**Riley Tucker**

Mansueto Institute for Urban Innovation & Data Science Institute

Environmental Neuroscience Lab

Department of Psychology

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**Professional Appointments**

2022 – Present Mansueto Institute of Urban Innovation Post-Doctoral Fellow, Environmental Neuroscience Lab, Department of Psychology, University of Chicago

2022 – Present Data Science Institute Post-Doctoral Fellow, Environmental Neuroscience Lab, Department of Psychology, University of Chicago

**Education**

PhD. **Northeastern University**, Boston, Massachusetts, 2022, School of Criminology and Criminal Justice. *Who, What, When, Where: Using Online Data to Assess the Characteristics and Criminogenic Dynamics of Guardianship Ecologies*

M.S. **Northeastern University**, Boston, Massachusetts, 2018, Criminology and Criminal Justice, College of Social Science & Humanities

B.A. **Temple University**, Philadelphia, Pennsylvania, 2016, Sociology, College of Liberal Arts

**Refereed Publications**

\* Co-First Authored Manuscript

Alina Ristea, **Riley Tucker\***, Shunan You, et al. A Multisource Database Tracking the

Experience of COVID in Boston, Massachusetts, USA. 2022. *Scientific Data*.

**Riley Tucker** and Michael C. Gearhart. 2022. Social Ties and Collective Efficacy as Predictors

of Volunteering. *Community Development*. 53 (1): 109-125.

Daniel T. O’Brien, Alina Ristea, Forrest Hangen, and **Riley Tucker***.* Different Places, Different Problems: Profiles of Crime and Disorder at Residential Parcels. 2022. *Crime Science*.

Keller Sheppard and **Riley Tucker**. Police Shooting Mortality: Investigating Individual,

Incident, and Contextual Factors Differentiating Fatal and Non-Fatal Police Shootings.

2022. *Journal of Ethnicity in Criminal Justice*

Daniel T. O’Brien, Alexandra Ciomek, and **Riley Tucker**. How and Why is Crime More Concentrated in Some Neighborhoods Than Others?: A New Dimension to Crime. 2022. *Journal of Quantitative Criminology*.

Daniel T. O’Brien, Alina Ristea, **Riley Tucker,** and Forrest Hangen. The Emergence and Evolution of Problematic Properties: Onset, Persistence, Aggravation, and Desistance*.* 2022. *Journal of Quantitative Criminology*.

**Riley Tucker**, Daniel T. O’Brien, Alexandra Ciomek, Edgar Castro, Qi Wang, and Nolan

Edward Phillips. 2021. Who ‘Tweets’ Where and When, and How Does it Help

Understand Crime Rates at Places? Measuring the Presence of Tourists and Commuters

in Ambient Populations. *Journal of Quantitative Criminology*. 37(2): 333-359.

Daniel T. O’Brien, Alexandra Ciomek, and **Riley Tucker**. 2021. Deviations from the Law of

Concentration of Crime: Exploring Why Crime is More Concentrated in Some Neighborhoods than Others. *Journal of Quantitative Criminology*. 1-27.

Michael C. Gearhart and **Riley Tucker**. 2020. Criminogenic Risk, Criminogenic Need,

Collective Efficacy and Juvenile Delinquency. *Criminal Justice and Behavior*.

47(9):1116-1135

**Riley Tucker**, Gregory M. Zimmerman. Jacob I Stowell, and David Squier Jones. 2019. Examining the (Dis)Agreement Between Etiology and Consequences of Adults’ and Youths’ Perceptions of Collective Efficacy in Boston. *Journal of Research in Crime and Delinquency*. 56(6): 888-936.

Gregory M. Zimmerman, **Riley Tucker**, and Jacob I Stowell. 2019. Neighborhood Through a Familial Lens: Examining the Intergenerational Transmission of Collective Efficacy. *Journal of Developmental and Life-Course Criminology*. 5(4): 498-516.

**Manuscripts Under Review**

**Riley Tucker** and Daniel T. O’Brien. Do Commercial Place Managers Explain Crime Across Places? Yes and NO(PE). *Revise and Resubmit to Journal of Quantitative Criminology*

**Riley Tucker**. People or Places? Using Online Data to Assess Sources of Micro-Scale Criminal Opportunities

**Riley Tucker,** Daniel T. O’Brien, Forrest Hangen. Can Twitter Measure Race Across Space?

Proposing an Ambient Population Measure of Social Disorganization

**Manuscripts in Preparation**

**Riley Tucker**, Nakwon Rim, Alfred Chao, Marc Berman. “Can Chicago Gangs Be Studied

Using Crowd-Sourced Social Media Data?”

**Riley Tucker**, Chirag Mahapatra, Marc Berman. “Assessing how the Relationship Between

Commercial Place Management and Crime Varies Across Cities”

**Riley Tucker**, Andrew Stier, Marc Berman. “Do Self-Perceptions of Life Expectancy Align with

Neighborhood Realities? ”

**Riley Tucker**, Gaby Akcelik, Alfred Chao, Marc Berman. “Urban Cognition and Crime Across

Chicago Neighborhoods”

Kimberly L. Meidenbauer, Kathryn E. Schertz, Elizabeth A. Janey, Andrew J. Stier, Anya M.

Samtani, Kathryn Gehrke, **Riley Tucker**, & Marc G. Berman**. “**Evidence for

environmental influences on impulsivity, aggression, and emotional state across multiple

spatial and temporal scales”

**Non-Refereed Publications & Data Releases**

Qiliang Chen, **Riley Tucker**, and Daniel T. O’Brien. 2020. “Yelp Reviews in Boston, MA”

 https://doi.org/10.7910/DVN/DMWCBT

Mehrnaz Amiri, **Riley Tucker** and Daniel T. O’Brien. 2020. “Airbnb in Greater Boston, MA”

https://doi.org/10.7910/DVN/GXLZXF

Edgar Castro, Mehrnaz Amiri, **Riley Tucker** and Daniel T. O’Brien. 2020. “Craigslist Postings

in Massachusetts” https://doi.org/10.7910/DVN/52WSPT,

Daniel T. O’Brien, Nolan Edward Phillips, Saina Sheini, Justin de Benedictis-Kessner, Alina

Ristea, and **Riley Tucker**. 2019. “Geographical Infrastructure for the City of Boston v.

2019”

Daniel T. O’Brien, Alexandra Ciomek, and **Riley Tucker**. 2019. “Massachusetts Census

Indicators” https://doi.org/10.7910/DVN/XZXAUP

Braga, Anthony A., and **Riley Tucker.** 2018. “Problem Analysis to Support Decision

Making in Evidence Based Policing.” *Evidence-Based Policing: An Introduction*. Policy

Press, University of Bristol, Bristol, UK.

**National Conference Presentations**

**Riley Tucker**. 2023. *Can Chicago Gangs Be Studied Using Crowd-Sourced Social Media Data*?

American Society of Criminology Annual Meeting, Philadelphia, PA. (Accepted)

**Riley Tucker**. 2022. *People or Places? Using Online Data to Assess Sources of Criminal*

*Opportunity at Micro-Scale*. American Society of Criminology Annual Meeting, Atlanta,

GA.

**Riley Tucker**. 2022. *People or Places? Using Online Data to Assess Sources of Criminal*

*Opportunity at Micro-Scale*. American Society of Criminology Annual Meeting, Atlanta,

GA.

**Riley Tucker**. 2021. *Who, What, Where When: Using Twitter to Assess Demographics of*

*Ambient Populations*. 2021. American Society of Criminology Annual Meeting, Chicago, IL.

**Riley Tucker**, Dan O’Brien, Alexandra Ciomek, and Nolan Edward Phillips. 2019. *Who Tweets*

*Where and When? How Does it Help us Understand Crime Rates at Places?* American

Society of Criminology Annual Meeting, San Francisco, CA.

Jack McDevitt and **Riley Tucker.** 2018. *Measurement of Crimes Against Vulnerable Victims*.

American Society of Criminology Annual Meeting, Atlanta, GA.

**Riley Tucker.** 2018. *Assessing the Relationship Between Collective Efficacy, Neighborhood*

*Activism, and Organizational Participation in Chicago Neighborhoods.* American

Society of Criminology Annual Meeting, Atlanta, GA.

**Riley Tucker.** 2017. *The Impact of Collective Efficacy and Satisfaction with Police on*

*Willingness to Report & Crime.* American Society of Criminology Annual Meeting,

Philadelphia, PA.

**Riley Tucker.** 2016. *Policing and Collective Efficacy: Baltimore, Maryland, 1986*. American

Society of Criminology Annual Meeting, New Orleans, LA.

**Service and Professional Development**

Program Committee for *International Conference on Computational Social Science*

2022-2023

DSI Clinic Mentor

(Fall 2022, Winter 2023)

Ad Hoc Reviewer for *Journal of Research in Crime and Delinquency, Homicide Studies, Asian Journal of Criminology*

**Courses Taught and Developed**

*Criminology* (CRIM 2200) – Spring and Fall 2020

*Bostonography* (INSH 3700) – Spring 2021

*Analyzing and Using Data on Crime and Justice* (CRIM 3700) – Fall 2021

*Communities and Crime* (CRIM 4660) – Spring 2022