NATHAN T. CONNEALY

Curriculum Vitae – Spring 2023

Assistant Professor
Department of Criminology & Criminal Justice
University of Tampa

Associate Director of Training and Consultation
Criminology Institute for Research & Training
University of Tampa

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EDUCATION

2021 John Jay College of Criminal Justice: New York, NY
Ph.D. Criminal Justice
Dissertation:
Exploring the Overlap, Saliency, and Consistency of Environmental Predictors in Crime Hot Spots: A Remote Systematic Social Observation and Case-control Examination

*Winner: Michael C. Braswell/Routledge Outstanding Dissertation Award (Academy of Criminal Justice Sciences)

*Winner: John Jay College Doctoral Program Outstanding Dissertation Award

2015 Simpson College: Indianola, IA
Bachelor of Arts
Majors: Criminal Justice and Sociology
Minor: Spanish (Emphasis on Cultural Studies)
Undergraduate Theses:
(1) A Quantitative Evaluation of Hot Spot Policing in a Small Metropolitan Police Department
(2) Lessons Learned: Implementing Crime Analysis in a Small Metropolitan Police Department

PROFESSIONAL EMPLOYMENT

2021- Assistant Professor
Department of Criminology and Criminal Justice
University of Tampa – Tampa, FL

2023- Director of Training and Consultation
Criminology Institute for Research and Training (CIRT)
University of Tampa – Tampa, FL

2015-2016 Crime Analyst
Crime Analysis Unit
Des Moines Police Department – Des Moines, IA

PUBLICATIONS

Connealy, N., Hall, A. & Fitch, C. (2023). 1033 Program Data for Studying Policing and Militarization: An Open-source Database in Response to the Recommendations of Koslicki (2023). *Police Practice and Research: An International Journal.* https://doi.org/10.1080/15614263.2023.2254887.

Connealy, N. & Hart, T. (2023). 'Top 10' Policing as an Alternative Place-Based Strategy: Responding to the Overcomplication and Underestimation of the Law of Crime Concentration. *Police Practice and Research: An International Journal*. https://doi.org/10.1080/15614263.2023.2183202.

Piza, E., **Connealy, N.**, Sytsma, V., & Chillar, V. (2022). Situational Factors and Police Use of Force Across Micro-Time Intervals: A Video Systematic Social Observation and Panel Regression Analysis. *Criminology*. https://doi.org/10.1111/1745-9125.12323.

Connealy, N. (2022). The Influence, Saliency, and Consistency of Environmental Crime Predictors: A Probability Score Matching Approach to Test What Makes a Hot Spot Hot. *Justice Quarterly*. https://doi.org/10.1080/07418825.2022.2106292.

Piza, E. & **Connealy, N.** (2022). The Effect of the Seattle Police-Free CHOP Zone on Crime: A Microsynthetic Control Evaluation. *Criminology & Public Policy*. https://doi.org/10.1111/1745-9133.12570.

Thomas, A., Hatten, D. & **Connealy, N.** (2022). Does Police Use of Twitter Align with and Enhance Community Policing Objectives? An Analysis of the NYPD's Twitter Activity. *Police Quarterly*. https://doi.org/10.1177/10986111211043875.

Sytsma, V., **Connealy, N.** & Piza, E. (2021). Environmental Predictors of a Drug Offender Crime Script: A Systematic Social Observation of Google Street View Images and CCTV Footage. *Crime & Delinquency*. https://doi.org/10.1177/0011128720910961.

Connealy, N. (2020). Understanding the Predictors of Street Robbery Hot Spots: A Matched Pairs Analysis and Systematic Social Observation. *Crime & Delinquency*. https://doi.org/10.1177/0011128720926116.

Connealy, N., Piza, E. & Hatten, D. (2019). The Criminogenic Effect of Retail Marijuana Dispensaries in Denver, Colorado: A Microsynthetic Controls Quasi-Experiment and Cost-Benefit Analysis. *Justice Evaluation Journal*. https://doi.org/10.1080/24751979.2019.1691934.

Piza, E., Wheeler, A., **Connealy, N.** & Feng, S. (2019). The Crime Control Effects of a Police Sub-Station within a Business-Improvement District: A Quasi-Experimental Synthetic Control Evaluation. *Criminology & Public Policy*. https://doi.org/10.1111/1745-9133.12488.

Connealy, N. (2019). Can We Trust Crime Predictors and Crime Categories? Expansions on the Potential Problem of Generalization. *Applied Spatial Analysis and Policy*. https://doi.org/10.1007/s12061-019-09323-5.

Connealy, N. & Piza, E. (2019). Risk Factor and High-Risk Place Variations across Different Robbery Targets in Denver, Colorado. *Journal of Criminal Justice*. https://doi.org/10.1016/j.jcrimjus.2018.11.003.

PUBLICATIONS UNDER REVIEW

Dulisse, B., **Connealy, N.** & Logan, M. (Accepted: August 2023). The Influence and Role of Cryptoculture on Target Congruence in Cryptocurrency Investment Behavior: A Theoretical Model.

Mohler, G., Piza, E., **Connealy, N.**, Arrieti, R. & Carter, J. (Submitted: May 2023). Space-time Association between Acoustic Gunshot Detection Alerts, Calls for Service, Arrests and Stops in Chicago: Differences across Citizen Race and Incident Type.

Rickson, C., Hart, T., **Connealy, N.** & Paez, G. (Submitted: May 2023). Are Measures of Patrollability Affected by Tessellating Shape? Implications for Grid-Based Crime Hot Spot Maps.

Cubitt, T. & **Connealy, N.** (Submitted: September 2023). Macro and Micro-level Variation of Motor Vehicle Theft: A Novel Application of K-medoids to Measure Geospatial Crime Change.

PUBLICATIONS IN PROGRESS

Connealy, N. (Expected Submission: Fall 2023). The Stability of Environmental Disorder in Crime Hot Spots: A Longitudinal Evaluation of Disorder and Decay using Google Street View Imagery.

Connealy, N., Piza, E., Mohler, G., Arrieti, R. & Carter, J. (Expected Submission: Fall 2023). The Crime Reduction and Performance Effects of Gunshot Detection Technology in Chicago: A Synthetic Control Analysis.

TECHNICAL REPORTS

Piza, E., Mohler, G., Carter, J., Hatten, D., **Connealy, N.**, Arietti, R. & Cho, J. (2023). *The Impact of Gunshot Detection Technology on Gun Violence in Kansas City and Chicago: A Multi-Pronged Evaluation.* Report submitted to the National Institute of Justice in partial fulfillment of grant number 2019-R2-CX-0004.

Piza, E., **Connealy, N.**, Sytsma, V. & Chillar, V. (2021). *Police Use of Force as a Transactional Event: A Video Systematic Social Observation and Panel Regression Analysis*. Report submitted to the Charles Koch Foundation in partial fulfillment of Criminal Justice & Police Reform grant awarded to John Jay College of Criminal Justice.

Piza, E., Feng, S. & **Connealy, N.** (2017). An Evaluation of the Newark Police Department's Downtown Sub-Station: A Propensity Score Analysis. Final report submitted to the Professional Staff Congress-City University of New York in partial fulfillment of award number 68767-00 46.

Connealy, N. & Kuker, D. (2015). The Division of Criminal and Juvenile Justice Planning. "Iowa Collaboration for Youth Development 2014 Annual Online Report."

TECHNICAL REPORTS IN PROGRESS

Connealy, N., Piza, E. & Sytsma, V. (Expected Completion: Fall 2023). Case-controlled Matching for Systematic Social Observation: A Probability Score Matching Technique.

GRANTS AND FUNDING SUPPORT

External Awards Total Funded: $862,804

2023 National Institute of Justice Policing Solicitation ($862,804): *Exploring Officer Patrol Behaviors Using Automated Vehicle Locator and Body-Worn Camera Data in Kansas City, Missouri.*

Internal Awards Total Funded: $12,283.33
***Denotes Student Applicant**

2023 *University of Tampa Summer Undergraduate Research Fellowship (SURF) Award ($6,283.33) with Molly Corts*: *What Makes Risky Facilities Criminogenic? An Examination of Environmental Disorder and Crime Trends at Alcohol and Drug Facilities.*

2023 University of Tampa Research Innovation and Scholarly Excellence (RISE) Award ($4,000): *Leveraging Google Street View Imagery to Understand Crime Hot Spots: Examining the Composition, Stability, and Covariance of Environments and Crime.*

2023 University of Tampa College of Social Science Mathematics and Education Discretionary Research Funds ($2,000): *The Influence and Role of Cryptoculture on Target Congruence in Cryptocurrency Investment Behavior: A Theoretical Model.*

Unfunded Awards
***Denotes Student Applicant**

2023 National Institute of Justice W.E.B. Du Bois Fellowship for Research on Reducing Racial and Ethnic Disparities in the Justice System ($792,657): *Identifying Racially Disparate Outcomes in Crime Risk Estimation, Developing and Implementing Mitigation Strategies, and Evaluating their Effectiveness.*

2023 *****University of Tampa Office of Undergraduate Research and Inquiry (URI) Award ($3,833.33) with Molly Corts*: *What Makes Risky Facilities Risky? Examining the Effects of Criminogenic, Protective, and Place-Management Characteristics at Alcohol and Marijuana Establishments in Denver.*

OTHER PROFESSIONAL EXPERIENCE

2020-2022 Quantitative Methodologist: The Impact of Gunshot Detection Technology on Gun Violence in Kansas City and Chicago: A Multi-Pronged Synthetic Control Evaluation
Funded By: The National Institute of Justice - Principal Investigator: Dr. Eric L. Piza

2019- 2020 Graduate Research Assistant: Identifying Situational Determinants of Police Use of Force: A Systematic Social Observation of Body Camera Footage in Newark, NJ
Funded By: Charles Koch Foundation, Criminal Justice & Policing Reform Program – Principal Investigator: Dr. Eric L. Piza

2015 Internship: Crime Analyst and Grant Solicitation Specialist:
Des Moines Police Department, Des Moines, Iowa

2015 Internship: Criminal Justice Systems Analyst
Criminal and Juvenile Justice Planning Iowa's Statistical Analysis Center, Des Moines, Iowa

2014 Internship: Crime Analysis Unit

Des Moines Police Department, Des Moines, Iowa

2013 Internship: Criminal Investigations Bureau South Omaha Investigations Unit
Omaha Police Department, Omaha, Nebraska

AWARDS AND HONORS

2022 Michael C. Braswell/Routledge Outstanding Dissertation Award – Academy of Criminal Justice Sciences

2022 Outstanding Dissertation Award – John Jay College Doctoral Program

2021 Dr. James J. Fyfe Doctoral Fellowship – John Jay College Doctoral Program

2020 Criminal Justice Media Fellowship – John Jay College Doctoral Program

2020 Dr. Arthur & Elaine Niederhoffer Memorial Fellowship – John Jay College Doctoral Program

2019 Acceptance into the *Journal of Research in Crime and Delinquency* Graduate Student Publishing Workshop (Summer 2019)

2015 Outstanding Student in Criminal Justice/Sociology Award – Simpson College

TEACHING EXPERIENCE

Instructor of Record: Criminal Justice Policy and Program Evaluation – CRM 605
Graduate Department of Criminal Justice – The University of Tampa

Instructor of Record: Statistics for Criminology and Criminal Justice – CRM 609
Graduate Department of Criminal Justice – The University of Tampa

Instructor of Record: Law Enforcement – CRM 200
Department of Criminology and Criminal Justice – The University of Tampa

Instructor of Record: Research Methods in Criminology – CRM 240
Department of Criminology and Criminal Justice – The University of Tampa

Instructor of Record: Statistics in Criminology and Criminal Justice – CRM 245
Department of Criminology and Criminal Justice – The University of Tampa

Instructor of Record: Terrorism – CRM 422
Department of Criminology and Criminal Justice – The University of Tampa

Adjunct Professor: Undergraduate Thesis Supervision – CJBA 410/411
Undergraduate Criminal Justice Program – John Jay College

Adjunct Professor: Crime Mapping and Data Visualization (in-person and online) – PSC 216
Undergraduate Political Science Department - John Jay College

Adjunct Professor: Undergraduate Honors Research Capstone – HON 484
Undergraduate Criminal Justice Honors Department - John Jay College

PRACTITIONER SEMINARS

Instructor: Crime Mapping for Crime Analysis – International Association of Crime Analysts Training Seminar – John Jay College

Teaching Assistant: Crime Mapping for Crime Analysis – International Association of Crime Analysts Training Seminar: Professor Eric Piza Department of Criminal Justice – John Jay College

GRADUATE THESES

2023-2024 Hannah Sundquist – Committee Chair
Do Environmental Characteristics Influence Credit Card Skimming Locations? A Case-Control Remote Systematic Social Observation of Miami Gas Stations
Graduate Program in Criminology & Criminal Justice – University of Tampa

2022-2023 Carli Rickson – Committee Member
"Investigating the Influence of Tessellate Shapes on Hot Spot Mapping Results: Do Hexagonal Grid Thematic Maps Outperform Conventional Thematic Maps?"
Graduate Program in Criminology & Criminal Justice – University of Tampa

UNDERGRADUATE THESES

2018-2019 Gabyola Rojas - Supervisor
"Perception Versus Reality: Using Surveys to Assess the General Public's Ability to Diagnose Hot Spot Effectively"
Undergraduate Honors Program - John Jay College

2018-2019 Rebecca Zinsley – Supervisor
"Environmental Features and Crime Hot Spots: Systematic Social Observation as a New Approach to Understand Places"
Undergraduate Honors Program - John Jay College

2018-2019 Keiris Munoz – Supervisor
"Fear of Crime and Hot Spots: What can we Learn from Conducting Interviews about Citizen Specified Indicators of Fear?"
Undergraduate Honors Program - John Jay College

2018-2019 Lance Raven Malejana – Supervisor
"Virtual or Physical: Differences in Coding for Mechanisms of Disorder Using Google Street View and In-person Observations"
Undergraduate Honors Program - John Jay College

2018-2019 Inioluwa Femi-Fatukasi – Supervisor
"Place and Perception: Assessing the Potential for Gendered Differences in Crime Hot Spot Diagnosis"
Undergraduate Honors Program - John Jay College

ACADEMIC SERVICE

Service to the Field

Journal Manuscript Reviewer

Journal of Research in Crime and Delinquency
Justice Quarterly
Criminology & Public Policy
Journal of Experimental Criminology
Journal of Criminal Justice
Epidemiology
Crime Science
Policing: An International Journal
Police Quarterly
Policing: A Journal of Policy and Practice
Computers, Environment and Urban Systems
Criminal Justice Review
Police Practice and Research: An International Journal
Applied Geography
Field Methods
Victims & Offenders
International Journal of Crime, Law, and Justice
Laws

Book Reviews

Understanding Crime and Place: A Methods Handbook. Edited by Groff, E. & Haberman C. Temple University Press

.

Policing Gun Violence. Braga, A. & Cook, P. Oxford University Press.

University Service

Committees and Appointments

2023- Wrestling Club (Faculty Sponsor)
University of Tampa

2022- Faculty Handbook Committee (Treasurer)
University of Tampa

2022-2023 Department Tenure-Track Search Committee (Member)
Department of Criminology and Criminal Justice - University of Tampa

2021-2022 Department Tenure-Track Search Committee (Member)
Department of Criminology and Criminal Justice - University of Tampa

2021- Fellowship of Christian Athletes (Faculty Sponsor)
University of Tampa

2019-2020 John Jay College Graduate Program Statistics and Methods Tutoring Coordinator

Criminal Justice MA Program - John Jay College

2018-2019 Doctoral Program Student Diversity Committee (Member)
Criminal Justice PhD Program – John Jay College

2018-2019 Criminal Justice Doctoral Student Association (Business Chair)
Criminal Justice PhD Program - John Jay College

2018 Geographic Information Systems and Crime Mapping Tutor
Undergraduate Math and Geography Department - John Jay College

2017-2018 John Jay College PhD Program Statistics Tutoring Coordinator
Criminal Justice Doctoral Department - John Jay College

2017-2018 Criminal Justice Doctoral Student Association (Communications Chair)
Criminal Justice PhD Program - John Jay College

2015 Undergraduate Research Department Associate
Undergraduate Criminal Justice and Sociology Department - Simpson College

CONFERENCE AND PROFESSIONAL PRESENTATIONS

**Indicates accepted submission but not presented due to a cancellation*
^Indicates co-authored presentation given by another author

2023 *Accepted – 'Top 10' Policing: The Methodology and Motivation for Identifying Only the Most Criminogenic Micro-Places"
American Society of Criminology Annual Meeting: Philadelphia, PA

2023 'Top 10' Policing: The Methodology and Motivation for Identifying and Prioritizing a Small Number of the Most Criminogenic Micro-Places
Florida Crime and Intelligence Analysts Association Conference: Daytona, FL

2022 Leveraging Google Street View Imagery to Understand Crime Hot Spots: Research Questions and New Directions for Studying Micro-level Environments
American Society of Criminology Annual Meeting: Atlanta, GA

2022 ^Examining How Speculative Investment in Cryptocurrency and NFTs can Lead to White Collar Crimes
American Society of Criminology Annual Meeting: Atlanta, GA

2022 ^Discussant Roundtable: Navigating Work-life Balance in the Tenure-track
American Society of Criminology Annual Meeting: Atlanta, GA

2021 The Concentration, Stability, and Overlap of Crime Hot Spots: Testing the .1% of Places
American Society of Criminology Annual Meeting: Chicago, IL

2021 ^Situational Factors and Police Use of Force Across Micro-Time Intervals: A Video Systematic Social Observation and Panel Regression Analysis
American Society of Criminology Annual Meeting: Chicago, IL

2020 *Accepted - Using Systematic Social Observation, Google Street View, and Matched Pairs Analysis to Examine Hot Spots
American Society of Criminology Annual Meeting: Washington, D.C. (cancelled due to Covid-19)

2020 *^Accepted - Identifying Situational Determinants of Police Use of Force: A Matched Pairs Analysis
American Society of Criminology Annual Meeting: Washington, D.C. (cancelled due to Covid-19)

2019 Can We Trust Crime Predictors and Crime Categories? A Multi-city Examination Using Risk Terrain Modeling
American Society of Criminology Annual Meeting: San Francisco, CA

2018 Distribution Dispensaries, Disorder and Crime: The Potential Criminogenic Effect of Retail Marijuana Facilities in Denver, Colorado.
American Society of Criminology Annual Meeting: Atlanta, GA

2018 **^**Understanding Hot Spots: Developing Methodologies to Measure Perceptual Effects and Spatial Correlates of High Crime Places
John Jay Undergrad Honors Capstone Panel Discussant: American Society of Criminology: Atlanta, GA

2017 Risk in the Roadway: Evaluating the effect of Vision Zero on traffic crashes at New York City's most Dangerous Intersections
American Society of Criminology Annual Meeting: Philadelphia, PA

2017 ^A quasi-experimental evaluation of the crime control effects of a police sub-station Lead Presenter: Eric L. Piza Co-Presenter: Shun Q. Feng
Newark Downtown District Public Safety Board Meeting: Newark, NJ

INVITED GUEST LECTURES

Spring 2023 CJ-500: Crime and Place – Simpson College. Dr. Denise Leifker. *"Demoing Crime Analysis in Practice and in Research"*

Spring 2022 Mount Vernon, NY City Council – *"The Impact of Recreational Marijuana Dispensaries on Crime"*

Summer 2021 CJ-500: Crime and Place – Simpson College. Dr. Denise Leifker. *"Demoing Crime Analysis in Practice and in Research"*

Fall 2020 CRJ-761: Proseminar in Criminal Justice – John Jay College. Dr. Kevin Wolff. *"Navigating the Graduate School Experience"*

Spring 2016 SOC-210: Social Statistics – Simpson College. Dr. Denise Leifker. *"Crime Mapping and Analytics: How Police use Data"*

Summer 2015 SOC-101: Intro to Sociology – Des Moines Area Community College. Professor Sara Johnson. *"Deviance, Crime and The Criminal and Juvenile Justice Systems"*

Fall 2014 CJ-343: Crime and Place – Simpson College. Dr. Denise Leifker. *"Crime Analysis and the Real World: My Experience with the Des Moines Police Department"*

PROFESSIONAL MEMBERSHIPS

2022 American Society of Criminology (ASC)

2022 American Criminal Justice Society (ACJS)

2022 International Association of Crime Analysts (IACA)

2022 Florida Crime and Intelligence Analyst Association (FCIAA)

CERTIFICATIONS

2017 Risk Terrain Modeling (RTM)

2017 Crime Mapping and Analysis (IACA)

2018 Spatial Analysis (ESRI ArcGIS)