Travis M. Carter

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EDUCATION

Michigan State University
School of Criminal Justice, Ph.D. Student   2019-2024 (expected)

University of Iowa
Department of Sociology, BSc Criminology, Law, Justice   2019

RESEARCH INTERESTS

Topical	*Methodological*	*Computational*
Policing	Multilevel Modeling	RStudio
Crime Trends	Time Series Analysis	Stata
Fear of Crime	Structural Equation Modeling	Mplus

PUBLICATIONS

Peer-Reviewed Journal Articles: (Google Scholar Profile)

Carter, T. M., & Wolfe, S.E., (*In Press*). Explaining the relationship between neighborhood disorder and crime fear: The perceptual role of neighbors and the police. *Journal of Criminal Justice*, 101867. Journal

Carter, T. M., & Turner, N. D. (2021). Examining the immediate effects of COVID-19 on residential and commercial burglaries in Michigan: An interrupted time-series analysis. *Journal of Criminal Justice*, 76, 101834. Journal

REPORTS

Technical Reports:

Wolfe, S. E., **Carter, T.M.**, & Knode, J. (2021). *Michigan State Police Traffic Stop External Benchmarking: A Final Report on Racial and Ethnic Disparities.* East Lansing, MI: School of Criminal Justice, Michigan State University.

Carter, T.M., & Turner, N. (2020). *COVID-19-CSS Small Research Grant for Graduate Students Final Project Report.* East Lansing, MI: Michigan State University, School of Criminal Justice. Report to Michigan State University College of Social Sciences.

Circo, G., Rogers, J., McGarrell, E.F., Krupa, J.M., DeBiasi, A., Liebler, J., Cartwright, S., **Carter, T.M.** (2020). *Project Greenlight Detroit: Evaluation Report.* East Lansing, MI: Michigan State University, School of Criminal Justice. Report to Detroit Police Department.

Wolfe, S.E., **Carter, T.M**, Nam, D., S.E., Lawson, S. G. (2020). *Saginaw Police Department strategies for policing innovation grant program: Pre-Test Community Survey and Front-Porch Roll Call Survey Results.* East Lansing, MI: Michigan State University, School of Criminal Justice. Report to Saginaw Police Department.

Carter, T.M, Nam, D., Rojek, A., Wolfe, S.E., Lawson, S. G. (2020). *Saginaw Police Department strategies for policing innovation grant program: Spatial analysis of crime hot spots: City of Saginaw (2019-2020).* East Lansing, MI: Michigan State University, School of Criminal Justice. Report to Saginaw Police Department.

Carter, T.M., Nam, D., Lawson, S. G., Rojek, A., Wolfe, S.E. (2020). *Saginaw Police Department strategies for policing innovation grant program: Spatial analysis of crime hot spots: City of Saginaw (2017-2019).* East Lansing, MI: Michigan State University, School of Criminal Justice. Report to Saginaw Police Department.

MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

Under Review:

Carter, T.M., Ropp, J., Turner, N. A case for communities: The unequal impact of lockdown orders in the US.

In Progress:

Carter, T.M., Testing the generality of Ferraro's risk interpretation model.

Carter, T.M., Proactive policing and crime revisited: A dynamic approach to a timeless question.

PRESENTATIONS

Professional Presentations

Carter, T.M., Wolfe, S.E. (2021). *Explaining the relationship between neighborhood disorder and crime fear: The perceptual role of neighbors and the police.* The 77th Annual Meeting of the American Society of Criminology, Chicago, IL.

Wolfe, S. E., **Carter, T.M.**, & Knode, J. (2021). *Michigan State Police Traffic Stop External Benchmarking: A Final Report on Racial and Ethnic Disparities.* Michigan State Police Headquarters, Dimondale, MI.

Invited Presentations

Guest Lecturer. (November, 2021). "Structural Equation Modeling in Criminal Justice Research." Invited lecturer event, CJ 907: Advanced Topics in Criminal Justice Data Analysis, Michigan State University.

PROFESSIONAL EXPERIENCE

Michigan State University (2019-Present)
School of Criminal Justice
Doctoral Research Assistant
* for Dr. Scott E. Wolfe (2020-Present)
* for Dr. Carole Gibbs (2019-2020)

University of Iowa Public Policy Center (2018-2019)
Crime and Justice Policy Research Program
Undergraduate Research Assistant
* for Dr. Mark T. Berg (08/2017-05/2019)

RESEARCH EXPERIENCE

Michigan–Statistical Analysis Center (2021-Present)
Graduate Research Fellow
PI: Dr. Scott E. Wolfe, Dr. Edmund McGarrell
Funding: TBA
Role: Co-lead "Core Capacity" and "Special-Emphasis" projects, which examined traffic stop behaviors and patterns in Michigan State Police data using cutting-edge internal benchmarking and novel external benchmarking procedures.

Studying the Impact of the Nonfatal Shooting Grand Jury Project (2021-Present)
Police-Prosecutor Interaction Project
Research Assistant-Time Series Analyst
PI: Dr. Edmund McGarrell, Dr. Lauren Magee
Funding: Bureau of Justice Assistance, (Grant No. 2017-DG-BX-K012).
Wayne County Prosecuting Attorney's Office with sub-award to Michigan State University.
Role: Conducted multiple interrupted time series analyses for program evaluation as part of a precinct-level, multi-stakeholder shooting-prevention program.

Michigan State Police Traffic Stop External Benchmarking   (2021-Present)
on Racial and Ethnic Disparities
Research Assistant
PI: Dr. Scott E. Wolfe
Role: Collected and analyzed traffic stop data using a battery of external benchmarking procedures for a racial and ethnic disparity analysis.

Saginaw Community, Offender, and Victim Cooperation Initiative   (2020-Present)
Research Assistant
PI: Dr. Scott E. Wolfe
Funding: Strategies for Policing Innovation (SPI), Bureau of Justice
Assistance, U.S. Dept. of Justice (Grant No. 2019-WY-BX-0003)

Project Safe Neighborhoods–Saginaw Violent Gang and   (2020-Present)
Gun Crime Reduction Program
Research Assistant
PI: Dr. Scott E. Wolfe
Funding: Bureau of Justice Assistance, U.S. Dept. of Justice (Grant No. 2019-GP-BX-0060)

Smart Policing Initiative–Detroit Police Department   (2020-2021)
Research Assistant
PI" Dr. Edmund McGarrell
Funding: Bureau of Justice Assistance, U.S. Dept. of Justice (Grant No. 2016-WY-BX-0005)
Role: Collected federal court data and created a reproducible "how-to-guide" for collecting case processing and sentencing outcome data in Wayne County, Michigan.

Case Processing and Sentencing in Johnson County, IA   (2018-2019)
Undergraduate Research Assistant
PI: Dr. Mark T. Berg
Funding: Johnson County Board of Supervisors, Iowa

AWARDS

Michigan State University
Conference Travel Award, School of Criminal Justice, East Lansing, MI.   (2021)

Summer Research Fellowship, School of Criminal Justice, East Lansing, MI.   (2021)

COVID-19 Small Research Grant, College of Social Sciences, East Lansing, MI.   (2020)
Awarded: $3,000

Summer Research Fellowship, School of Criminal Justice, East Lansing, MI.   (2020)

University of Iowa
Iowa Center for Research by Undergraduates (ICRU) Research Fellowship, Iowa City, IA.   (2018)
Awarded: $2,000

PROFICIENCIES AND ADVANCED TRAINING

Time Series Analysis, Inter-university Consortium for Political and Social Research (ICPSR)

Learned advanced statistical methods to assess time-dependent processes in social science data. Specific modeling strategies learned include dynamic regression models (London School of Economics methodology), autoregressive integrated moving average (ARIMA) models (Box-Jenkins methodology), vector autoregression (VAR) models (Minnesota School methodology), and other advanced modeling strategies for intervention analysis, cointegration, error correction models, time-varying parameter models, and panel models.

Instructors: Dr. Sara Mitchell (University of Iowa) and Dr. Clayton Webb (University of Kansas)

Structural Equation Modeling, Michigan State University

Learned theoretical and practical methods pertaining to latent variable modeling, including path-analysis, confirmatory factor analysis, structural regression models, latent change analysis, measurement invariance (across populations and time), and modeling non-continuous and categorical data.

Instructor: Dr. Tenko Raykov (Michigan State University)

COMMITTEE AND ADMINISTRATIVE SERVICE

University:

Hearing Board Member, All-University Student Hearing Board, Michigan State University   (2021-Present)

Treasurer, Alpha Phi Sigma, University of Iowa Criminal Justice Honors Society   (2018-2019)

School:

Student Leader/Tutor, SCJ RStudio User's Group,   (2020-Present)
School of Criminal Justice, Michigan State University

Secretary, Graduate Student Association Executive Committee,   (2020-2021)
School of Criminal Justice, Michigan State University

PEER REVIEW/REFEREE ACTIVITIES

Journal of Criminal Justice
Journal of Research in Crime and Delinquency

PROFESSIONAL ASSOCIATIONS

American Society of Criminology (ASC)
American Society of Criminology-Division of Policing (ASC-DP)
Alpha Phi Sigma Criminal Justice Honors Society

References

Available upon request.