1327609>.
- Caudy, M., Tillyer, M.S., & **Tillyer, R.** (2018). Jail versus probation: A gender-specific test of differential effectiveness and moderators of sanction effects. *Criminal Justice & Behavior*, 45(7), 949-968. Available: <https://doi.org/10.1177/0093854818766375>.
- Donovan, K.M., **Tillyer, R.**, & Klahm, C.F. (2018). Understanding perceptions of citizen demeanor: Using an experimental design to understand the impact of encounter and observer characteristics. *Policing and Society: An International Journal of Research and Policy*, 28(4), 480-496. Available: <http://www.tandfonline.com/doi/full/10.1080/10439463.2016.1185422>.
- \*Kelsay, J., Tillyer, M., Ward, J., & **Tillyer, R.** (2017). The violent victimization of children, adolescents, adults, and the elderly: Situational characteristics and victim injury. *Violence & Victims*, 32(2), 342-361. Available: <https://doi.org/10.1891/0886-6708.VV-D-16-00004>.
- Nobles, M., Ward, J., & **Tillyer, R.** (2016). The impact of neighborhood context on spatiotemporal patterns of burglary. *Journal of Research in Crime & Delinquency*, 53(5), 711-740. <http://jrc.sagepub.com/content/early/2016/05/10/0022427816647991.full.pdf+html>.
- Tillyer, R.**, & Hartley, R. (2016). The use and impact of fast-track departures: Exploring prosecutorial and judicial discretion in Federal immigration cases. *Crime & Delinquency*, 62(12), 1,624-1,647. <http://cad.sagepub.com/content/early/2013/10/10/0011128713505481.full.pdf+html>.
- Ward, J., Hartley, R.H., & **Tillyer, R.** (2016). Unpacking gender and racial/ethnic biases in federal sentencing of

- drug offenders: A causal mediation approach. *Journal of Criminal Justice*, 46, 196-206.  
[doi:10.1016/j.jcrimjus.2016.05.008](https://doi.org/10.1016/j.jcrimjus.2016.05.008).
- Tillyer, M., & Tillyer, R. (2016). Race, ethnicity, and adolescence violent victimization. *Journal of Youth & Adolescence*, 45(7), 1497-1511. <http://link.springer.com/article/10.1007/s10964-016-0416-3>.
- Tillyer, M., & Tillyer, R. (2015). Maybe I should do this alone: A comparison of solo and co-offending robbery outcomes. *Justice Quarterly*, 32(6), 1064-1088.  
<http://www.tandfonline.com/doi/abs/10.1080/07418825.2014.883422#.UvPUBvldV8E>.
- Tillyer, R., Hartley, R.D., & Ward, J. (2015). Differential treatment of female defendants: Does criminal history moderate the effect of gender on sentence length in federal narcotics cases? *Criminal Justice & Behavior*, 42(7), 703-721. <http://dx.doi.org/10.1177/0093854814560624>.
- \*Tillyer, M., Tillyer, R., & Kelsay, J. (2015). The nature and influence of the victim-offender relationship in kidnapping incidents. *Journal of Criminal Justice*, 43(5), 377-385. <http://dx.doi.org/10.1016/j.jcrimjus.2015.07.002>.
- Klahm, C.F., & Tillyer, R. (2015). Rethinking the measurement of officer experience and its role in traffic stop searches. *Police Quarterly*, 18(4), 343-367. <http://dx.doi.org/10.1177/1098611115585315>.
- Tillyer, R., & Klahm, C.F. (2015). Discretionary searches, the impact of passengers, and the implications for police-minority encounters. *Criminal Justice Review*, 40(3), 378-396. <http://dx.doi.org/10.1177/0734016815581049>.
- Tillyer, R. (2014). Opening the black box of officer decision-making: An examination of race, criminal history, and discretionary searches. *Justice Quarterly*, 31(6), 961-985. <http://dx.doi.org/10.1080/07418825.2012.710646>.
- Tillyer, M.S., & Tillyer, R. (2014). Violence in context: A multilevel analysis of victim injury in robbery incidents. *Justice Quarterly*, 31(4), 767-791. <http://dx.doi.org/10.1080/07418825.2012.696127>.
- McCluskey, J.M., Cancino, J., Tillyer, M.S., & Tillyer, R. (2014). Does organizational structure matter? Investigating centralization, case clearances, and robberies. *Police Quarterly*, 17(3), 250-275.  
<http://dx.doi.org/10.1177/1098611114546229>.
- \*Tillyer, R., Tillyer, M.S., McCluskey, J.D., Cancino, J.M., Todaro, J. & McKinnon, L. (2014). Researcher-practitioner partnerships & crime analysis: A case study in action research. *Police Practice & Research*, 15(5), 404-418.  
<http://dx.doi.org/10.1080/15614263.2013.829321>.
- Tillyer, R., & Engel, R.S. (2013). The impact of drivers' race, gender, and age during traffic stops: Assessing interaction terms and the social conditioning model. *Crime & Delinquency*, 59(3), 369-395.  
<http://dx.doi.org/10.1177/0011128710389583>.
- Engel, R.S., Tillyer, R., Klahm, C.F., & Frank, J. (2012). From the officer's perspective: A multilevel examination of citizens' demeanor during traffic stops. *Justice Quarterly*, 29(5), 650-683.  
<http://dx.doi.org/10.1080/07418825.2011.574643>.
- Hartley, R., & Tillyer, R. (2012). Defending the homeland: Judicial sentencing practices for federal immigration offenses. *Justice Quarterly*, 29(1), 76-104. <http://dx.doi.org/10.1080/07418825.2011.585140>.
- Tillyer, R., & Engel, R.S. (2012). Racial differences in speeding patterns: Exploring the differential offending hypothesis. *Journal of Criminal Justice*, 40(4), 285-295. <http://dx.doi.org/10.1016/j.jcrimjus.2012.04.001>.

- Tillyer, R.,** Klahm, C.F., & Engel, R.S. (2012). The discretion to search: A multi-level examination of driver demographics and officer characteristics. *Journal of Contemporary Criminal Justice*, 28(2), 184-205. <http://dx.doi.org/10.1177/1043986211425721>
- Miller, H.V., **Tillyer, R.,** & Miller, J.M. (2012). Recognizing the need for prisoner input in correctional research: Observations from the Texas in-prison driving while intoxicated reduction program evaluation. *The Prison Journal*, 92(20), 274-289. <http://dx.doi.org/10.1177/0032885512439164>
- Ward, J.T., Nobles, M.R., Lanza-Kaduce, L., Levett, L.M., & **Tillyer, R.** (2011). Caught in their own speed trap: The intersection of speed enforcement policy, police legitimacy, and decision acceptance. *Police Quarterly*, 14(3), 251-276. <http://dx.doi.org/10.1177/1098611111413992>
- \*Tillyer, M.S., **Tillyer, R.,** Miller, H.V., & Pangrac, R. (2011). Reexamining the influence of exposure, guardianship, and target characteristics on adolescent violent victimization. *Journal of Interpersonal Violence*, 26(14), 2908-2928. <http://dx.doi.org/10.1177/0886260510390958>
- Tillyer, R.,** & Klahm, C.F. (2011). Searching for contraband: Assessing the use of discretion by police officers. *Police Quarterly*, 14(2), 166-185. <http://dx.doi.org/10.1177/1098611111404178>
- Tillyer, M.S., Miller, J.M., & **Tillyer, R.** (2011). The environmental and situational correlates of victim injury in non-fatal violent incidents. *Criminal Justice & Behavior*, 38(5), 433-452. <http://dx.doi.org/10.1177/0093854811400250>
- Klahm, C.F., & **Tillyer, R.** (2010). Understanding use of force: A review of the evidence. *Southwest Journal of Criminal Justice*, 7(2), 214-231.
- Tillyer, R.,** & Hartley, R. (2010). Driving racial profiling research forward: Learning lessons from sentencing research. *Journal of Criminal Justice*, 38(4), 657-665. <http://dx.doi.org/10.1016/j.jcrimjus.2010.04.039>
- Tillyer, R.,** Engel, R.S., & Cherkaskas, J.C. (2010). Best practices in vehicle stop data collection and analysis. *Policing: An International Journal of Police Strategies & Management*, 33(1), 69-92. <http://dx.doi.org/10.1108/13639511011020601>
- Engel, R.S., & **Tillyer, R.** (2008). Searching for equilibrium: The tenuous nature of the outcome test. *Justice Quarterly*, 25(1), 54-71. <http://dx.doi.org/10.1080/07418820701717243>
- Tillyer, R.,** Engel, R.S., & Wooldredge, J. (2008). The intersection of racial profiling and the law. *Journal of Criminal Justice*, 36(2), 138-153. <http://dx.doi.org/10.1016/j.jcrimjus.2008.02.004>

### ***Book Chapters***

- Tillyer, R.** (2010). The criminal event perspective. Francis T. Cullen and Pamela Wilcox, eds. *Encyclopedia of Criminological Theory*. Thousand Oaks, CA: Sage Publications.
- \*Miller, H.V., Miller, J.M., **Tillyer, R.,** & Lopez, K. (2010) Recovery and punishment in correctional settings: Reconciling the conflicting objectives of coercive treatment. *Research in Social Problems and Public Policy*, Vol. 17. Amsterdam: Emerald/JAI Press.
- Engel, R.S., Klahm, C.F., & **Tillyer, R.** (2010). Citizens' demeanor, race, and traffic stops. in *Race, Ethnicity & Policing: The issues, methods, research and future*. Stephen K. Rice and Michael White, eds. (pgs., 287-308). New York, NY: New York University Press.

### ***Funded Research (PI or Co-PI)***

Fort Worth, TX. Violence Reduction Planning & Evaluation Project, 2026-27

*Co-Principal Investigator*

A 14-month project to assist the City of Fort Worth, TX. and the Fort Worth Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$218,898)

Dallas, TX. Violence Reduction Planning & Evaluation Project (Year 5-7), 2025-28

*Co-Principal Investigator*

A 36-month project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$333,613)

San Antonio, TX. Violence Reduction Planning & Evaluation Project (Year 4-6), 2025-28

*Co-Principal Investigator*

A 36-month project to assist the City of San Antonio, TX. and the San Antonio Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of San Antonio (\$279,689)

Dallas, TX. Violence Reduction Planning & Evaluation Project (Year 4), 2024-25

*Co-Principal Investigator*

A 12-month project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$110,759)

Salt Lake City, UT. Violence Reduction Planning & Evaluation Project (Year 3), 2024-25

*Co-Principal Investigator*

A 15-month project to assist the City of Salt Lake City, UT. and the Salt Lake City Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Salt Lake City (\$127,644)

San Antonio, TX. Violence Reduction Planning & Evaluation Project (Year 3), 2024-25

*Co-Principal Investigator*

A 12-month project to assist the City of San Antonio, TX. and the San Antonio Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of San Antonio (\$107,970)

Tacoma, WA. Violence Reduction Planning & Evaluation Project (Year 3), 2024-25

*Co-Principal Investigator*

A 12-month project to assist the City of Tacoma, WA. and the Tacoma Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Tacoma (\$110,759)

Smart Policing Initiative: Violence Reduction Planning & Evaluation Project (Dallas, TX), 2022-25

*Co-Principal Investigator*

A 3-year project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: National Institute of Justice (\$500,000); Sub-contract (\$128,808)

Chicago Police Department Use of Force Data Analysis Project, 2023-25

*Co-Principal Investigator*

A 18-month project to assess patterns in use of force within the Chicago Police Department.

Funding Agency: City of Chicago (160,618)

National Violent Offender Bail/Bond Analysis Project, 2023-24

*Co-Principal Investigator*

A 15-month project in partnership with the Major City Chiefs Association (MCCA) to identify patterns of arrest, release on bail/bond, and subsequent re-arrest of violent offenders to help inform local, state, and national policy-makers about these issues of concern.

Funding Agency: Major City Chiefs Association (\$71,449)

Dallas, TX. Violence Reduction Planning & Evaluation Project (Year 3), 2023-24

*Co-Principal Investigator*

A 12-month project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$141,972)

Salt Lake City, UT. Violence Reduction Planning & Evaluation Project (Year 2), 2023-24

*Co-Principal Investigator*

A 12-month project to assist the City of Salt Lake City, UT. and the Salt Lake City Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Salt Lake City (\$123,035)

San Antonio, TX. Violence Reduction Planning & Evaluation Project (Year 2), 2023-24

*Co-Principal Investigator*

A 12-month project to assist the City of San Antonio, TX. and the San Antonio Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of San Antonio (\$115,874)

Tacoma, WA. Violence Reduction Planning & Evaluation Project (Year 2), 2023-24

*Co-Principal Investigator*

A 12-month project to assist the City of Tacoma, WA. and the Tacoma Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Tacoma (\$124,735)

Salt Lake City, UT. Violence Reduction Planning & Evaluation Project, 2022-23

*Co-Principal Investigator*

A 12-month project to assist the City of Salt Lake City, UT. and the Salt Lake City Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Salt Lake City (\$128,303)

San Antonio, TX. Violence Reduction Planning & Evaluation Project, 2022-23

*Co-Principal Investigator*

A 12-month project to assist the City of San Antonio, TX. and the San Antonio Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of San Antonio (\$110,043)

Tacoma, WA. Violence Reduction Planning & Evaluation Project, 2022-23

*Co-Principal Investigator*

A 12-month project to assist the City of Tacoma, WA. and the Tacoma Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Tacoma (\$95,857)

Dallas, TX. Violence Reduction Planning & Evaluation Project (Year 2), 2022-23

*Co-Principal Investigator*

A 12-month project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$98,831)

Livermore Police Department Traffic Stop Project, 2021-22

*Principal Investigator*

A 12-month project to consult with the City of Livermore, CA. on police-civilian encounters and analyze their police departments stops and arrests for patterns and trends.

Funding Agency: City of Livermore, CA. (\$90,000)

Piedmont Police Department Call Data, 2021-22

*Principal Investigator*

A 9-month project to consult with the City of Piedmont, CA. and analyze their police calls for service using quantitative and qualitative methodologies.

Funding Agency: City of Piedmont, CA. (\$99,880)

Dallas, TX. Violence Reduction Planning & Evaluation Project, 2021-22

*Co-Principal Investigator*

A 12-month project to assist the City of Dallas, TX. and the Dallas Police Department with the development, implementation, and evaluation of a violence reduction strategy.

Funding Agency: City of Dallas (\$99,952)

Project Safe Neighborhoods PY21: Violent Crime Response Effort for West Texas (VCREWT), 2020-21

*Co-Principal Investigator*

A 12-month project to assist the US Attorney's Office in the Western District of Texas with violent crime reduction efforts in selected local jurisdictions.

Funding Agency: State of Texas (\$34,119)

Calls for Service Analysis, 2020-21

*Co-Principal Investigator*

A 12-month project to analyze calls for service to the San Antonio Police Department (SAPD); Offer input and advice on SAPD data collection.

Funding Agency: City of San Antonio (\$99,134)

SCC-PG: Advanced Learning for Energy Risk Tracking (ALERT), 2020-21

*Co-Principal Investigator*

A 12-month planning project to develop an NSF proposal for execution of the ALERT system (notification of impending power outage to local residents and businesses).

Funding Agency: National Science Foundation (\$100,000), sub-contract with Texas A&M (\$13,667)

Evaluating an Information-Sharing Platform: Improving Communication Among Child Sex Trafficking Stakeholders, 2019-21

*Co-Principal Investigator*

A 30-month project to evaluate the effectiveness of a data sharing platform for social service providers focused on addressing human trafficking in South Texas.

Funding Agency: The Kronkosky Foundation (\$236,332)

Fairfax County Use of Force Disparity Study, 2020-21

*Co-Principal Investigator*

A 12-month project to assist the Fairfax County, VA. Police Department with identifying patterns and trends in use of force activities.

Funding Agency: Fairfax County, Virginia. (\$99,988)

Project Safe Neighborhoods PY20: Violent Crime Response Effort for West Texas (VCREWT), 2019-20

*Principal Investigator*

A 12-month project to assist the US Attorney's Office in the Western District of Texas with violent crime reduction efforts in selected local jurisdictions.

Funding Agency: State of Texas (\$66,037)

San Jose Police Department Sexual Assault Data Analysis, 2019

*Co-Principal Investigator*

A six-month project to assist the San Jose Police Department with an assessment of sexual assault incidents and their characteristics within their jurisdiction over the past ten years.

Funding Agency: City of San Jose, CA. (\$10,000)

San Jose Police Department Data Audit, 2019-20

*Co-Principal Investigator*

A 12-month project to evaluate the implementation of the San Jose Police Department's data collection effort to be compliant with State Law AB953 which mandates reporting of all police citizen contacts into a central database.

Funding Agency: City of San Jose, CA. (\$10,000)

Improving Human Trafficking Investigations: A Data-Driven Approach (Phase II), 2018-19

*Co-Principal Investigator*

An 18-month project to analyze data from the Polaris Project for the purpose of identifying patterns, trends, correlates, and predictors of calls to the national human trafficking hotline. Additionally, coordinate and manage a multi-partner effort to develop a national human trafficking prediction model.

Funding Agency: Department of Homeland Security through the Center for Investigations and Network Analysis (CINA) at George Mason University (\$191,204)

A Multi-Method Investigation of Officer Decision-Making and Force Used or Avoided in Arrest Situations, 2018-19

*Co-Principal Investigator*

A 15-month project to provide a understanding of how and why police use or desist from the use of force and to identify policy, training, employee screening and monitoring, and other ways that law enforcement agencies can reduce the need for force, lower the rate of injuries or deaths to citizens, and reduce police victimization.

Funding Agency: International Association of Chiefs of Police/University of Cincinnati (\$103,074)

Improving Human Trafficking Investigations: A Data-Driven Approach, 2018

*Co-Principal Investigator*

An eight-month project to assess current Department of Homeland Security data availability and offer suggestions on improving efficiency and effectiveness in response to human trafficking.

Funding Agency: Department of Homeland Security through the Center for Investigations and Network Analysis (CINA) at George Mason University (\$70,000)

City of San Antonio Climate Action and Adaptation Plan (CAAP), 2017-18

*Co-Principal Investigator*

An 18-month project to develop the City's climate action and adaptation plan; specific focus on community engagement.

Funding Agency: CPS Energy (\$500,000)

San Jose Police Department Traffic & Pedestrian Stop Study, 2016-17

*Senior Data Analyst*

A one-year project to analyze the department's traffic and pedestrian stop data.

Funding Agency: San Jose Police Department (\$150,000); Sub-contract with University of Texas at El Paso (\$24,200)

Examining Prosecutorial Discretion in Federal Criminal Cases, 2016-17

*Co-Principal Investigator*

A one-year project investigating prosecutorial decision-making within the federal criminal justice system.

Funding Agency: National Institute of Justice (\$39,823)

San Francisco Police Department Data Analysis Study, 2016

*Senior Data Analyst*

A six-month project to analyze the department's police-citizen contact data.

Funding Agency: US Department of Justice, Office of Community Oriented Policing Services through Hillard Heintze (\$83,000); Sub-contract with University of Texas at El Paso (\$8,000)

City of San Antonio Survey of Budgetary Priorities, 2016

*Co-Principal Investigator*

The project assisted the City with collecting information from residents' views of budgetary priorities through an online survey.

Funding Agency: City of San Antonio (\$18,000)

Harris County Probation Project, 2014-15

*Co-Principal Investigator*

A two-year project assisting Harris County, TX with evidence-based probation decisions.

Funding Agency: Harris County Community Supervision and Corrections Department (\$40,000)

Effect of Prison-Based Alcohol Treatment: A Multi-Site Process and Outcome Evaluation, 2011-13

*Co-Principal Investigator*

A two-year project assessing the quality of Driving While Intoxicated (DWI) programs across three states. Program delivery and effectiveness are the key outcomes of interest.

Funding Agency: National Institute of Justice (\$300,000)

Expanding Knowledge of Decision-Making Practices in Federal Sentencing: Collecting United States Sentencing Commission data on Immigration and Narcotics Case Processing, 2012

*Co-Principal Investigator*

A one-year project to collect data on correlates of decision-making and associated theoretical constructs in immigration and narcotics cases from the US Sentencing Commission in Washington, DC.

Funding Agency: College of Public Policy, University of Texas-San Antonio (\$5,000)

Crime Analysis Consortium (CAC): Building Capacity in Bexar County, Texas, 2010-11

*Co-Principal Investigator*

A two-year project dedicated to partnering with local law enforcement agencies to identify and address local crime problems using theoretically based and empirically viable approaches.

Funding Agency: Bureau of Justice Assistance (\$371,522)

San Antonio Police Department Sexual Misconduct Analysis, 2009

*Co-Principal Investigator*

An analysis of alleged/confirmed SAPD perpetrated sexual assault and related cases since 2000 to identify trends and commonalities across cases.

Funding Agency: City of San Antonio (\$47,000)

Analysis of the In-Prison Driving While Intoxicated (DWI) Recovery Program, 2008

*Co-Principal Investigator*

Assessment of a six-month in-prison treatment program focused on offenders with at least three previous DWI convictions.

Funding Agency: State of Texas Legislative Budget Board (\$78,000)

### ***Other Funded Research***

Project on Police-Citizen Contacts, 2004-08

*Project Manager*

Report writing, statistical analysis, GIS mapping, and managing the collection of the data for a project studying the pre- and post-stop procedures of the Pennsylvania State Police.

Funding Agency: Pennsylvania State Police; P.I. Dr. Robin Engel

Crime Analysis Partnership with the Cincinnati Police Department, 2007

*Project Manager*

This research is designed to assist the Cincinnati Police Department (CPD) with an analysis of their crime analysis unit. The goal is to ensure that the CPD utilizes crime analysis to its full potential in understanding and preventing criminal activity.

Funding Agency: City of Cincinnati, OH; P.I. Dr. Robin Engel

Arizona DPS Traffic Stop Data Analysis Study, 2007

*Project Manager*

This research provides a comprehensive evaluation of traffic and pedestrian stop data collected by DPS troopers. This goal will be accomplished through four phases: 1) analysis of historical and current data collected by the DPS; 2) focus groups examining best practices in search and seizure activities; 3) examination of specialized units within the DPS and 4) citizen surveys to gauge the opinions of Arizona residents who have had contact with DPS within the previous six months.

Funding Agency: State of Arizona; P.I. Dr. Robin Engel

Ohio State Highway Patrol Search and Seizure: Best Practices, 2006-07

*Project Manager*

Oversee focus groups with state troopers regarding their search and seizure procedures. Both qualitative and quantitative analysis of the focus groups and a department wide survey of all officers. Duties include: report writing, statistical analysis, and management of the collection of the data.

Funding Agency: State of Ohio; P.I. Dr. Robin Engel

Traffic Stop Data Collection Project for the Cleveland Division of Police, 2004-06

*Project Manager*

GIS analysis, report writing, and data analysis for an 18-month project with the Cleveland Police Department investigating racial profiling.

Funding Agency: City of Cleveland, OH; P.I. Dr. Robin Engel

Project Safe Neighborhoods (PSN), 2004

*Research Assistant*

Data analysis, GIS mapping, and presentation of trends in crime for the Columbus Police Department.

P.I. Dr. James Frank  
Ohio Service for Crime Opportunity Reduction (OSCOR), 2004

*Research Assistant*

Web construction, project development, and problem solving for the OSCOR project. This year-long project provided local communities with crime-specific problem assistance.

P.I. Drs. John Eck & Bonnie Fisher  
National Victimization Project, 2001-02

*Research Assistant*

Primary analyzer of forensic files for youth offenders using a quantitative coding instrument. Primary interviewer of Aboriginal individuals on a wide range of topics including victimization, education, family history, and neighborhood/community opinions.

P.I.: Dr. Raymond Corrado

## ***Research Reports***

(\*with graduate student)

Smith, M., **Tillyer, R.**, Tregle., B., & Cardwell, S. (2025). *Dallas Violent Crime Reduction Plan: Year 4 Final Report*. Report submitted to the City of Dallas, TX.

Smith, M., **Tillyer, R.**, Tregle., B., & Cardwell, S. (2025). *Salt Lake City Public Safety Plan Evaluation: Quarter 1*. Report submitted to the City of Salt Lake City, UT.

Smith, M., **Tillyer, R.**, & MacDonald, J. (2025). *Chicago Police Department Use of Force Data Analysis Project: Final Report*. Report submitted to the City of Chicago, IL.

Smith, M., **Tillyer, R.**, Tregle., B., & Cardwell, S. (2025). *San Antonio Violent Crime Reduction Plan: Year 2 Final Report*. Report submitted to the City of San Antonio, TX.

Smith, M., **Tillyer, R.**, Tregle., B., & Cardwell, S. (2025). *Dallas Violent Crime Reduction Plan: Year 4 Mid-Year Final Report*. Report submitted to the City of Dallas, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. (2024). *Tacoma Violent Crime Reduction Plan: Year 2 Final Report*. Report submitted to the City of Tacoma, WA.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. ((2024). *San Antonio Violent Crime Reduction Plan: Year 2 Mid-Year Final Report*. Report submitted to the City of San Antonio, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. (2024). *Dallas Violent Crime Reduction Plan: Year 3 Final Report*. Report submitted to the City of Dallas, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. (2024). *Salt Lake City Violent Crime Reduction Plan 2023: Year 2 Mid-Year Final Report*. Report submitted to the City of Salt Lake City, UT.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. (2024). *Dallas Violent Crime Reduction Plan: Year 3 Mid-Year Final Report*. Report submitted to the City of Dallas, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Nam, Y. (2024). *Tacoma Violent Crime Reduction Plan: Year 2 Mid-Year Final Report*. Report submitted to the City of Tacoma, WA.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Fahmy, C.F. (2024). *San Antonio Violent Crime Reduction Plan: Year 1 Final Report*. Report submitted to the City of San Antonio, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., Fahmy, C.F., & Nam, Y. (2023). *Salt Lake City Violent Crime Reduction Plan 2023: Year 1 Final Report*. Report submitted to the City of Salt Lake City, UT.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Fahmy, C.F. (2023). *Dallas Violent Crime Reduction Plan: Year 2 Final Report*. Report submitted to the City of Dallas, TX.

Smith, M., **Tillyer, R.**, Tregle., B., Cardwell, S., & Fahmy, C.F. (2023). *Tacoma Violent Crime Reduction Plan: Year 1 Final Report*. Report submitted to the City of Tacoma, WA.

Smith, M., **Tillyer, R.**, Tregle., B. (2023). *Tacoma Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 4*. Report submitted to the City of Tacoma, WA.

Smith, M., **Tillyer, R.**, Tregle., B. (2023). *Salt Lake City Violent Crime Reduction Plan 2023: Year 1 Mid-Year Final Report*. Report submitted to the City of Salt Lake City, UT.

- Smith, M., **Tillyer, R.**, Fahmy, C. (2023). *San Antonio Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 2*. Report submitted to the City of San Antonio, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2023). *Tacoma Violent Crime Reduction Plan: 2023 Mid-Year Evaluation*. Report submitted to the City of Tacoma, WA.
- Smith, M., **Tillyer, R.**, Cardwell, S., Tregle, B. (2023). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 8*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2023). *Salt Lake City Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 2*. Report submitted to the City of Salt Lake City, UT.
- Smith, M., **Tillyer, R.**, Fahmy, C. (2023). *San Antonio Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 1*. Report submitted to the City of San Antonio, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2023). *Tacoma Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 2*. Report submitted to the City of Tacoma, WA.
- Smith, M., **Tillyer, R.**, Cardwell, S., Tregle, B. (2023). *Dallas Violent Crime Reduction Plan: 2023 Mid-Year Evaluation*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2023). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 6*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2022). *Salt Lake City Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 1*. Report submitted to the City of Salt Lake City, UT.
- Smith, M., **Tillyer, R.**, Tregle, B. (2022). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 5*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Tregle, B. (2022). *Tacoma Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 1*. Report submitted to the City of Tacoma, WA.
- Smith, M., **Tillyer, R.**, Tregle, B. (2022). *Dallas Police Department Violent Crime Reduction Plan: Year 1 Evaluation*. Report submitted to the City of Dallas, TX.
- Smith, M., & **Tillyer, R.** (2022). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 3*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Fahmy, C., & Cardwell, S. (2022). *Evaluating an Information-Sharing Platform: Improving Communication Among Child Sex Trafficking Stakeholders* Report submitted the Kronkosky Foundation.
- Smith, M., & **Tillyer, R.** (2022). *An Assessment of Requests for Police Services in Piedmont, California*. Report submitted to the City of Piedmont, CA.
- Smith, M., & **Tillyer, R.** (2022). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 2*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, & Engel, R. (2021). *An Investigation of the Use of Force by the Fairfax County Police Department: Revised with Addendum*. Report submitted to Fairfax County, VA.
- Smith, M. & **Tillyer, R.** (2021). *Public Requests for Assistance from the San Antonio Police Department (SAPD): An Assessment of Calls for Service Received between Jan 2018-Oct 2020*. Report submitted to the City of San Antonio, TX.
- Smith, M., & **Tillyer, R.** (2021). *Dallas Violent Crime Reduction Plan Hot Spot Intervention Evaluation: Period 1*. Report submitted to the City of Dallas, TX.
- Smith, M., **Tillyer, R.**, Engel, R., & Shoulberg, A.M. (2020). *A Multi-Method Investigation of Officer Decision-Making and Force Used or Avoided in Arrest Situations: Tulsa, Oklahoma and Cincinnati, Ohio Police Use of Force Narrative Data Analysis Report*. Report submitted to the International Association of Chief of Police (IACP)/University of Cincinnati (UC) Center for Police Research and Policy and the Tulsa OK Police Department.
- Smith, M., **Tillyer, R.**, Engel, R., & Cherkauskas, J. (2019). *A Multi-Method Investigation of Officer Decision-Making and Force Used or Avoided in Arrest Situations: Tulsa, Oklahoma Police Department Administrative Data Analysis Report*. Report submitted to the International Association of Chief of Police (IACP)/University of Cincinnati (UC) Center for Police Research and Policy and the Tulsa OK Police Department.
- Tillyer, M., Smith, M., & **Tillyer, R.** (2019). *Polaris Data Analysis Report*. Report submitted to the Center for Investigations and Network Analysis (CINA) at George Mason University.
- Smith, M., & **Tillyer, R.** (2018). *Improving Human Trafficking Investigations: A Data-Driven Approach*. Report submitted to the Center for Investigations and Network Analysis (CINA) at George Mason University.

- Tillyer, R.,** & Hartley, R. (2017). *Examining Prosecutorial Discretion in Federal Criminal Cases*. Report submitted to the National Institute of Justice.
- Smith, M., Rojek, J., **Tillyer, R.,** & Lloyd, C. (2017). *San Jose Police Department Traffic and Pedestrian Stop Study*. Report submitted to the City of San Jose, CA. Available at: [http://www.sjpd.org/Records/UTEP-SJPD\\_Traffic-Pedestrian\\_Stop\\_Study\\_2017.pdf](http://www.sjpd.org/Records/UTEP-SJPD_Traffic-Pedestrian_Stop_Study_2017.pdf)
- COPS Office (2016). *Collaborative reform initiative: An assessment of the San Francisco Police Department*. Available at: <https://ric-zai-inc.com/ric.php?page=detail&id=COPS-W0817>. Co-author on this report.
- Tillyer, M., & **Tillyer, R.** (2015). *Patterns and outcomes of drug tests administered from January 2011 to December 2014*. University of Texas at San Antonio, Submitted to the Department of Harris County Community Supervision and Corrections (HCCSC).
- Miller, J.M., Miller, H.V., & **Tillyer, R.** (2013). *Effect of prison-based alcohol treatment: A multi-site process and outcome evaluation final report*. University of Texas at San Antonio, Submitted to the National Institute of Justice.
- \*McCluskey, J.M., **Tillyer, R.**, Tillyer, M., Cancino, J., McKinnon, L., & Todaro, B. (2012). *Crime analysis consortium: Building capacity in Bexar County, Texas*. University of Texas at San Antonio, Submitted to the Bureau of Justice Assistance.
- \*McCluskey, J.M., Cancino, J., **Tillyer, R.**, Tillyer, M., & Prock, W. (2011). *The San Antonio Police Department's robbery task force: An analysis of clearance and crime control impacts of centralized investigation*. University of Texas at San Antonio, Submitted to the City of San Antonio, San Antonio, TX.
- \***Tillyer, R.**, McKinnon, L., Tillyer, M., McCluskey, J., & Cancino, J. (2011). *Family violence case processing & trends, 2002-2010*. University of Texas at San Antonio, Submitted to the City of San Antonio, San Antonio, TX.
- Miller, J.M., **Tillyer, R.**, Tewksbury, R., & Lopez, K. (2009). *San Antonio Police Department sexual misconduct analysis: Final report*. University of Texas at San Antonio, Submitted to the City of San Antonio, San Antonio, TX.
- Miller, J.M., Miller, H.V., **Tillyer, R.**, & Mikow, J. (2009). *Analysis of the Texas Department of Criminal Justice substance abuse treatment funding for in-prison driving while intoxicated (DWI) recovery program, Final report*. University of Texas at San Antonio, Submitted to the Texas Legislative Budget Board, Austin, TX.
- Miller, J.M., Miller, H.V., **Tillyer, R.**, & Mikow, J. (2009). *Analysis of the Texas Department of Criminal Justice substance abuse treatment funding for in-prison driving while intoxicated (DWI) recovery program, Interim report*. University of Texas at San Antonio, Submitted to the Texas Legislative Budget Board, Austin, TX.
- Engel, R.S., **Tillyer, R.**, & Cherkauskas, J.C. (2009). *Project on police-citizen contacts: Final report, 2007 – DRAFT*. University of Cincinnati, Submitted to the Commissioner of the Pennsylvania State Police, Harrisburg, PA.
- Engel, R.S., **Tillyer, R.**, & Cherkauskas, J.C. (2008). *Project on police-citizen contacts: Final report, 2006*. University of Cincinnati, Submitted to the Commissioner of the Pennsylvania State Police, Harrisburg, PA.
- Tillyer, R.** & Engel, R.S. (2007). *Crime analysis partnership with the Cincinnati Police Department*. University of Cincinnati, Submitted to the Cincinnati Police Department, Cincinnati, OH.
- Engel, R.S., **Tillyer, R.**, Cherkauskas, J.C., & Frank, J. (2007). *Traffic stop data analysis study: Year 1 final report*. Submitted to the Arizona Department of Public Safety, Phoenix, AZ.
- Engel, R.S., Cherkauskas, J.C., & **Tillyer, R.** (2007). *Traffic stop data analysis study final report: Literature review and review of other jurisdictions*. Submitted to the Arizona Department of Public Safety, Phoenix, AZ.
- Engel, R.S., **Tillyer, R.**, Stoddard, C., & Johnson, R.R. (2007). *Project on police-citizen contacts: Final report, years 2004 – 2005*. Submitted to the Pennsylvania State Police, Commissioner, Harrisburg, PA.
- Engel, R.S., **Tillyer, R.**, & Cherkauskas, Jennifer. (2007). *Understanding best search and seizure practices: Final report*. Submitted to the Ohio State Highway Patrol, Office of the Superintendent, Columbus, OH.
- Engel, R.S., **Tillyer, R.**, & Stoddard, C., & Klahm, C. (2007). *Understanding best search and seizure practices: Interim report*. Submitted to the Ohio State Highway Patrol, Office of the Superintendent, Columbus, OH.
- Engel, R.S., Frank, J., **Tillyer, R.**, Klahm, C. (2006). *Cleveland Division of Police traffic stop study: Final report*. Submitted to the City of Cleveland, Division of Police, Office of the Chief, Cleveland, OH.
- Engel, R.S., Johnson, R.R., & **Tillyer, R.** (2006). *Examining racial and ethnic disparities in search and seizure rates: Interim report*. Submitted to the Pennsylvania State Police, Office of the Commissioner, Harrisburg, PA.
- Tillyer, R.**, Klahm, C., Engel, R.S., & Frank, J. (2005). *Pilot test report for the Cleveland Division of Police traffic stop study*. Submitted to the City of Cleveland, Division of Public Safety, Cleveland, OH.

- Engel, R.S., Calnon, J.M., **Tillyer, R.**, Johnson, R.R. Liu, L., & Wang, X. (2005). Project on police-citizen contacts, Year 2 final report. Submitted to the Pennsylvania State Police, Harrisburg, PA.
- Engel, R.S., **Tillyer R.**, & Wooldredge, J. (2004). Critique of Solop's I-40 and I-17 stop data reports. Report submitted to the U. S. District Attorney's Office (District of Arizona) in the matter of *U.S. v. Gayle*.

### ***Conference Presentations***

(\*with graduate student)

- Cardwell, S., Smith, M.R., Tregle, B. & Tillyer, R. (2024). Focused Deterrence Neighborhood Outreach: Evidence from Dallas. ASC, San Francisco, CA.
- Tregle, B., **Tillyer, R.**, & Smith, M.R. (2024). The Effects of Hot Spots Dosage on Crime: Understanding the levels required to achieve violent crime reductions. ASEBP, Spokane, WA.
- Smith, M., **Tillyer, R.**, Tregle, B., Cardwell, S. & Nam, Y. (2024). The Dallas Crime Plan: Replication Results from Tacoma, Salt Lake City, and San Antonio. ACJS, Chicago, IL.
- Smith, M., & **Tillyer, R.** (2023). A Violent Crime Plan and Dedicated PSN Unit. BJA, Indianapolis, IN.
- Tregle, B., **Tillyer, R.**, & Smith, M.R. (2023). Do Hot Spots Policing Strategies Lead to Increased Self-Initiated Officer Activity in Targeted Areas? ASC, Atlanta, GA.
- Smith, M., **Tillyer, R.**, & Tregle, B. (2023). National Violent Offender Bail/Bond Analysis Project. MCCA. San Diego, CA.
- Smith, M., **Tillyer, R.**, Tregle, B., Cardwell, S. & Nam, Y. (2023). The Impact of the Dallas Crime Plan on Violent Crime in Dallas and Replication Cities. IACP, San Diego, CA.
- Tregle, B., **Tillyer, R.**, & Smith, M.R. (2023). Arrest, Bail/Bond Release, and Re-Arrest in Two Large Texas Cities. ACJS, Baltimore, MD.
- Tregle, B., **Tillyer, R.**, & Smith, M.R. (2022). Violent crime reduction in Dallas, TX: A one year evaluation. ASC, Atlanta, GA.
- Smith, M., **Tillyer, R.**, & Engel, R. (2022). Racial disparities and the use of force: Findings and implications from a large county police agency. ACJS, Las Vegas, NV.
- Smith, M., **Tillyer, R.**, & Engel, R. (2021). Resistance as a consistent predictor of force: Emerging evidence of change. ASC, Chicago, IL.
- \*Borden, J., **Tillyer, R.**, Smith, M., Engel, R., & Shoulberg, A. (2019). The devil is in the details: Coding and analyzing narrative descriptions of use of force incidents. ASC, San Francisco, CA.
- Tillyer, R.**, Smith, M.R., & Lloyd, C. (2018). May I talk to you for a minute? An examination of police contacts with pedestrians. ASC, Atlanta, GA.
- Hartley, R., & **Tillyer, R.** (2018). Examining prosecutorial discretion in federal criminal cases: Legal and extra-legal determinants of declination decisions. ASC, Atlanta, GA.
- Smith, M., **Tillyer, R.**, & Lloyd, C. (2017). The role of officer characteristics in explaining police-citizen encounter outcomes. ASC, Philadelphia, PA.
- Hartley, R.D., & **Tillyer, R.** (2016). Inter-district variation and disparities in federal sentencing outcomes: Case types, defendant characteristics, and judicial demography. ASC, New Orleans, LA.
- Caudy, M., Tillyer, M., & **Tillyer, R.** (2016). Jail versus probation: An examination of main and moderating influences on recidivism. ACJS, Denver, CO.
- Nobles, M., Ward, J., & **Tillyer, R.** (2015). An examination of social disorganization effects on repeat and near repeat burglary. ASC, Washington, DC.
- \***Tillyer, R.**, Tillyer, M., & Kelsay, J. (2014). Examining the predictors of kidnapping clearance using data from the National Incident Based Reporting System. ASC, San Francisco, CA.
- Tillyer, R.** & Klahm, C.K. (2014). The decision to search: A numbers game. ACJS, Philadelphia, PA.
- Hartley, R.D., Ward, J., & **Tillyer, R.** (2013). Gender and criminal court outcomes: Does criminal history matter? ASC, Atlanta, GA.
- Tillyer, R.**, & Hartley, R.D. (2013). Defending the homeland: Judicial sentencing practices for Federal immigration offenses. ACJS, Dallas, TX.
- Ward, J.T., Hartley, R.D., & **Tillyer, R.** (2012). Prosecutorial and (or) judicial bias in federal drug cases? Decomposing

- the effects of race and gender on sentence length. ASC, Chicago, IL.
- Miller, J.M., Miller, H.V., & **Tillyer, R.** (2012). Program fidelity in correction research: Observations from a multi-state DWI reduction program evaluation. ACJS, New York, NY.
- \*Todaro, J., McKinnon, L., **Tillyer, R.**, & Tillyer, M. (2011). The crime analysis consortium: Merging theory and practice. ASC, Washington, DC.
- \*McCluskey, J.M., Cancino, J., Tillyer, M., **Tillyer, R.**, & Prock, W. (2011). The impact of reorganizing investigations on case processing and outcomes. ASC, Washington, DC.
- Tillyer, R.**, & Hartley, R. (2011). Fast track programs and unwarranted sentencing disparity: Prosecutorial and judicial discretion in federal immigration cases. ASC, Washington, DC.
- Ward, J., Nobles, M., Youstin, T., & **Tillyer, R.** (2011). The effectiveness of neighborhood watch programs for minimizing near repeat crimes. ASC, Washington, DC.
- \***Tillyer, R.**, Tillyer, M. McKinnon, L., Todaro, J., & Gonzalez, T. (2011). Action research partnerships: Growing a relationship from scratch. ACJS, Toronto, ON.
- Klahm, C.F., Donovan, K., & **Tillyer, R.** (2011). Exploring the impact of extra-legal characteristics on perceptions of demeanor using an experimental design. ACJS, Toronto, ON.
- Hartley, R. & **Tillyer, R.** (2010). Defending the homeland: Judicial sentencing practices for Federal immigration offenses. ASC, San Francisco, CA.
- Engel, R.S., Cherkauskas, J.C., & **Tillyer, R.** (2010). Race effects or model misspecification? Understanding racial and ethnic disparities in traffic stop outcomes by the Arizona Department of Public Safety. ACJS, San Diego, CA.
- Tillyer, M., **Tillyer, R.**, & Miller, H.V. (2010). An integrated theoretical approach to violent victimization. ACJS, San Diego, CA.
- Tillyer, M., McCluskey, J., **Tillyer, R.**, & Cancino, J. (2009). The effects of police crackdowns on crime: Exploring the temporal and spatial limits of two approaches. ASC, Philadelphia, PA.
- Tillyer, R.** & Engel, R.S. (2009). Driver demographics & traffic stop outcomes. ACJS, Boston, MA.
- Tillyer, R.** & Engel, R.S. (2008). Decision points in criminal justice: The parallel history and future of sentencing and bias-based policing research. ASC, St. Louis, MO.
- Tillyer, R.** & Engel, R.S. (2007). The intersection of gender and race in traffic stop outcomes. ASC, Atlanta, GA.
- Engel, R.S. & **Tillyer, R.** (2007). Police search decisions during traffic stops: Understanding low Hispanic hit rates. ACJS, Seattle, WA.
- Tillyer, R.**, Engel, R.S., Frank, J., & Klahm, C.F. (2006). Benchmarks in an urban setting: A comparison of traffic observations and residential Census populations. ASC, Los Angeles, CA.
- Engel, R.S., Frank, J., Klahm, C.F., & **Tillyer, R.** (2006). Understanding police decision making during traffic stops: Results from the Cleveland Division of Police traffic stop study. ASC, Los Angeles, CA.
- Tillyer, R.**, Engel, R.S., & Wooldredge, J. (2005). Beyond drivers' race and ethnicity: The influence of organizational and community characteristics on traffic stop dispositions in Arizona. ASC, Toronto, ON.
- Tillyer, R.**, Engel, R.S., & Wooldredge, J. (2005). Examining traffic stop dispositions: Results from the Arizona Department of Public Safety. ACJS, Chicago, IL.
- Tillyer, R.** & Engel, R.S. (2004). Modeling racial and ethnic disparities in traffic stops: A macro-level approach. ASC, Nashville, TN.

### ***Invited Presentations***

- Tillyer, R.** (2025). Best Practices for Collecting and Analyzing Police Stop Data. Major City Chiefs Association, Atlanta, GA.
- Smith, M.R., & **Tillyer, R.** (2023). The Case for Evidenced-Based Policing and Data-Driven Solutions. Major City Chiefs Association, Washington, DC.
- Smith, M., & **Tillyer, R.** (2021-23). A series of reports delivered to the City of Dallas Public Safety Commission on the status of the City's violent crime plan (August, 2021, September 2021, January 2022, May 2022, June 2022, May 2023).
- Smith, M., & **Tillyer, R.** (2023). A violent crime plan update delivered to the City of San Antonio City Council (May 2023).

- Smith, M., & **Tillyer, R.** (2023). A violent crime plan update delivered to the City of Salt Lake City Council (May 2023).
- Smith, M., & **Tillyer, R.** (2023). A violent crime plan update delivered to the City of Tacoma City Council (May 2023).
- Smith, M.R., **Tillyer, R.**, & Tregle, B. (2022). The Dallas crime plan: Year 1 results. IACP, Dallas, TX.
- Smith, M., & **Tillyer, R.** (2021). Dallas violent crime reduction plan: Early evidence of success. Delivered to the Major City Chiefs Association, Long Beach, August 2021.
- Smith, M., & **Tillyer, R.** (2019). City of San Jose sexual assault analysis. Delivered to the San Jose City Council, San Jose, CA. November 2019.
- Tillyer, R.** (2016). Elements of successful crime reduction strategies. Delivered by invitation to the Criminal Justice Coordinating Council, San Antonio, TX, September 2016.
- Tillyer, R.** & Engel, R.S. (2007). Crime analysis partnership with Cincinnati Police Department. Project overview delivered to Cincinnati Police Department Command Staff Retreat, October 2007.
- Tillyer, R.**, & Engel, R.S. (2007). Crime analysis partnership with Cincinnati Police Department. Progress reports delivered to Cincinnati Police Department Command Staff, Monthly.
- Engel, R.S., **Tillyer, R.**, & Cherkauskas, J. (2007). Identifying best practices in search & seizure activity: Final report. Presentation delivered to Ohio State Highway Patrol Command Staff, June 25, 2007.
- Engel, R.S., Frank, J., **Tillyer, R.**, Cherkauskas, J. (2007). Overview of the Arizona Department of Public Safety traffic stop data analysis study. Presentation delivered to Arizona DPS Command Staff, March & May, 2007.
- Engel, R.S., **Tillyer, R.**, & Stoddard, C., & Klahm, C. (2006). Identifying best practices in search and seizure practices for the Ohio State Highway Patrol: Interim report. Presentation delivered to the Ohio State Highway Patrol, Columbus, OH., August 29, 2006.
- Frank, J., Engel, R.S., **Tillyer, R.**, & Klahm, C. (2006). Cleveland Division of Police traffic stop study: Final report. Presentation delivered to the City of Cleveland, Division of Police, Office of the Chief, Cleveland, OH, August 2, 2006.
- Engel, R.S., Frank, J., Klahm, C.F., & **Tillyer, R.** (2005). Cleveland Division of Police traffic stop study: Interim report. Presentation delivered to the City of Cleveland, Division of Police, Office of the Chief, Cleveland, OH, December, 15, 2005.
- Tillyer, R.** & Klahm, C.F. (2005). A 'shot' of crime: A spatial exploration into the relationship between liquor establishments and violent crimes. Poster Forum presented at the University of Cincinnati Graduate Recruitment Weekend, Cincinnati, OH, March 4, 2005.
- Engel, R.S. & **Tillyer, R.** (2005). The state of racial profiling research: Analytical issues involved in benchmarking and examining post-stop outcomes. Presentation delivered to the Ohio Highway Patrol, Columbus, OH, March 1, 2005.
- Engel, R.S., Frank, J., Klahm, C.F., & **Tillyer, R.** (2004). Traffic stop study for the Cleveland Division of Police. Presentation to the Cleveland Division of Police Command Staff, August 18, 2004.
- Frank, J., Klahm, C., & **Tillyer, R.** (2004). Crime trends in Columbus, OH. Presentation to the Columbus Police Department Command Staff, July 28, 2004.

## **Teaching**

### ***Classes Taught***

*University of Texas-San Antonio*

#### Graduate

- Policy Formation & Implementation (2x)
- Minorities & the Criminal Justice System (3x)
- Research Methods (3x)
- Capstone (11x)

#### Undergraduate

- Research Design & Analysis (8x)
- Introduction to Policing (2x)
- Victimology (7x)

Race, Ethnicity & the Criminal Justice System (2x)

*University of Cincinnati*

Graduate

GIS & Crime Analysis

Undergraduate

Statistics in Criminal Justice

Crime Prevention

Criminal Justice Research Methods

### ***Graduate Mentorship***

*University of Texas-San Antonio*

Marissa Hinton, Thesis Committee Member – Graduated 2018

Taylor Wade, Chair Thesis – Graduated 2015

James Kelsay, Thesis Committee Member – Graduated 2015

Layla McKinnon, Chair Thesis – Graduated 2013

Carlin Jimenez, Thesis Committee Member – Graduated 2013

Caitlin Richards, Thesis Committee Member – Graduated 2013

Kristina Lopez, Thesis Committee Member – Graduated 2011

Katie Greenup, Thesis Committee Member – Graduated 2011

### ***Teaching Assistant***

*Simon Fraser University*

Quantitative Research Methods (2x)

Criminological Theory (2x)

Sociological Explanation of Criminal Behavior

Human Rights and Civil Liberties

Social Problems

### ***Lectures***

*Simon Fraser University*

Environmental Criminology, Crime Mapping/Archival Research Methods, Social Learning Theory, Social Control Theory, Labeling Theory, Masculinities Theory

*Kwantlen University College*

Evolution of Criminological Theory

## **Service**

### ***Discipline***

Executive Board Member on the Division of Policing, American Society of Criminology (2020-2023)

Co-Chair, ACJS 2020 Annual Conference

Coordinated and planned all aspects of the 2020 ACJS annual meeting in San Antonio, TX.

NIJ Reviewer of Grant Submission, 2019 - Current

Reviewed proposals for funding and worked collaboratively with other reviewers to make funding recommendations to NIJ.

### ***University of Texas at San Antonio***

University

Institute of Law & Public Affairs Advisory Council 2018-2020

Invited member of advisory board

Graduate Education Task Force 2019-2020

Ad-Hoc committee to plan graduate education for the University

College for Health, Community, and Policy Transition Team 2019

Ad-Hoc committee to engage planning for the creation of a new College to begin operation in 2020

Human Health Task Force 2018-19

Ad-Hoc committee to consider the development of a new institutional unit focused on health

Research Computing Advisory Group 2016-2019

Ad-Hoc committee dedicated to computing infrastructure for research activities

Women Faculty Task Force 2017-2019

Ad-Hoc committee to assess equity and inclusion of women faculty at UTSA

President's Distinguished Achievement Award for Research 2017-2019

Ad-Hoc committee to acknowledge faculty for their outstanding research contributions

Undergraduate Research Advisory Committee 2017-2019

Ad-Hoc committee to promote undergraduate research across the University

Search Committee 2019

Ad-Hoc committee to hire a new Vice President for Research

Search Committee 2019

Ad-Hoc committee to hire a new Science and Engineering Research Service Center Assistant Director

Search Committee 2018

Ad-Hoc committee to hire a new Director of Undergraduate Research

Search Committee 2018

Ad-Hoc committee to hire a new Vice President for Information Management and Technology

Search Committee 2018

Ad-Hoc committee to hire a new Vice Provost for Graduate Studies and Dean of the Graduate School

Search Committee 2015-2016

Ad-Hoc committee to hire a new Library Dean

Campus Carry Committee 2015-2016

Ad-Hoc committee to implement the new legislation regarding firearms on campus

Research Advisory Board 2010-2015

Ad-Hoc committee to review all policies and procedures related to funded research

Core Curriculum Committee 2008-2014

Assessment of changes to the Core Curriculum; Review of teaching awards; Chair of Sub-Committee

Academic Inquiry 2013-2014

Ad-Hoc committee to inform the development of the social and behavioral sciences component of a new core course, Academic Inquiry

Faculty Appreciation Committee 2011

Ad-Hoc committee tasked with developing ways in which the University can show appreciation to the faculty for their efforts

Responsible Conduct for Research Committee 2010

Ad-Hoc committee tasked with adopting new federal regulations as issued by NIH and NSF

Food Services Committee 2008-2009

Assessment of University-wide food services

## College

Associate Dean of Student Success 2024-Present

Responsible for overseeing all undergraduate and graduate programs within the College for Health, Community and Policy

Associate Dean of Graduate Student Success 2020-2024

Responsible for overseeing all graduate programs within the College for Health, Community and Policy

College Faculty Review Advisory Committee 2022-2024

Review of applications for promotion and tenure within the College

Associate Dean of Research Excellence & Student Success 2019

Responsible for overseeing all research activities and the undergraduate and graduate programs within the College

Associate Dean of Graduate Studies & Research (ADGSR) 2015-2019

Responsible for overseeing graduate programs and research activities within the College

College Workload Committee 2018

Chair of a committee to review and update workload policy for the College

Web-site 2017-2018

Oversaw the complete re-design of the College web-site

Faculty Development and Research Committee 2010-11; 2013-2015

Responsible for delineation of travel funds and research support for College faculty

College of Public Policy Hiring Committee 2010-2011; 2014

Ad-Hoc committee responsible for hiring a new research coordinator and administrative personnel for the College

Department Faculty Review Advisory Committee 2013

Invited member of promotion and tenure committee for a candidate in the Demography department

Institute for Demographic & Socioeconomic Research (IDSER) Steering Committee 2011-2015

Responsible for coordinating research activities between the College and IDSER

College of Public Policy Bylaw Committee 2010-2012

Ad-Hoc committee responsible for reviewing and modifying the college bylaws

Department

Comprehensive Exam Committee 2014-Present

Chair, Reviewed all comprehensive exams for the graduate program in Spring and Fall.

Department Faculty Review Advisory Committee 2013-Present

Review of applications for promotion and tenure within the department

Search Committee

2021-22: Chair, Review of applicants for one tenure-track position; Assist in recruiting and interviewing for the position

2014-15: Chair, Review of applicants for two tenure-track positions; Assist in recruiting and interviewing for the position

2013-14: Member, Review of applicants for two tenure-track positions; Assist in recruiting and interviewing for the position

2010-11: Member, Review of applicants for tenure-track position; Assist in recruiting and interviewing for the position

Annual Faculty Merit Review Committee 2012-13; 2014-15; 2017-18; 2018-19

2018-19: Chair, Assessed all faculty members' 2018 productivity based on department merit guidelines

2017-18: Chair, Assessed all faculty members' 2017 productivity based on department merit guidelines

2014-15: Member, Assessed all faculty members' 2014 productivity based on department merit guidelines

2012-13: Chair, Assessed all faculty members' 2012 productivity based on department merit guidelines

Interim Chair 2016-2017

Oversee all department administrative functions including scheduling, budgetary responsibilities, and faculty/staff reviews

Assistant Chair/\*Undergraduate Advisor of Record 2013-2015

Assist Chair of the department with all administrative functions; Responsible for all undergraduate program issues including but not limited to course review, recruitment, undergraduate research

Faculty Senator 2013-2015

Department of Criminal Justice representative on the UTSA Faculty Senate

Vice-Chair 2014-2015

Member of the Executive Committee (2013-2015)

Member of the HOP Sub-Committee (2014-2015)

Chair of the Budget Sub-Committee (2014-2015)

Member of the Research Sub-Committee (2013-2015)

Graduate Program Committee 2011-2013

Oversees all graduate program functioning

Scholarship Committee 2011-2013

Responsible for awarding all scholarships for graduate and undergraduate students

Ad-Hoc Merit Review Committee 2011-2013

Assess and recommend changes to merit review criteria

Bookstore Liaison 2008-2013

Conduit between the Department of Criminal Justice and the bookstore

Ad-Hoc Course Scheduling Committee 2008; 2011

Development of 3-year undergraduate schedule

### ***University of Cincinnati***

Department

Graduate Student Committee 2004-2008

Primary Responsibilities: organize meetings with students, presentations at meetings, and a resource for new students.

### ***Simon Fraser University***

Department

Appointments Committee 2000-2001

Graduate Representative: File evaluation; interview and attend presentations of job candidates for tenure-track positions within the School

### ***Professional Associations***

*University of Cincinnati Institute of Crime Science, Faculty Affiliate*

Member since 2008

*American Society of Criminology*

Member since 2002

2014-2018: Division of Victimology Nominations and Election Committee Member

*Academy of Criminal Justice Sciences*

Member since 2004

2015-16: Publications Committee Member

### ***Editorial Board Member***

*Journal of School Violence* (2016)

*Journal of Criminal Justice* (2020)

### ***Journal Reviewer***

*American Journal of Criminal Justice, Crime & Delinquency, Criminal Justice & Behavior, Criminology, Journal of Contemporary Criminal Justice, Journal of Criminal Justice, Journal of Research in Crime and Delinquency, Justice Quarterly, Police Practice and Research, Police Quarterly, Policing, Race and Justice, Sex Roles, Social Problems, Southwest Journal of Criminal Justice, The Sociological Quarterly*

### ***Professional Training***

Leadership Academy, University of Texas at San Antonio, 2014-15

Structural Equation Modeling, University of Texas Summer Statistics Institute, 2011

Time Series Analysis Workshop, ASC, 2009

Propensity Score Workshop, ASC, 2007

Geographic Information Systems (GIS) training on ArcGIS through ESRI, 2005.

Advanced training on spatial analysis using ArcGIS 9.1, 2005

SPSS training, 2005

Geographic Information Systems (GIS) training on ArcGIS through GIS Cubed, 2004

### ***Awards***

COPP Presidential Research Award Nominee, 2018

COPP Presidential Research Award Nominee, 2014

COPP Presidential Research Award Nominee, 2013

UTSA Travel Award ((\$1,500 – 2018; \$1,500 – 2017; \$1,500 – 2016; \$1,000 - 2015; 2014 - \$1,000; 2013 - \$2,000; 2012 - \$900; 2010 - \$600; 2009 - \$600; 2008 - \$700)

Department Nominee for Excellence in Research within the College (2010), UTSA

University Graduate Assistantship & Scholarship (2003-08), University of Cincinnati, \$13,710 per year (out of state tuition)

University of Cincinnati Research Grant (2006) – College of Education, \$750