

Travis M. Carter

Ph.D. Student · Michigan State University · School of Criminal Justice
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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

<i>Topical</i>	<i>Methodological</i>	<i>Computational</i>
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., (2021). Explaining the relationship between neighborhood disorder and crime fear: The perceptual role of neighbors and the police. *Journal of Criminal Justice*, 77, 101867. [Journal of Criminal Justice](#)

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 of Criminal Justice](#)

REPORTS

Technical Reports:

Magee, L., **Carter, T.M.**, & McGarrell, E. F. (2021). *Detroit Grand Jury Project: Final Project Report*. East Lansing, MI: School of Criminal Justice, Michigan State University.

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. [NewsWeek Coverage](#)

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 on Racial and Ethnic Disparities (2021-Present)

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 Gun Crime Reduction Program (2020-Present)

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)
Awarded: \$1,000

Summer Research Fellowship, School of Criminal Justice, East Lansing, MI. (2021)
Awarded: \$3,000

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)
Awarded: \$3,000

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.