

# CURRICULUM VITAE

## M. Dylan Spencer, Ph.D.

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

### EDUCATION

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| <b>Ph.D.</b> Criminology & Criminal Justice, University of South Carolina<br>Dissertation: <i>The Spatial Variability of Crime: A Review of Methodological Choice, Proposed Models, and Methods for Illustrating the Phenomenon</i> | 2022 |
| <b>M.A.</b> Criminal Justice, Radford University  | 2018 |
| <b>B.S.</b> Forest Resources & Environmental Conservation, Virginia Tech  | 2014 |

### ACADEMIC POSITIONS

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|---|-------------|
| 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 |
| <i>Research Affiliations</i>                          |             |
| South Dakota Governor's Center on the Illicit Economy | 2023 -      |

### RESEARCH INTERESTS

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

### PUBLICATIONS

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#### *Journal Articles*

Schnell, C., DeWitt, S., & **Spencer, M. D.** (2022). 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*. <https://doi.org/10.1177/00111287221140836>

**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*, 82, 102003. <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.

*Manuscripts Under Review*

**Spencer, M. D.** (Under Review). "Best practices for illustrating the spatial variability of crime: Re-imagining the crime map."

**Spencer, M. D., & Schnell, C.** (Under Review). "Urban park environments, physical site-features, and crime."

Petrosian, G. A., Pires, S. F., **Spencer, M. D.**, & Cohen, N. (Under Review) "An empirical assessment of seaports as facilitators of FOC-flagged transshipment landings."

*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.**, 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.

## TEACHING EXPERIENCE

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*Undergraduate Level* (\*denotes online or hybrid course)

### South Dakota State University

- Advanced Criminology - Capstone (Spring 2023\*)
- Criminal Investigations (Fall 2022\*, Spring 2023, & Fall 2023\*)
- Introduction to Criminal Justice (Spring 2023\*, Summer 2023\*, & Fall 2023)
- Policing in a Free Society (Fall 2022, & Fall 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

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### *Conferences*

**Spencer, M. D.**, & Schnell, C. (2023). "Running for Fun, Not My Life! A Spatial Analysis of Crime at Public Recreation Sites." American Society of Criminology, Philadelphia, PA.

Petrosian, G., Pires, S. F., & **Spencer, M. D.**, & Cohen, N. (2023). "An Empirical Assessment of Seaports as Facilitators of FOC-Flagged Transshipment Landings." American Society of Criminology, Philadelphia, PA.

**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.** (2023). “What’s next for crime and place research?” Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, NL.

**Spencer, M. D.** (2023). “Crime prevention, natural resources, and the illicit economy.” NSF/South Dakota Governor’s Research Center, Virtual.

**Spencer, M. D.** (2023). “Bridging the Gap Between Criminology and Natural Resources.” Department of Natural Resource Management, South Dakota State University, Brookings, SD.

**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.

#### *Invited Lectures*

**Spencer, M. D.** (2020). "Descriptive Spatial Statistics." Graduate 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**

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Co-I, "Socio-Environmental Systems of Rural Health," Funded by South Dakota State University, Division of Research and Economic Development, (\$15,000; July 2023 - November 2024).

PI, "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**

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

Fostering Proactive Learning Environments, University of South Carolina

Teaching Toward Inclusive Excellence, University of South Carolina

Post-Baccalaureate Certificate in Crime Analysis, Radford University

Minor in Forestry, Virginia Tech

## SERVICE

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### *Journal Reviewer*

*Journal of Research in Crime and Delinquency*

### *Departmental Service*

South Dakota State University Criminology Club

- Faculty Advisor, 2023 - Present

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

- Vice President, 2019 - 2020

### *Student Mentorship*

South Dakota State University

- Dylan Borchert (Dissertation committee, Computational Science & Statistics)
- Margaret Schliepsiek (Undergraduate research advisor)
- Chloe Beavers (Undergraduate research advisor)

## PROFESSIONAL MEMBERSHIPS

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Academy of Criminal Justice Sciences, 2019 - Present

American Society of Criminology, 2019 - Present

Environmental Criminology and Crime Analysis, 2023 - Present

Southern Criminal Justice Association, 2020 - 2022

## PROFESSIONAL POSITIONS

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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