

CURRICULUM VITAE

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South Dakota State University
Agricultural Engineering Room 209
Brookings, SD 57007

EDUCATION

Ph.D. Criminology & Criminal Justice, University of South Carolina	2022
M.A. Criminal Justice, Radford University	2018
B.S. Forest Resources & Environmental Conservation, Virginia Tech	2014

ACADEMIC POSITIONS

Assistant Professor, South Dakota State University	2022 -
Adjunct Instructor, Radford University	2022 - 2022
Graduate Assistant, University of South Carolina	2018 - 2022
Graduate Assistant, Radford University	2016 - 2018

RESEARCH INTERESTS

Spatial and Quantitative Methodologies; Wildlife Crime; Policing; Crime Prevention

PUBLICATIONS

Journal Articles

Schnell, C., DeWitt, S., **Spencer, M. D.** (Accepted). The role of neighborhoods in the age of crime hot spots: A multi-level theory of the spatial distribution of robbery in Chicago. *Crime & Delinquency*.

Spencer, M. D., & Schnell, C. (2022). Reinvestigating the relationship between cities and the spatial distribution of robbery: A tale of eight cities. *Journal of Criminal Justice*.
<https://doi.org/10.1016/j.jcrimjus.2022.102003>

Schnell, C., **Spencer, M. D.**, Mancik, A., Porter, L., Ready, J., & Alpert, G. (2022). Expanding research on investigations of officer-involved shootings: An experimental evaluation of question timing on police officer's memory recall. *Criminal Justice and Behavior*, 49, 1031-1049. <https://doi.org/10.1177/00938548211035824>

Spencer, M. D., Green, E. K., & Bolin, R. M. (2021). Exploring the relationship between fishing regulations and angler compliance in Virginia. *American Journal of Criminal Justice*, 46, 815-836. <https://doi.org/10.1007/s12103-020-09576-8>

Books Chapters, Technical Reports, & Other

Schnell, C., & **Spencer, M. D.** (Forthcoming, 2023). Micro-places, multi-level frameworks, and modeling the spatial granularity of crime. In R. Wickes & D. Oberwittler (Eds.), *The handbook on cities and crime*. Edward Elgar Publishing.

Spencer, M. D. (2020). *The problem of wildlife poaching on U.S. federal lands*. A Problem-Solving Guide: Wilderness Problems, Guide No. 1. Center for Problem-Oriented Policing, Arizona State University.

Papers in Preparation (ordered from most to least completed)

Spencer, M. D. (In Prep.) "A problem-oriented approach of the problem of crowding at overlooks on U.S. federal lands." Center for Problem-Oriented Policing.
Status: Manuscript draft in progress.

Spencer, M. D., & Petrossian, G. A (In Prep.) "A spatiotemporal analysis of IUU fishing blind spots on the Western African coast."
Status: Data collected. Exploratory data analysis.

Spencer, M. D., Schnell, C., & DeWitt, S. (In Prep.) "The disruptive impact of public transportation expansion on crime trends: A time series analysis of light rail train stations in Charlotte, NC."
Status: Data collected. Exploratory data analysis.

Spencer, M. D., Green, E. K. (In Prep.) "A county-level exploratory spatial data analysis of wildlife poaching in Colorado from 2009 - 2018."
Status: Data collected. Data cleaning in process.

TEACHING EXPERIENCE

Undergraduate Level (* denotes online or hybrid course)

South Dakota State University

- Advanced Criminology (Spring 2023*)
- Criminal Investigations (Fall 2022* & Spring 2023)
- Policing in a Free Society (Fall 2022 & Spring 2023*)

Radford University

- Research Methods (Spring 2022*)

University of South Carolina

- Policing (Fall 2020* & Spring 2021*)
- Sociology of Crime (Fall 2019, Spring 2020, Fall 2021, & Spring 2022*)

PRESENTATIONS

Conferences

Spencer, M. D. (2022). “Best Practices for Illustrating the Spatial Variability of Crime: Re-imagining the Crime Map.” American Society of Criminology, Atlanta, GA.

DeWitt, S., Schnell, C., & **Spencer, M. D.** (2022). “A Tale of Two(Way) Fixed Effects: Applying Modern Statistical Corrections to Studying the Impact of the Charlotte Light Rail Expansions.” Southern Criminal Justice Association, Asheville, NC.

Spencer, M. D., Mancik, A., & Lemieux, A. (2022). “A Systematic Review of the Methodological Choice of Research on the Spatial Variability of Crime.” Academy of Criminal Justice Sciences, Las Vegas, NV.

Spencer, M. D., & Schnell, C. (2021). “An Exploration of the Spatial Variability of Crime Within and Between Seven U.S. Cities.” American Society of Criminology, Chicago, IL.

Spencer, M. D., Schnell, C., & DeWitt, S. (2021). “The Disruptive Impact of Public Transportation Expansion on Crime: A Time Series Analysis of Light Rail Train Stations in Charlotte, NC.” Discover UofSC, Columbia, SC.

Spencer, M. D., Schnell, C., & DeWitt, S. (2020). “The Disruptive Impact of Public Transportation Expansion on Crime: A Time Series Analysis.” American Society of Criminology, Washington, DC. *Accepted- Conference Cancelled due to Covid-19

Schnell, C., **Spencer, M. D.**, Mancik, A., Porter, L., Ready, J., & Alpert, G. (2020). “Advancing Research on Memory Accuracy After Officer-Involved Shootings: An Experimental Evaluation of the Effect of Question Timing on Recall.” Academy of Criminal Justice Sciences, San Antonio, TX. *Accepted- Conference Cancelled due to Covid-19

Spencer, M. D., & Schnell, C. (2019). “Exploring the Hierarchical Spatial Distribution of Crime: The Concentration and Stability of Robberies at Street Segments Within and Between Chicago’s Neighborhood Clusters.” American Society of Criminology, San Francisco, CA.

Spencer, M. D. (2019). “Problem-Oriented Wildlife Protection: Poaching Prevention on U.S. Federal Lands.” Southeast Association of Fish & Wildlife Agencies, Hilton Head, SC.

Spencer, M. D. (2019). “Problem-Oriented Wildlife Protection: Poaching Prevention on U.S. Federal Lands.” Discover UofSC, Columbia, SC.

Spencer, M. D. (2018). “Exploring the Relationship Between Fishing Regulations and Angler Compliance in Virginia.” Northeast Association of Fish & Wildlife Agencies, Burlington, VT.

Invited Presentations

Spencer, M. D. (2021). “Graduate School and Research.” Entering Research Panel, University of South Carolina, Virtual.

Spencer, M. D. (2020). “Grading Recommendations and Best Practices.” Teaching Assistant Orientation, University of South Carolina, Columbia, SC.

Spencer, M. D. (2020). “Social Science Q&A.” Teaching Assistant Orientation, University of South Carolina, Columbia, SC.

Spencer, M. D. (2020). “Using R and RStudio for Statistical Analysis.” PowerSchool LLC, Content Department, Virtual.

Spencer, M. D. (2020). “Migrating to an Online Teaching Environment.” PowerSchool LLC, Content Department, Virtual.

Spencer, M. D. (2018). “Geographic Information Systems.” PowerSchool LLC, Content Department. Roanoke, VA.

Guest Lectures

Spencer, M. D. (2020). “Descriptive Spatial Statistics.” Crime and Place Course, University of South Carolina, Columbia, SC.

Spencer, M. D. (2019 - 2021). “Routine Activities Approach.” Communities and Crime Course, University of South Carolina, Columbia, SC.

Spencer, M. D. (2019 - 2021). “Crime Prevention Through Environmental Design.” Communities and Crime Course, University of South Carolina, Columbia, SC.

FUNDED RESEARCH

Principal Investigator, “Public Transportation and Crime,” Funded by University of South Carolina, Office of the Vice President for Research, (\$5,000; May 2020 - July 2021).

TRAINING, CERTIFICATIONS, & AWARDS

Discover UofSC 2021 Graduate Student Presenter Award, University of South Carolina

Preparing Future Faculty Credential, University of South Carolina

Fostering Proactive Learning Environments, University of South Carolina

Teaching Online for Graduate Students, University of South Carolina

Teaching Toward Inclusive Excellence, University of South Carolina

Skills, Habits, and Research Program, University of South Carolina

Post-Baccalaureate Certificate in Crime Analysis, Radford University

Minor in Forestry, Virginia Tech

SERVICE

Journal Reviewer

Journal of Research in Crime and Delinquency

Departmental Service

UofSC Criminology and Criminal Justice Graduate Student Association, 2018 - 2022

- Vice President, 2019 - 2020

PROFESSIONAL MEMBERSHIPS

American Society of Criminology, 2019 - Present

Academy of Criminal Justice Sciences, 2019 - Present

Southern Criminal Justice Association, 2020 - 2022

PROFESSIONAL POSITIONS

Forestry and GIS Technician, Eastern Forest Consultants	2015 - 2016
GIS Research Field Assistant, Virginia Tech	2015 - 2016
Conservation Land Monitor, Virginia Outdoors Foundation	2014 - 2015