

# Elizabeth R. Groff

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Temple University  
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Philadelphia, PA 19122

## **EDUCATION, UNDERGRADUATE AND GRADUATE**

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**University of Maryland**, College Park, MD, 2000-2006

**PhD**, Geography, August 2006

**MA**, Criminology and Criminal Justice 2005

**University of North Carolina at Charlotte**, Charlotte, NC, 1990 - 1994

Summa cum laude

**MA**, Geography 1994

**BS**, Geography 1992

## **DOCTORAL DISSERTATION**

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Dissertation Title: "Exploring the Geography of Routine Activity Theory: A Spatio-temporal Model Using Street Robbery", August 2006, Ralph Dubayah-Chair, David Weisburd-Co-chair.

## **POSITIONS HELD**

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|----------------|--|
| 2012 - present | Associate Professor, Criminal Justice Department, TEMPLE UNIVERSITY, Philadelphia, PA<br>Secondary appointment, Geography and Urban Studies Department |
| 2007 - 2012    | Assistant Professor, Criminal Justice Department, TEMPLE UNIVERSITY, Philadelphia, PA<br>Secondary appointment, Geography and Urban Studies Department |
| 2002 - 2007    | Senior Research Associate, INSTITUTE FOR LAW AND JUSTICE, Alexandria, VA   |
| 1998 - 2002    | Program Manager/Analyst, NATIONAL INSTITUTE OF JUSTICE, Crime Mapping Research Center, Washington, DC  |
| 1995 - 1998    | GIS Specialist, CHARLOTTE-MECKLENBURG POLICE DEPARTMENT, Charlotte, NC   |
| 1997 - 1998    | Adjunct Faculty, UNC CHARLOTTE, Charlotte, NC  |

## BOOKS PUBLISHED OR IN PRESS

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- In press Weisburd, D., Eck, J., Braga, A., Telep, C., Cave, B., Bowers, K., Bruinsma, G., Gill, C, Groff, E.R., Hinkle, J., Hibdon, J., Johnson, S., Lawton, B., Lum, C., Ratcliffe, J. Rengert, G., Taniguchi, T., and Yang, S-M. (In Press). Place matters: Criminology for the 21st century. New York: Cambridge University Press.
- 2012 Weisburd, D., Groff, E.R. and S.M. Yang. The Criminology of Place: Street Segments and Our Understanding of the Crime Problem. Oxford University Press. London. (Peer Reviewed).
- 2011 Rengert, G. and E.R. Groff. Residential Burglary: How the Urban Environment and Our Lifestyles Play A Contributing Role. Charles C. Thomas.

## ARTICLES PUBLISHED OR IN PRESS<sup>1</sup>

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- In press Weisburd, D., Groff, E., Jones, G., Cave, B., Amendola, K., Yang, S. and R. Emison. The Dallas Patrol Management Experiment: Can AVL Technologies be Used to Harness Unallocated Patrol Time For Crime Prevention? **Journal of Experimental Criminology**. [1.810]\*
- In press Tower, S.M. and E.R. Groff. Examining the Disorder-crime Connection in Philadelphia Parks. **Security Journal**. Published on-line February 12, 2014 as DOI 10.1057/sj.2014.1. [0.455] \*
- In press Haberman, C., Groff, E.R., Ratcliffe, J.R. and E. Sorg. Satisfaction with Police in Violent Crime Hot Spots: Using Community Surveys as a Guide for Selecting Hot Spot Policing Tactics. **Crime and Delinquency**. Published on-line January 2014. [1.508].\*
- In press Lockwood, B.L., Groff, E.R., Rengert, G.F. and Grunwald, H.E. The Relationship between Social Distance and Treatment Attrition for Juvenile Offenders. (Peer Reviewed). **Journal of Urban Affairs**. DOI: 10.1111/juaf.12154. [1.298].\*
- 2015 Ratcliffe, J.R., Groff, E.R., Sorg, E. and C. Haberman. Citizens' Reactions to Hot Spots Policing: Experimental Impacts on Perceptions of Crime, Disorder, Fear

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<sup>1</sup> From 2013 to present, impact factors for year closest to publication year appear in brackets.

\* Indicates publication with a graduate student.

- and Police. **Journal of Experimental Criminology**. Published on-line April 21, 2015 as DOI 10.1007/s11292-015-9230-2. [1.810]\*
- 2015 Kounadi, R., Lampoltshammer, T., Groff, E.R., Sitko, I. and Leitner, M. Exploring Twitter to Analyze the Public's Reaction Patterns to Recently Reported Homicides in London. **PLOS ONE**. Published on-line March 27, 2015 as doi:10.1371/journal.pone.0121848. [3.534]\*
- 2015 Wood, J., McGuire, C., Groff, E.R. and J.R. Ratcliffe. Aligning policing and public health promotion: Insights from the world of foot patrol. **Police Practice and Research: An International Journal**. 16(3), 211-223. Published online: October 14, 2013. <http://dx.doi.org/10.1080/15614263.2013.846982>. [0.00]\*
- 2015 Groff, E.R., Ratcliffe, J.R., Haberman, C., Sorg, E., Joyce, N., and R. Taylor. Does What Police Do at Hot Spots Matter?: The Philadelphia Policing Tactics Experiment. **Criminology** 53(1), 23-53. Published online: December 10, 2014. 10.1111/1745-9125.12055. [3.06]\*
- 2015 Johnson, L., Taylor R., and E.R. Groff, Metropolitan Local Crime Clusters: Structural Concentration Effects and the Systemic Model Journal of Criminal Justice. **Journal of Criminal Justice**. 43(3), 186-194. [2.378]\*
- 2014 Groff, E.R. Quantifying the Exposure of Street Segments to Drinking Places Nearby. **Journal of Quantitative Criminology**. 30(3):527-548. Published on-line December 17, 2013 as DOI 10.1007/s10940-013-9213-2. (September 2014). [1.660]
- 2014 Wood, J., Sorg, E., Groff, E.R., Ratcliffe, J. and C. Taylor. Cops as Treatment Providers: Realities and Ironies of Police Work in a Foot Patrol Experiment. **Policing and Society**. 24(3): 362-379. Published on-line April 15, 2013. [0.444].\*
- 2014 Sorg, E.T., Wood, J.D., Groff, E.R. and J.H. Ratcliffe. Boundary Adherence during Place-based Policing Evaluations: A Research Note. **Journal of Research in Crime and Delinquency**. 51: 377-393. Published on-line February 20, 2014 as DOI 10.1177/0022427814523789. (May 2014). [2.220].\*
- 2014 Weisburd, D., Groff, E.R., and S-M Yang. Understanding and Controlling Hot Spots of Crime: The Importance of Formal and Informal Social Controls. **Prevention Science**. 15(1):31-43. Published on-line February 23, 2013.

[2.827].

- 2014 Johnson, S. and E.R. Groff. Strengthening Theoretical Testing in Criminology Using Agent-based Modeling. **Journal of Research in Crime and Delinquency**. 51(4): 508-524. Published online May 26, 2014 as DOI 10.1177/0022427814531490. (June 2014). [2.220].\*
- 2014 Hibdon, J. and E.R. Groff. What You Find Depends on Where You Look: Using Emergency Medical Services Call Data to Target Illicit Drug Use Hot Spots. **Journal of Contemporary Criminal Justice** 30(2): 169-185. Published online March 28, 2014 as DOI 10.1177/1043986214525077. (VOR – May 2014). [ 0.470].\*
- 2014 Groff, E.R. and B.L. Lockwood. Criminogenic Facilities and Crime across Street Segments in Philadelphia: Uncovering Evidence about the Spatial Extent of Facility Influence. **Journal of Research in Crime and Delinquency** 51(3): 277-314. DOI 0022427813512494. (March 2014). [2.220].
- 2014 Groff, E.R., Taylor R., Elesh D., McGovern, J., and L. Johnson. Permeability across a Metropolitan Area: Conceptualizing and Operationalizing a Macro Level Crime Pattern Theory. **Environment and Planning A** 46(1):129-152. (January 2014). [1.89].\*
- 2013 Haberman, C.P, Groff, E.R. and R.B Taylor. The Variable Impacts of Public Housing Community Proximity on Nearby Street Robberies. **Journal of Research on Crime and Delinquency** 50(2): 163-188. Published on-line November 8, 2011. [2.220].\*
- 2013 Sorg, E., Haberman, C., Ratcliffe, J. and E.R. Groff. Foot Patrol in Violent Crime Hot Spots: The Longitudinal Impact of Deterrence and Post-Treatment Effects of Displacement. **Criminology** 51(1): 65-101. Published on-line December 19, 2012. [3.268].\*
- 2013 Groff, E.R., Johnson, L., Ratcliffe, J.R. and J. Wood. Exploring the Relationship between Foot and Car-based Patrol in Violent Crime Areas. **Policing: An International Journal of Police Strategies & Management**. 36(1) Pp. 119-139. [0.534].\*
- 2012 Groff, E. R. and E. McCord. The Role of Neighborhood Parks as Crime Generators. **Security Journal**. 25: 1-24. Published on-line March 7, 2011.\*
- 2011 Ratcliffe, J., Taniguchi, T., Groff, E.R. and J. Wood. The Philadelphia Foot

Patrol Experiment: A Randomized Controlled Trial of Police Effectiveness in Violent Crime Hotspots. **Criminology**. 49(3):795-831.\*

- 2011 Groff, E. R. Exploring 'Near': Characterizing the Spatial Extent of Drinking Place Influence on Crime. **Australian and New Zealand Journal of Criminology**. 44(2) 156–179.
- 2010 Groff, E.R., Weisburd, D. and Yang, S-M. Is it Important to Examine Crime Trends at a Local "Micro" Level?: A Longitudinal Analysis of Block to Block Variability in Crime Trajectories. **Journal of Quantitative Criminology**, 26(1):7-32.
- 2009 Weisburd, D., N. Morris and E.R. Groff. Hot Spots of Juvenile Crime: A Longitudinal Study of Street Segments in Seattle, Washington. **Journal of Quantitative Criminology**, 25(4):443-467.
- 2008 Groff, E. R. and Birks, D. Simulating Crime Prevention Strategies: A Look at the Possibilities. **Policing: A Journal of Policy and Practice**, 1(0): 1-10.
- 2008 Groff, E. R. Adding the Temporal and Spatial Aspects of Routine Activities: A Further Test of Routine Activity Theory. **Security Journal**, 21(1-2): 95-116.
- 2007 Groff, E. R. 'Situating' Simulation to Model Human Spatio-Temporal Interactions: An Example Using Crime Events. **Transactions in GIS**, 11(4):507-530.
- 2007 Groff, E. R. Simulation for Theory Testing and Experimentation: An Example Using Routine Activity Theory and Street Robbery. **Journal of Quantitative Criminology**, 23:75-103.
- 2007 Groff, E. R. and T. McEwen. Integrating Distance Into Mobility Triangle Typologies." **Social Science Computer Review**, 25:210-238.
- 2005 Groff, E.R., B. Kearley, P. Beatty, H. Fogg, H. Couture, and J. Wartell. "A Randomized Experimental Study of Sharing Crime Data with Citizens: Do Maps Produce More Fear?" **Journal of Experimental Criminology**, 1:87-115.
- 2004 Beckman, K., L. Wyckoff, E.R. Groff, and P. Beatty. "Trends in Police Research: A Cross-sectional Analysis of the 2001 Literature," **Police Practice and Research**, 5 (2): 165-189.
- 2001 Groff, E.R., and N.G. La Vigne. "Mapping an Opportunity Surface of

Residential Burglary," **Journal of Research in Crime and Delinquency**, 38 (3):257-278. 2001.

**CHAPTERS IN EDITED VOLUMES, TEXT, AND HANDBOOKS PUBLISHED OR IN PRESS**

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- In press Groff, E.R. Practitioner to Academic: An Interdisciplinary View from both Sides of the Looking Glass. Maltz, M. and s. Rice (eds) *Envisioning Criminology: A Handbook of Emerging Research Strategies for Studying Crime and Justice*. Springer.
- 2015 Rengert, G.F., Lockwood, B.L. and E.R. Groff. Barriers to Offending: Burglary and Racial Communities. Andresen, M. and G. Farrell (eds) *The Criminal Act: The Role and Influence of Routine Activity Theory*. Palgrave.\*
- 2015 Groff, E.R. Informal Social Control and Crime Events. **Journal of Contemporary Criminal Justice**. Published on-line first on October 13, 2014. DOI: 10.1177/1043986214552619. 31: 90-106. [0.470]
- 2013 Groff, E.R. Measuring a Place's Exposure to Facilities Using Geoprocessing Models: An Illustration Using Drinking Places and Crime. In Leitner, M. (ed). *Crime Modeling and Mapping Using Geospatial Technologies*. Pp. 269-295. Springer.
- 2013 Groff, E.R. and M.J. Fraley. Moving Agents on Representative Networks. In K. Johnston (ed), *Agent Analyst: Agent-Based Modeling in ArcGIS*. Pp. 203-238. ESRI Press: Redlands, CA. <http://resources.arcgis.com/en/help/agent-analyst/>.
- 2013 Groff, E.R. and M.J. Fraley. Adding Complexity to Agent Movement on Representative Networks. In K. Johnston, et al (ed), *Agent Analyst: Agent-Based Modeling in ArcGIS*. ESRI Press: Redlands, CA. Pp. 359-410. <http://resources.arcgis.com/en/help/agent-analyst/>.
- 2009 Groff, E. R., D. Weisburd and N. Morris. Where the Action is at Places: Examining Spatio-Temporal Patterns of Juvenile Crime at Places Using Trajectory Analysis and GIS. In D. Weisburd, W. Bernasco and G. Bruinsma (eds), *Putting Crime in its Place: Units of Analysis in Spatial Crime Research*. Pp. 61-86. Springer-Verlag.
- 2008 Groff, E. R. Characterizing the Spatio-Temporal Aspects of Routine Activities and the Geographic Distribution of Street Robbery. In L. Liu & J. Eck (Eds.),

Artificial Crime Analysis Systems: Using Computer Simulations and Geographic Information Systems (pp. 226-251). Idea Group: Hershey, PA.

- 2008 Groff, E.R. Simulating Crime to Inform Theory and Practice. In S. Chainey and Tompson, L. (ed), *Crime Mapping Case Studies: Practice and Research* (pp. 133-141). John Wiley and Sons.
- 2005 Groff, E.R., and T. McEwen. "Disaggregating the Journey to Homicide." In F. Wang (ed.), *Geographic Information Systems and Crime Analysis* (pp.60-83). Idea Group: Hershey, PA.
- 2002 Groff, E.R., and N.G. LaVigne. "Forecasting the Future of Predictive Crime Mapping." In N. Tilley (ed.), *Analysis for Crime Prevention* (Vol. 13, pp. 29-58). Criminal Justice Press: Monsey, NY.
- 2002 La Vigne, N.G. and E.R. Groff. "Evolution of Crime Mapping in the United States: From the Descriptive to the Analytic." In A. Hirschfield and K. Bowers (eds), *Mapping and Analysing Crime Data: Lessons From Research And Practice* (pp. 203-221). Taylor and Francis: New York.

#### **OTHER WORKS PUBLISHED OR IN PRESS:**

##### **Encyclopedia Entries**

- 2014 Groff, E.R. Agent-based Modeling for Understanding Space-time Patterns of Crime. In H. Bruinsma and D. Weisburd (eds), *Encyclopedia of Criminology and Criminal Justice*. Springer: New York, NY. .
- 2014 Yang, S-M, Weisburd, D. and E.R. Groff. Criminal Career of Places. In H. Bruinsma and D. Weisburd (eds), *Encyclopedia of Criminology and Criminal Justice*. Springer: New York, NY.
- 2014 Weisburd, D., E.R. Groff, Yang, S-M, and C. Telep. Criminology of Place: Places and our Understanding of the Crime Problem. In H. Bruinsma and D. Weisburd (eds), *Encyclopedia of Criminology and Criminal Justice*. Springer: New York, NY.
- 2010 Groff, E.R. "Adolphe Quételet." In F. Cullen and P. Wilcox (eds), *Encyclopedia of Criminological Theory* (Vol. 2, pp. 749-753). Sage: Thousand Oaks, CA. 2010.

##### **Other**

- 2014 Weisburd, D., Groff, E.R., and S-M Yang. The Importance of Both Opportunity and Social Disorganization Theory in a Future Research Agenda

to Advance Criminological Theory and Crime Prevention at Places. *Journal of Research in Crime and Delinquency*. (June 2014) (Response essay). [2.220].

- 2014 McEwen, T. and E.R. Groff. Performance Measures for Information Technologies. *Criminologist*, 38 (2): 1 - 6.  
[http://www.asc41.com/Criminologist/2013/2013\\_Mar-Apr\\_Criminologist.pdf](http://www.asc41.com/Criminologist/2013/2013_Mar-Apr_Criminologist.pdf).
- 2011 Weisburd, D., Groff, E.R. and N. Morris. Hot spots of Juvenile Crime: Findings from Seattle. *Juvenile Justice Bulletin*. Office of Juvenile Justice and Delinquency Prevention. October 2011.
- 2008 Groff, E.R. and L. Mazzerole. Simulated Experiments and their Potential Role in Criminology and Criminal Justice. **Journal of Experimental Criminology**, 4(3).
- 2006 Groff, E.R. "Analysis in Practice: Spacing Out Crime." *Police Professional Magazine*, 63: 33-35.
- 1999 Conley, J.B., E.R. Groff, and T. Lesser. "Strategic Approaches to Community Safety Initiative Winston-Salem, NC: Using GIS to Support Community Safety," proceedings of the Environmental Systems Research Institute User Conference. San Diego, CA.
- 1998 Groff, E.R. and N.G. La Vigne. "The Use of Geographic Information Systems (GIS) For State and Local Crime Analysis." Working Paper #19 - United Nations- Economic Commission for Europe, Statistical Commission. Work Session on Geographical Information Systems, Ottawa, Canada, <http://www.unece.org/stats/documents/1998.10.gis.htm>.
- 1997 Groff, E.R. "Geographic Information Systems for Community Policing: A Micro-analysis of Crime". Proceedings of the Urban and Regional Information Systems Conference. Toronto, Canada.
- 1997 Alexander, M. E.R. Groff, and L. Hibdon. "An Automated System for the Identification and Prioritization of Rape Suspects," proceedings of the ESRI Users Conference. San Diego, CA.

#### **PUBLISHED RESEARCH REPORTS**

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- 2014 Taylor, R.B., Groff E.R., Elesh, D., and L. Johnson. Municipal Crime Patterns



and Shifts across a Complex Metropolitan Community. Final Report submitted 11/14/2014. Office of Justice Programs, National Institute of Justice.

- 2014 Ratcliffe, J., Groff E.R., Haberman, C. and Sorg, E. Smart Policing Initiative Final Report. Final Report. Washington, DC: Bureau of Justice Assistance.
- 2012 Weisburd, D., Groff E.R., Jones, G., Amendola, K. L. & B. Cave. The Dallas AVL Experiment: Evaluating the Use of Automated Vehicle Locator Technologies in Policing. Final Report. Office of Justice Programs, National Institute of Justice.
- 2010 Weisburd, D., Groff E.R. & Yang, S.-M. Understanding Developmental Crime Trajectories at Places: Social Disorganization and Opportunity Perspectives at Micro Units of Geography. Final Report. Office of Justice Programs, National Institute of Justice.
- 2009 Weisburd, D., Groff E.R. and N. Morris. Hot Spots of Juvenile Crime: Some Preliminary Findings. Final Report. Washington, DC. Office of Juvenile Justice and Delinquency Prevention.
- 2008 Groff, E.R. Modeling the Dynamics of Street Robberies. Final Report. Washington, DC: National Institute of Justice.
- 2008 Groff, E.R. and T. McEwen. Identifying and Measuring the Effects of Information Technologies on Law Enforcement Agencies: The Making Officer Redeployment Effective Program, A Guide for Law Enforcement. Final Report. Washington, DC: COPS Office.
- 2005 Groff, E.R. and T. McEwen. Exploring the Spatial Configuration of Places Related to Homicide Events. Final Report. Washington, DC: National Institute of Justice.
- 2005 Groff, E.R. and T. McEwen. Visualization of Spatial Relationships in Mobility Research: A Primer. Final Report. Washington DC: Office of Justice Programs; National Institute of Justice.
- 2000 Groff, E.R. with J.K. Fleury and D. Stoe. Strategic Approaches to Community Safety Initiative (SACSI): Enhancing the Analytic Capacity of a Local Problem-Solving Effort. National Institute of Justice: Washington, DC. <http://www.ojp.usdoj.gov/nij/sacsi/index.html>. 2000.

1999 Mamalian, C.A., N.G La Vigne, and staff of the Crime Mapping Research Center. The Use of Computerized Crime Mapping by Law Enforcement: Survey Results. National Institute of Justice: Washington, DC.

## **PAPERS PRESENTED AT PROFESSIONAL MEETINGS**

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<sup>1</sup>Presenter

Groff, E.R.<sup>1</sup> and T. Taniguchi. "Breaking the near repeat pattern for residential burglary." presented at the 2014 American Society of Criminology meeting in San Francisco, CA. International.

Weisburd, D., Groff, E.R.<sup>1</sup>, Jones, G., Amendola, K., and B. Cave. "Can Knowledge About Where the Police Patrol Aid Police Management and Lower Crime?" presented at 2014 International Association of Crime Analysts Meeting, Seattle, WA. International.

Groff, E.R.<sup>1</sup> and T. Taniguchi. "Geospatial Technology for Reducing Residential Burglary." presented at the 2014 Esri User Conference, San Diego, CA. International.

Groff, E.R.<sup>1</sup>, Haberman. C. and R. Taylor. Crime in and around neighborhood parks: Bad parks, bad neighborhoods, or both? Presented at the 2013 American Society of Criminology meeting in Atlanta, GA. International.

Ratcliffe, J.<sup>1</sup> and E.R. Groff<sup>1</sup>. "The Philadelphia Smart Policing Initiative: Lessons for operational commanders presented at the 2013 International Association of Chiefs of Police. Philadelphia, PA. International.

Groff, E.R.<sup>1</sup>, and C. Haberman. "Crime and neighborhood parks in Philadelphia, PA" presented at the 2013 Association of American Geographers meeting in Los Angeles, CA. International.

Tower, S.M. and E.R. Groff. "Crime and Disorder in Urban Parks" presented at the 2012 American Society of Criminology meeting in Chicago, IL. International.

McEwen, T. and E.R. Groff<sup>1</sup>. Performance Measurement for Police Information Technologies" presented at the 2012 American Society of Criminology meeting in Chicago, IL. International.

Groff, E.R.<sup>1</sup>, Taylor, R.B., Elesh, D, Johnson, L. and J. McGovern. "Permeability Across a Metropolitan Area: Conceptualizing and Operationalizing A Municipal-Level Crime Pattern Theory" presented at the 2012 American Society of Criminology meeting in Chicago, IL. International.

Taylor, R.B., Groff, E.R., Elesh, D. and L. Johnson. "One-Year Look-Ahead Municipality Crime Predictions in a Large Metropolitan Area" presented at the 2012 American Society of Criminology meeting in Chicago, IL. International.

Sorg E., Groff, E.R, and J. Ratcliffe. "An Application of Foraging Theory to Explain "Crackdown Decay" during a Hot Spots Experiment" presented at the 2012 American Society of Criminology meeting in Chicago, IL. International.

Groff, E.R.<sup>1</sup>, and J. Ratcliffe. "Evaluating the Impact of CCTV: Developing and Analyzing Realistic Viewsheds." presented at the 2012 Esri User Conference, San Diego, CA. International.

Groff, E.R.<sup>1</sup>, Ratcliffe, J., Haberman, C., and E. Sorg. "Differential Impacts of Policing Strategies at Places with High Violent Crime: A Randomized Controlled Trial" presented at the 2012 Academy of Criminal Justice Sciences meeting in New York, NY. International.

Sorg, E., Groff, E.R, Wood, J. and J. Ratcliffe. "Boundary Modification During Place-based Experiments: Methodological Challenges in Measuring Spatial Displacement" presented at the 2012 Academy of Criminal Justice Sciences meeting in New York, NY. International.

Ratcliffe, J., Groff, E.R., and A. Fingerhut. "Crime Reduction Effects of the Philadelphia CCTV Camera Program" presented at the 2012 Academy of Criminal Justice Sciences meeting in New York, NY. International.

Groff, E.R.<sup>1</sup>, Ratcliffe, J. and A. Fingerhut. "Geographies of Surveillance" presented at the 2012 Association of American Geographers meeting in New York, NY. International.

Groff, E.R.<sup>1</sup> and J. Ratcliffe. "Evaluating Three Policing Strategies: Preliminary Findings from a Randomized Control Trial" presented at the 2011 American Society of Criminology meeting in Washington, DC. International.

Sorg, E., Haberman, C., Groff, E.R, Wood, and J. Ratcliffe. "Does Spatial Displacement Decay? Further insights from the Philadelphia foot patrol

experiment” presented at the 2011 American Society of Criminology meeting in Washington, DC. International.

Haberman, C., Sorg, E., Ratcliffe, J. and E.R. Groff. “Understanding Treatment Effects Over Time: Further Insights from the Philadelphia Foot Patrol Experiment” presented at the 2011 American Society of Criminology meeting in Washington, DC. International.

Haberman, C. and E.R. Groff. “The Proximity Effect of Public Housing on Street Robbery in the Surrounding Area” presented at the 2011 Eastern Sociological Society meeting, Philadelphia, PA. Regional.

Groff, E.R.<sup>1</sup>, Ratcliffe, J., Wood, J., Haberman, C., Johnson, L., Sorg, E. and C. Taylor. “Policing Philadelphia: Current Place-based Experiments at the Philadelphia Police Department” presented at the 2010 American Society of Criminology meeting, San Francisco, CA. International.

Ratcliffe, J., Groff, E.R., Wood, J. and Taniguchi T. “The Philadelphia Foot Patrol Experiment: A Randomized Controlled Trial of Police Patrol Effectiveness in Violent Crime Hotspots” presented at the 2010 American Society of Criminology meeting, San Francisco, CA. International.

Groff, E.R.<sup>1</sup>, Johnson, L., Wood J., and Ratcliffe, J. “Officer Activities while on Foot Patrol: Do They Matter in Reducing Crime?” presented at the 2010 American Society of Criminology meeting, San Francisco, CA. International.

Wood, J., Sorg, E., Groff, E.R., Johnson, L., Taniguchi, T., Haberman, C. and J. Ratcliffe. “‘We just push them around the corner’: Implications of foot patrol delineation on the measurement of crime displacement?” presented at the 2010 American Society of Criminology meeting, San Francisco, CA. International.

Groff, E.R. “Quantifying Near: The Case for a Place-focused Measure of Exposure to Facilities.” presented at the 2010 Association of American Geographers meeting, Washington, DC. International.

Wood, J., Ratcliffe, J.R., Groff, E.R. and C. McGuire. “Building Evidence about Police Roles in Reducing Violence: A Public Health Law Research Project,” presented at the 2010 Law and Society Association Annual Meeting in Chicago. International.

Groff, E.R., Wood, J., Ratcliffe, J., and L. Johnson. “Identifying what worked in the

Philadelphia foot patrol experiment: A Mixed Methods Investigation” presented at the 2010 Stockholm Criminology Symposium meeting, Stockholm, Sweden. International.

Yang, S.M., Groff, E.R., and D. Weisburd. “Does Concentrated Disadvantage Affect School Outcomes for Public School Students?” presented at the 2010 Stockholm Criminology Symposium meeting, Stockholm, Sweden. International.

Groff, E.R.<sup>1</sup>, Weisburd, D., and S-M. Yang. “Is it Important to Examine Crime Trends at a Local "Micro" Level?: A Longitudinal Analysis of Block to Block Variability in Crime Trajectories” presented at the 2009 American Society of Criminology meeting, Philadelphia, PA. International.

Yang, S-M.<sup>1</sup>, Weisburd, D. and E.R. Groff. “What Matters in Predicting Crime? Analyzing Risk Factors Related to Crime at Micro Places Over Time.” presented at the 2009 American Society of Criminology meeting, Philadelphia, PA.

Madensen, T., E.R. Groff, and J. Eck. “Dens of Iniquity or Dens of Virtue: Revisiting the Bars and Crime Thesis.” presented at the 2009 American Society of Criminology meeting, Philadelphia, PA.

Wood, J., E.R. Groff, and J.H. Ratcliffe. “Organizational Learning in the Evaluation of Footbeats.” presented at the 2009 American Society of Criminology meeting, Philadelphia, PA.

Groff, E.R.<sup>1</sup>, Weisburd, D. and G. Jones. “What Does Automated Vehicle Locator Data Measure about Police Presence?” presented at the 2008 American Society of Criminology meeting, St. Louis, MO. International.

McCord, E. and E.R. Groff. “Urban Parks: Are They Amenities or Nuisances,” presented at the 2008 American Society of Criminology meeting, St. Louis, MO. International.

Groff, E.R.<sup>1</sup>, Weisburd, D., and S.M. Yang, “Exploring ‘Near’: Characterizing the Extent of a Facility’s Influence” presented at the 2008 ESRI User Conference, San Diego, CA. International.

Groff, E.R.<sup>1</sup>, Weisburd D., and S.M. Yang. “Quantifying the Influence of Facilities on Places.” Original title: “Spatio-Temporal Variation in Opportunity-related Characteristics of Micro-level Places and Crime.” 2008 Environmental Criminology and Crime Analysis Conference, Anchorage, AK. International.

McCord, E. and E.R. Groff. "Urban Parks: Are They Amenities or Nuisances," presented at the 2008 Environmental Criminology and Crime Analysis Conference, Anchorage, AK. International.

Groff, E.R.<sup>1</sup>, Weisburd, D., and S.M. Yang. "Explaining Variation in Micro Level Crime Trends at Places: Contrasting Opportunity and Social Structure," presented at the 2007 American Society of Criminology meeting, Atlanta, GA. International.

Weisburd D, Groff, E.R., and S.M. Yang. "Developmental Trajectories of Crime at Place: Descriptive Patterns and Correlates," presented at the 2007 American Society of Criminology meeting, Atlanta, GA. International.

Yang, S.M., Weisburd D, and E.R. Groff. "The Distribution of Routine Activities, Crime Opportunities, and Social Disorganization Across Micro Units of Place," presented at the 2007 American Society of Criminology meeting, Atlanta, GA. International.

Groff, E.R. "Simulation for Theory Testing: A Routine Activity Model of Street Robbery," presented at the 2006 American Society of Criminology meeting, Los Angeles, CA. International.

Groff, E.R. "Simulating Theory with Agent Analyst," presented at the 2006 ESRI User Conference, San Diego, CA. International.

Groff, E.R. "Incorporating Space into Agent based Models: A Report on Implementing with ArcGIS' Agent Analyst Toolbox," presented at the 2006 Association of American Geographers meeting, Chicago, IL. International.

Groff, E.R. "Modeling the Dynamics of Street Robbery," presented at the 2005 American Society of Criminology meeting, Toronto, CA. International.

Groff, E.R.<sup>1</sup> and T. McEwen. "A Geometry of Homicide: Dots, Lines and Triangles," presented at the 2005 American Society of Criminology meeting, Toronto, CA. International.

Groff, E.R., "Modeling Emerging Crime Patterns: A Test of Routine Activity Theory," presented at the 2005 Academy of Criminal Justice Sciences meeting, Chicago, IL. International.

Groff, E.R.<sup>1</sup> and T. McEwen. "A Regional Model of Homicide Trips," presented at the 2005 Mapping and Analysis for Public Safety Conference, Savannah, GA.

International.

Weisburd, D., E.R. Groff, and N.A. Morris. "Examining Spatio-Temporal Patterns of Juvenile Crime at Places Using Trajectory Analysis and GIS," presented at the 2005 Research and Evaluation Conference, Washington, DC. National.

Brantingham, P.<sup>1</sup> and E.R. Groff<sup>1</sup>. "The Future of Agent-Based Modeling in Environmental Criminology," presented at the 2004 American Society of Criminology meeting, Nashville, TN. International.

Groff, E.R.<sup>1</sup> and T. McEwen. "Homicide Mobility Triangles: A New Look at an Old Technique," presented at the 2004 American Society of Criminology meeting, Nashville, TN. International.

Groff, E.R.<sup>1</sup> and T. McEwen. "Disaggregating the Journey to Homicide," presented at the 2004 ESRI User Conference, San Diego, CA. International.

Beatty, P., Couture, H., Fogg, H., Groff, E.R., Kearley, B. and Wartell, J. "Do Maps Increase Fear of Crime," presented at the 2004 Mapping and Analysis for Public Safety Conference, Boston, MA. International.

Groff, E.R.<sup>1</sup> and T. McEwen. "Disaggregating the Journey to Homicide: Preliminary Findings," presented at the 2004 Association of American Geographers meeting, Philadelphia, PA. International.

Groff, E.R. "If You Build It, Will They Come: Washington, DC's Experience with Enterprise GIS," presented at the 2003 ESRI User Conference, San Diego, CA. International.

Groff, E.R. "SMART Mapping: GIS in a Law Enforcement Agency," presented at the 2003 Community-Oriented Policing Services (COPS) Conference, Washington, DC. National.

Groff, E.R.<sup>1</sup> and T. McEwen. "Modeling the Spatial Dynamics of Homicide," presented at the 2002 Mapping and Analysis for Public Safety conference, Denver, CO. National.

Groff, E.R. "Spatially Enabling Your Research: An Informational Brownbag," presented at the 2000 American Society of Criminology, San Francisco, CA. International.

Groff, E.R. "Impacting U.S. Local Criminal Justice Policy from the National Level,"

presented at the Association for Geographic Information 2000 Meeting, London, England. International.

Groff, E.R. "Fostering Spatial Analysis in Criminal Justice Agencies: The Research Center Model," presented at the Association for Geographic Information GIS 2000, Crime and Disorder Special Interest Group Meeting, London, England. International.

Groff, E.R. "Mapping to Support Your Reentry Partnership Initiative" presented at the 2000 Reentry Cluster Meeting, Las Vegas, NV. National.

Groff, E.R. "Implementing GIS in a Law Enforcement Organization," workshop at the 2000 Crime Mapping Research Conference, Orlando, FL. International.

Groff, E.R. "A Spatial Analysis of Elevated Blood Lead Levels in Children," presented at the 2000 Office of Justice Programs Research and Evaluation Conference, Washington, DC. National.

Groff, E.R.<sup>1</sup>, and J. Fleury. "Strategic Approaches to Community Safety Initiative (SACSI): A Project Overview," presented at the 2000 Urban and Regional Information Systems Association Conference, Orlando, FL. Regional.

Groff, E.R. "The Role of Geographic Information Systems in Combating School Violence and Drug Abuse," presented at the 1999 Complutense International Seminar, Madrid, Spain. International.

Groff, E.R. "Crime Mapping and CPTED," presented at the 1999 International CPTED Association Conference, Mississauga, Ontario, Canada. International.

Groff, E.R. "Strategic Approaches to Community Safety Initiative: A Project Overview" presented at the 1999 Urban and Regional Information Systems Association Annual Conference, Chicago, IL. International.

Groff, E.R. "SACSI: Lessons Learned From An Information System Implementation," presented at the 1999 Annual Conference on Criminal Justice Research and Evaluation, Washington, DC. National.

Groff, E.R. "Strategic Approaches to Community Safety Initiative Winston-Salem, NC: Using GIS to Support Community Safety," presented at the 1999 Environmental Systems Research Institute User Conference, San Diego, CA. International.



- Groff, E.R. "Mapping an Opportunity Surface of Residential Burglary," presented at the 1999 International Environmental Criminology Conference, Pretoria, South Africa. International.
- Groff, E.R. "Using GIS in Law Enforcement: An Overview," presented at the 1999 Pennsylvania GIS Conference. Harrisburg, PA. Regional.
- Groff, E.R. "Crime Mapping: Resources and Applications," presented at the Technology Information Exchange Meeting between the DC Metro Police Department and NIJ/OS&T. Washington, DC, 1999. Local.
- Groff, E.R., N.G. La Vigne and C. A. Mamalian. "Homicide in Eight U.S. Cities: A Spatial and Temporal Analysis," presented at the 1998 American Society of Criminology, Washington, DC. International.
- Groff, E.R.<sup>1</sup> and Thomas, D. "Characterizing Crime 'Within a Distance of': A Comparison of Radius vs. Street Distance," presented at the 1998 ESRI Mid-Atlantic Users Group Meeting, Philadelphia, PA. International.
- Groff, E.R. "Career Options for GIS in Law Enforcement," presented at the Criminal Justice Department, Northern Michigan University, Marquette, MI, 1997. Local.
- Groff, E.R.<sup>1</sup>, M. Dyer and M.J. Fraley. "The Role of GIS in Law Enforcement Workshop," presented at the 1997 International Association of Chiefs of Police, Orlando, FL. International.
- Groff, E.R. "Geographic Information Systems for Community Policing," presented at the 1997 Urban and Regional Information Systems, Toronto, Canada. International.
- Groff, E.R. "Using GIS to Facilitate Community Safety Programs," presented at the 1996 Enterprise Foundation Conference, Miami, FL. National.
- Groff, E.R. "An Address Level Analysis of Crime Patterns in the Grier Heights Neighborhood," presented at the 1996 Southern Criminal Justice Association Meeting, Savannah, GA. Regional.
- Groff, E.R. "Use of Force in the Charlotte-Mecklenburg Police Department," presented at the 1996 Southern Criminal Justice Association Meeting, Savannah, GA. Regional.

Groff, E.R. "The Child Protection Ordinance in Charlotte, NC: A Preliminary Geographic Perspective," presented at the 1995 Southern Criminal Justice Association Meeting, Gatlinburg, TN. Regional.

Groff, E.R. "Neighborhoods At Risk: A Model for Predicting Neighborhood Crime Levels," presented at the 1994 Southeastern Division of the Association of American Geographers, Louisville, KY. Regional.

## **POSTER PRESENTATIONS**

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Groff, E.R. "Interrupting near repeat residential burglary patterns: The role of timely awareness" presented at the 2014 International Environmental Criminology Conference, Kerkouk, Netherlands. International.

## **INVITED ADDRESSES**

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Groff, E.R. "Application of the research-practice dialogue in understanding and preventing crime: Tales from an applied geographer" **opening keynote address** presented at the 2013 Applied Geographers meeting in Annapolis, MD.

Groff, E.R. "The Role of Foot Patrol Officers in Policing Hotspots", presented at the Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands. International.

Groff, E.R. "Police deployment at places: Do officer activities matter in crime reduction?", presented at the 2013 Center for Evidence-based Crime Policy Symposium, Fairfax, VA. International.

Groff, E.R., Ratcliffe, J., Haberman, C., and E. Sorg. "Does What Police Do at Hot Spots Matter?", presented at the 2012 Center for Evidence-based Crime Policy Symposium, Fairfax, VA. International.

Groff, E.R. "Policing Hotspots in Philadelphia", presented at research symposium in 2012. Simon Fraser University, Vancouver, BC. International.

Groff, E.R. "Agent-based Modeling and Crime Analysis", presented at the 2011 meeting of the International Association of Crime Analysts, Hyannis, MA. International.

- Groff, E.R. "Agent-based Modeling for Criminal Justice", presented at the 2011 Spring meeting of the Geospatial Technical Working Group, Arlington, VA. National.
- Groff, E.R. "Agent-based Modeling for Criminal Justice", presented at the 2011 Spring meeting of the Simulation and Modeling Technical Working Group, Arlington, VA. National.
- Groff, E.R., Wood, J., Johnson, L., and J. Ratcliffe. "Officer Behavior on Foot Patrol: Identifying What Worked in the Philadelphia Foot Patrol Experiment" presented at the 2010 Center for Evidence-based Crime Policy Symposium, Fairfax, VA. International.
- Groff, E.R. On-line discussion as part of ESRI Spatial Roundtable on the Case for Place in Twenty-first Century Policing. 2010.  
<http://www.spatialroundtable.com/post.cfm?entry=the-case-for-place-in-twenty-first-century-policing>. International.
- Groff, E.R. "Spatial Analysis for Criminal Justice Questions", University of Maryland Statistical Methods Series, 2010. College Park, MD. Regional.
- Groff, E.R. "Quantifying Near: The Case for a Place-focused Measure of Exposure to Facilities" presented at the GUS Spring Lecture Series, Temple University. 2010. Local.
- Groff, E.R. "Geospatial Technology in Public Safety: The Quest for Actionable Information" **keynote address** at the 2009 Crime Mapping Research Conference, New Orleans, LA. International.
- Groff, E.R. "Agent-based Models in Criminology and Criminal Justice", presented at the 2008 National Institute of Statistical Sciences Workshop on Agent-based Modeling. Research Triangle Park, North Carolina. National.
- Groff, E.R. "Exploring the Geography of Routine Activity Theory: A Spatio-Temporal Test Using Street Robbery", presented at the University of Pennsylvania's Criminology Seminar Series, 2008. Philadelphia, PA. Local.
- Groff, E.R. "Introduction to Spatial Analysis Using Geographic Information Systems," workshop at the 2007 American Society of Criminology Meeting, Atlanta, Georgia. International.
- Groff, E.R., D. Weisburd and N.A. Morris. "Where the Action is at Places:

Examining Spatio-Temporal Patterns of Juvenile Crime at Places Using Trajectory Analysis and GIS,” presented at the 2006 NSCR Units of Analysis Workshop, Leiden, The Netherlands. International.

Groff, E.R. “The Virtues and Vices of Geographic Information Systems,” **keynote address** at the 2000 Florida Crime and Intelligence Analysts Association, Orlando, FL. Regional.

Groff, E.R. “Crime Mapping as a Tool in Informing Weed and Seed Areas about Crime,” presented at the 1999 Weed and Seed Annual Conference, Fort Worth, TX. National.

Groff, E.R. “Mapping for Strategic Criminal Justice Planning,” presented at the 1999 American Probation and Parole Association, Winter Training Institute, Phoenix, AZ. National.

Groff, E.R. “GIS Primer,” **plenary session** presented at the 1998 Crime Mapping Research Conference, Washington, DC. International.

#### **WORKS SUBMITTED FOR PUBLICATION**

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Ratcliffe, J. and E. R. Groff. A quasi-experimental test of the crime reduction effectiveness of CCTV cameras. Under revision after first submission for publication in January 2015.

#### **RESEARCH IN PROGRESS:**

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Groff, E. R., C. Haberman and R. Taylor. Neighborhood Parks in Urban Areas: Amenity or Nuisance? Plan to submit to *Criminology* in summer 2015.

Perenzin, A., Fingerhut, A., Taylor, R. and E. R. Groff. Not All Crime Generators are Created Equal: Using Retail Sales Volume to Explain Crime Patterns in Seattle.

#### **GRANTS AND CONTRACTS, EXTERNALLY FUNDED**

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PRINCIPAL INVESTIGATOR (Subcontract: \$143,569) “*Testing the effective components of hot spot policing response teams.*” Jennifer Wood, Temple University, Co-Principal Investigator. Christopher Fisher, New York Police Department, Principal Investigator. Sponsoring Agency: Bureau of Justice Assistance (\$538,743), January

1, 2014 to December 31, 2017.

PRINCIPAL INVESTIGATOR (Subcontract: \$114,320) *"Translating 'Near Repeat' Theory into a Geospatial Policing Strategy: A Randomized Experiment Testing a Theoretically-Informed Strategy for Preventing Residential Burglary."* Travis Taniguchi, Police Foundation, Co-Principal Investigator. Sponsoring Agency: National Institute of Justice, #2012-IJ-CX-0039 (\$397,344), January 1, 2013 to December 30, 2015.

CO-PRINCIPAL INVESTIGATOR. *"Forecasting Municipality Crime Counts within a Metropolitan Area."* Ralph Taylor, Temple University, Principal Investigator. Sponsoring Agency: National Institute of Justice, #2009-IJ-CX-0026 (\$497,000), January 1, 2010 to July 31, 2013.

CO-PRINCIPAL INVESTIGATOR. *"Can Video Surveillance Reduce Crime? Quantifying the Size and Geographic Extent of CCTV's Impact."* Jerry Ratcliffe, Temple University, Principal Investigator. Sponsoring Agency: National Institute of Justice, #2009-IJ-CX-0012 (\$486,161), January 1, 2010 to December 31, 2013.

CO-PRINCIPAL INVESTIGATOR (Subcontract: \$348,503). *"Building Evidence about Police Violent Crime Reduction Efforts."* Nola Joyce, Philadelphia Police Department, Principal Investigator. Sponsoring Agency: Bureau of Justice Assistance, #2009-DG-BX-K021 (\$500,000), May 1, 2010 to August 31, 2012.

CO-PRINCIPAL INVESTIGATOR (Subcontract: \$49,625). *"Smart Police Deployment: Evaluating the Use of Automated Vehicle Locator Technologies in Policing."* David Weisburd, Police Foundation, Principle Investigator. Sponsoring Agency: National Institute of Justice, #2007-IJ-CX-K153 (\$235,421), November 1, 2007 to October 30, 2012.

PRINCIPAL INVESTIGATOR. *"Modeling the Dynamics of Street Robbery to Inform Policy and Prevention."* Sponsoring Agency: National Institute of Justice, 2005-IJ-CX-0015 (\$141,163). June 1, 2005 to September 31, 2008.

CO-PRINCIPAL INVESTIGATOR (David Weisburd, Principal Investigator). *"Explaining Developmental Crime Trajectories at Places: A Study of 'Crime Waves' and 'Crime Drops' at Micro Units of Geography."* Sponsoring Agency: National Institute of Justice, #2005-IJ-CX-0006 (\$271,882), Aug 1, 2005 to January 31, 2010.

PROJECT DIRECTOR. *"Exploring the Impact of Micro Level Crime Patterns on Macro Level Crime Trends."* David Weisburd, University of Maryland, Principal

Investigator (Subcontract: \$148,027). Primary project "Understanding and Monitoring the "Whys" Behind Juvenile Crime Trends", Jeff Roth, University of Pennsylvania, Principal Investigator. Sponsoring Agency: Office of Juvenile Justice and Delinquency Prevention, #2001-JN-FX-K001, January 2003 to December 2006.

CO-PRINCIPAL INVESTIGATOR. "*Distance to Crime: Analyzing and Mapping Violent Crime.*" Tom McEwen, Institute for Law and Justice, Principal Investigator. Sponsoring Agency: National Institute of Justice, 2003-IJ-CX-0150 (\$100,487), September 2003 to December 2006.

ANALYST. "*Evaluation of the COPS MORE Program.*" Tom McEwen, Institute for Law and Justice, Principal Investigator. Sponsoring Agency: Community Oriented Policing Services Office grant #2003-CK-WX-K039 (\$199,853), September 2003 to December 2007.

#### **GRANTS AND CONTRACTS, INTERNALLY FUNDED**

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Internationalization Grant to partially fund fellowship at the NSCR, Amsterdam, The Netherlands in May and July of 2013. \$4,000.

CLARA Award to fund graduate students to do field work and contribute our measurement of police dosage achieved in the Philadelphia Foot Beat Experiment. \$5,000. 2009.

Rotberg Award to fund undergraduate research (Center for the Humanities at Temple). Awarded in January 2008 to fund Marissa Cino's participation as a research assistant in the Philadelphia Parks Survey. \$1,500.

#### **ARTICLES HIGHLIGHTING MY RESEARCH**

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Bulman, P. (2011). Block by Block: Zeroing in on Crime Trends. *NIJ Journal*, 267, 16-17.

#### **TEACHING**

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##### **COURSES TAUGHT IN THE LAST FIVE YEARS:**

CJ8330: SEMINAR IN ADVANCED CJ RESEARCH TOPICS (ADVANCED GEOSPATIAL METHODS)

Temple University  
Department of Criminal Justice

CJ8330: SEMINAR IN ADVANCED CJ RESEARCH TOPICS (INTRODUCTION TO SIMULATION MODELING)

Temple University  
Department of Criminal Justice

CJ2601: RESEARCH METHODS

Temple University  
Department of Criminal Justice

CJ3402: INTRODUCTION TO ENVIRONMENTAL CRIMINOLOGY

Temple University  
Department of Criminal Justice

CJ3402: INTRODUCTION TO ENVIRONMENTAL CRIMINOLOGY - HONORS

Temple University  
Department of Criminal Justice

CJ4102: COMMUNITIES AND CRIME PREVENTION

Temple University  
Department of Criminal Justice

**INDEPENDENT STUDY COURSES:**

Danielle Stanford, Crime around Stadiums in Philadelphia. Spring 2013. Undergraduate.

Evan Sorg, Spatial Aspects of Foot Patrol. Fall 2011. Graduate.

Denean Allen, Philadelphia Parks Study: Healthy Parks and Healthy Residents. Spring 2008. Undergraduate.

Nick Witmer, Philadelphia Parks Study: A History of Philadelphia Parks. Spring 2008. Undergraduate.

**MASTER'S AND DOCTORAL COMMITTEE SERVICE IN ADDITION TO STUDENTS YOU SUPERVISED:**

Jill Eidson, PhD  
Sondra Tower, PhD, Chair

Ourania Kounadi, external, University of Salzburg, PhD  
Jane Tucker, PhD, 2012  
Andrea Curman, external, Simon Fraser University, PhD, 2012  
Clarissa Breen, PhD, 2011  
Troy Payne, external, University of Cincinnati, PhD, 2010  
Brian Lockwood, PhD, 2010  
Travis Taniguchi, PhD, 2010  
Patrick McConnell, PhD, 2008

## **SERVICE**

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### **SERVICE TO THE COMMUNITY**

Participated in Violent Crime Prevention Roundtable convened by Philadelphia City Councilman Kenyatta Johnson (December 2012).

### **SERVICE TO THE PROFESSION:**

#### Board Member

Division of Experimental Criminology 2011 - 2014  
(American Society of Criminology)

#### Advisory Board Member

Center for Public Interest Journalism 2011 - present  
Police Foundation's Crime Mapping Laboratory 2007 - 2010

#### Participating Member

Member of the Crime and Place Working Group, Center for Evidence-Based Crime Policy, 2008 - present  
ASC Program Committee, 2014 and 2016  
National Institute of Justice, Office of Science and Technology -- Geospatial Technologies Technical Working Group, 2005 – 2012  
National Institute of Justice, Office of Science and Technology -- Law Enforcement Advisory Panel (LEAP), 2013 - present

#### Journal Editorial Board and Advisory Editor Member

Evaluation Review 2008 - present  
Journal of Research in Crime and Delinquency 2010 - present  
Journal of Quantitative Criminology 2014 - present

#### Editor

Co-Editor of *Journal of Research in Crime and Delinquency*, Special Issue,



“Crime and Place”, Volume 48, Issue 1, 2011.

Co-Editor of *Journal of Experimental Criminology*, Special Issue, “Simulated Experiments in Criminology and Criminal Justice”, Issue 3, 2008.

Co-Editor of *Western Criminology Review*, Special Issue, “Environmental Criminology and Crime Analysis”, Volume 5, No. 3, November 2004.

#### Reviewer

Asian Journal of Criminology, Australian and New Zealand Journal of Criminology, Crime Law and Social Change, Critical Criminology, Criminology, Environment and Planning B, International Journal of Police Science and Management, Journal of Crime and Justice, Journal of Quantitative Criminology, Journal of Experimental Criminology, Policing: An International Journal of Police Strategies and Management, Proceedings of the National Academy of Sciences, Professional Geographer, Rowman and Little Press, Security Journal, Temple University Press, Transactions in GIS and University of California Press.

#### Funding Proposal Reviewer

Austrian Science Fund, Bureau of Justice Assistance, National Science Foundation, National Institute of Justice, National Science Foundation, Office of Community-Oriented Policing Services, Portuguese Foundation for Science and Technology and Robert Wood Johnson Foundation.

#### Sessions Organized, Chaired and/or Discussant

‘Ecologies of Crime in Time and Space’, Discussant, 2011 Eastern Sociological Society meeting, Philadelphia, PA. Regional.

‘Crime and the Local Environment’, Chair, 2008 American Society of Criminology meeting, St. Louis, MO. International.

‘Effect of the Built Environment on Health and Safety Issues’, Organizer and Chair, 2008 Association of American Geographers Meeting, Boston, MA. International.

#### Conferences Organized

Environmental Criminology and Crime Analysis Symposium 2013, Philadelphia, PA. International. Co-organizer.

#### **SERVICE TO THE UNIVERSITY**

Student Award Selection Committee

2010 - present

Teaching and Learning Center Search Committee 2007 - 2008

**SERVICE TO THE COLLEGE**

College of Liberal Arts Academic Technology Committee 2013 - present

**SERVICE TO THE DEPARTMENT**

Undergraduate Committee, Chair 2013 - present  
Personnel Committee 2013 - present  
Research Committee, Chair 2009 - 2013  
Development Committee 2012 - 2013  
Theory Comprehensive Exam Committee 2009 - 2012  
Search Committee 2009 - 2011  
Undergraduate Committee 2007 - 2012  
Merit Committee 2009, 2012 - 2014  
Middle States Committee 2008 - 2009  
Faculty Co-organizer of the Graduate Student  
Symposium on Spatial Criminology May 2008

**PAID CONSULTANCIES**

Institute for Law and Justice 2007 - 2008

**PROFESSIONAL MEMBERSHIPS**

Academy of Experimental Criminology (AEC) 2004 - present  
American Society of Criminology (ASC) 1998 - present  
Association of American Geographers (AAG) 1994 - present  
Homicide Research Working Group (HRWG) 2006 - 2008  
Sigma Xi 1994 - 2008

**AWARDS/HONORS:**

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Highly Commended Paper Award from the Editorial  
Team of *Policing: An International Journal of Police  
Strategies & Management* 2014

Invited to editorial board of the *Journal of Quantitative  
Criminology* 2014

Academy of Experimental Criminology / ASC Division  
of Experimental Criminology Award for Outstanding  
Experimental Field Trial 2013

Harvard Executive Session on Policing and Public Safety,  
Invited Participant 2011

Elected Fellow of the Academy of Experimental Criminology	2010
Invited to editorial board of the <i>Journal of Research in Crime and Delinquency</i>	2010
Intergraph Junior Faculty Award, UCGIS Summer Assembly	2009
Academy of Experimental Criminology's Young Experimental Scholar Award	2008
Invited to be <i>Evaluation Review</i> Advisory Editor	2008
Center for Spatially Integrated Social Sciences Space Workshop	2007
William L. Garrison Award for Best Dissertation in Computational Geography, Honorable Mention	2006
UCGIS Dynamics Workshop, Selected Participant	2006
Fellowship, University of Maryland	2004 – 2006
National Institute of Justice's Special Achievement Award	1998
Map selected for ESRI Map Book "GIS in Law Enforcement"	1997
Map selected for ESRI Map Book "YMCA Market Analysis"	1994
Charles M. Tiebout Prize in Regional Science, Third Place	1993
Taylor Award for Outstanding Geography Student	1992