YongJei Lee

1. PERSONAL DATA

Office: School of Public Affairs
University of Colorado Colorado Springs
306 Academic Office Building
1420 Austin Bluffs Parkway,
Colorado Springs, CO 80918
E-Mail: ylee@uccs.edu

2. EDUCATION

2012 - 2017	**Ph. D.**, Criminal Justice, University of Cincinnati GPA: 4.0/4.0 (*Completion of Coursework & Qualification Exam*) <u>Dissertation</u>: "Comparing Measures of the Concentration of Crime at Places and Times" (*Dissertation defended on April 25, 2017*) <u>Committee</u>: John E. Eck (chair), Christopher J. Sullivan, Pamela Wilcox, and Shane D. Johnson
2012	**Master of Science (M.S.)** with *Highest Distinction and Departmental Honor*, Public Policy and Management, Carnegie Mellon University, GPA: 3.92/4.0 (*Summa Cum Laude*)
2009 - 2010	Graduate Program, Technology Management Economics and Policy Seoul National University, Seoul, South Korea
2000 - 2005	**Bachelor of Laws**, Law Seoul National University, Seoul, South Korea
1999	Bachelor Program, Theology, Yon-Sei University, Seoul, South Korea

3. PROFESSIONAL EXPERIENCES

2017 - 2021	<u>Assistant Professor</u> of Criminal Justice in the School of Public Affairs, University of Colorado, Colorado Springs
2016 - 2017	<u>Distance Learning Facilitator</u>, School of Criminal Justice, University of Cincinnati
2012 - 2016	<u>Teaching Assistant</u>, School of Criminal Justice, University of Cincinnati

4. REFEREED PUBLICATIONS

2021　　**YongJei Lee**, SooHyun O, and John E. Eck. "Why your bar has crime but not mine: Resolving the land use and crime - risky facility conflict" ***Justice Quarterly.*** (*forthcoming*)

2020　　**YongJei Lee** and John E. Eck. "Measures of Crime concentration for Places and Other Units" in E. R. Groff and C. P. Haberman (eds.) ***The Study of Crime and Place: A Methods Handbook***. Temple University Press. (*Accepted*)

2020　　Arelys Madero-Hernandez, **YongJei Lee**, Pamela Wilcox, and Bonnie S. Fisher. "Following their Lead: Police Perceptions and their Effects on Crime Prevention" ***Justice Quarterly***. *(2019 Impact Factor: 4.052, JRQ: Q1)*

2020　　**YongJei Lee**, SooHyun O, and John E. Eck. "A Theory-Driven Algorithm for Real-Time Crime Hot Spot Forecasting." ***Police Quarterly***. *23*(2), 174-201. *(2019 Impact Factor: 3.970, JRQ: Q1)*

2019　　**YongJei Lee** and SooHyun O. "Flag and Boost Theories for Hot Spot Forecasting: A Replication of NIJ's Real-Time Crime Forecasting Algorithm using Colorado Springs Crime Data." ***International Journal of Police Science & Management***. *22*(1), 4-15. *(2019 H-Index: 13)*

2019　　**YongJei Lee** and John E. Eck. "Comparing measures of the concentration of crime at places." ***Crime Prevention & Community Safety***. *21*(4), 269-294. *(2019 Cite Score: 1.20, JRQ: Q2)*

2019　　**YongJei Lee.** "Bayes Statistical Analysis." In J. C. Barnes and David R. Forde (eds.) ***The Encyclopedia of Research Methods in Criminology & Criminal Justice (Vol. 2)***. The Wiley Series of Encyclopedias in Criminology & Criminal Justice. (*in-press*)

2017　　**YongJei Lee.** "*Comparing Measures of the Concentration of Crime at Places and Times*." Doctoral Dissertation, **University of Cincinnati**. Retrieved from http://rave.ohiolink.edu/etdc/view?acc_num=ucin1505831411172158

2017　　Wilpen Gorr and **YongJei Lee.** "Chronic and temporary crime hot spots." In David Weisburd and John E. Eck, (eds.), *Unraveling the Crime-Place*

Connection: New Directions in Theory and Policy—Advances in Criminological Theory. New Brunswick, NJ: Transaction Publishers.

2017   Natalie Martinez, **YongJei Lee**, SooHyun O, and John E. Eck. "Ravenous Wolves Revisited: A Systematic Review of Offending Concentration." ***Crime Science***, *6*(1), 10*. (2019 Cite Score: 3.60, JRQ: Q1)*

2017   SooHyun O, Natalie Martinez, **YongJei Lee**, and John E. Eck. "How Concentrated is Crime among Victims? A Systematic Review from 1977 to 2014." ***Crime Science***, *6*(1), 9. *(2019 Cite Score: 3.60, JRQ: Q1)*

2017   John E. Eck, **YongJei Lee**, SooHyun O, and Natalie Martinez. "Compared to What? Estimating the Relative Concentration of Crime at Places Using Systematic and Other Reviews." ***Crime Science***, *6*(1)*, 8. (2019 Cite Score: 3.60, JRQ: Q1)*

2017   **YongJei Lee**, John E. Eck, SooHyun O, and Natalie Martinez. "How Concentrated is Crime at Places? A Systematic Review from 1960 to 2015." ***Crime Science***, *6*(1), 6. *(2019 Cite Score: 3.60, JRQ: Q1)*

2017   John E. Eck, **YongJei Lee**, and Nicholas Corsaro. "Adding Police is unlikely to Reduce Crime, and Subtracting them is unlikely to Increase Crime." ***Translational Criminology*** (2017): 12.

2016   **YongJei Lee**, John E. Eck, and Nicholas Corsaro. "Conclusions from the History of Research into the Effects of Police Force Size on Crime—1968 through 2013: A Historical Systematic Review." ***Journal of Experimental Criminology***, *12*(3), 431-451. *(2019 Impact Factor: 3.52, JRQ: Q1)*

2016   SooHyun O and **YongJei Lee.** "Crimes in Pittsburgh: A Micro-Size Grid-Cell Analysis of the Influence of Land-Uses on Area Crime." ***Crime Prevention & Community Safety Journal***, *18*(3), 204-227. *(2019 Cite Score: 1.20, JRQ: Q2)*

2015   Wilpen L. Gorr and **YongJei Lee.** "Early Warning System for Temporary Crime Hot Spots." ***Journal of Quantitative Criminology***, *31*(1), 25-47. *(2019 Impact Factor: 4.56, JRQ: Q1)*

2012   Wilpen L. Gorr and **YongJei Lee.** "Longitudinal study of crime hot spots: Dynamics and impact on part 1 violent crime." ***Proceedings of the 32nd***

International Symposium on Forecasting, June 2012. Retrieved from the
Carnegie Mellon University Research Repository KiltHub:
https://kilthub.cmu.edu/articles/Longitudinal_Study_of_Crime_Hot_Spots/6471665

5. NON-REFEREED PUBLICATIONS

2017   **YongJei Lee**, SooHyun O, and John E. Eck. "A Theory-Driven Algorithm for
            Real-Time Crime Hot Spot Forecasting." ***Office of Justice Programs'***
            National Criminal Justice Reference Service, No. 251179

2011   Alfred Blumstein, **YongJei Lee**, Kristen Chou, Nathanial Frentz, Manuel
            Gomez Solorzano, Joseph Gookin, Alaina Hession, Jesse Horan, Michael Lee,
            and Alexia Zhou. "County Level Re-Sentencing Guidelines." Heinz College,
            Carnegie Mellon University.

6. CREATIVE WORK SUBMITTED / IN-PROGRESS

SooHyun O, **YongJei Lee**, and Pamela Wilcox, and Francis Cullen. "Deviant Identity and
Offending: A Longitudinal Study of South Korean Youths." (***Justice Quarterly***: <u>Under
Review</u>)

YongJei Lee. "Place-based Crime Prevention Tactics and the ORCA Model: Tackling
Delinquency at School" (*Working Paper*)

YongJei Lee, John E. Eck, and SooHyun O. "Taxonomy of Street Segment and Beyond: An
Application of the Shannon Index" (*Working Paper*)

YongJei Lee, SooHyun O, and John E. Eck. "Hot pot spot: Variability of crime across
different marijuana dispensaries." *(Working Paper)*

YongJei Lee, SooHyun O, and Marcus Felson. "Crime Effects of Large Urban Facilities."
(Working Paper)

YongJei Lee, SooHyun O, and John E. Eck. "Two Theories for Two Units of Analysis in
Place-based Crime Research." *(Working Paper)*

YongJei Lee and John E. Eck. "Applications of the Spatio-Temporal Measures of Crime

Concentration." (*Working Paper*)

YongJei Lee, and Wilpen L. Gorr. "Persistency, Efficiency, and Fairness of Temporary Crime Hot Spots." (*Working Paper*)

YongJei Lee and SooHyun O. "Hot spot policing in a business-as-usual Condition." (*Working Paper)*

7. PRESENTATIONS AT MEETINGS / SEMINAR AND MEDIA INTERVIEWS

PROFESSIONAL PRESENTATIONS

2020	**YongJei Lee**, SooHyun O, and John E. Eck. "What do we know about Hot Pot Spots?: Does Who Owns Matter?." Presented at the Annual Meeting of the Criminology Consortium, Conference held virtually synchronous.
2020	**YongJei Lee**. "A Theory-Driven Algorithm for Real Time Crime Hot Spot Forecasting." Presented at the Department of Public administration's Consortium (on Zoom), Yonsei University, South Korea
2020	**YongJei Lee**, SooHyun O, and Jessica Elgin. "Crime and Marijuana Dispensaries: A Risky Facilities Analysis." Presented at the Annual Meeting of the Institute of Cannabis Research, Pueblo, CO.
2020	**YongJei Lee**, SooHyun O, and John E. Eck. "Crime and Marijuana Dispensaries: A Risky Facilities Analysis." Accepted at the Annual Meeting of the American Society of Criminology, Washington, D.C.
2020	SooHyun O, **YongJei Lee**, and Pamela Wilcox. "Place-based Crime Prevention Tactics and the ORCA Model: Tackling Delinquency at School." Accepted at the Annual Meeting of the American Society of Criminology, Washington, D.C.
2020	**YongJei Lee**, SooHyun O, and Jessica Elgin. "The Rise of Marijuana: The Effects of Recreational Marijuana Sale on Local Crime in Colorado." Accepted at the Annual Meeting of the Academy of Criminal Justice Sciences, San Antonio, TX.
2020	SooHyun O, **YongJei Lee**, Juan Guerra, and Richard Morgan. "Are They Twins?: A Comparison between Crime Hot Spot Detection and Forecasting."

Accepted at the Annual Meeting of the Academy of Criminal Justice Sciences, San Antonio, TX

2020   **YongJei Lee**. "Panel for Crime Analysis students." Accepted at the Annual Meeting of the Academy of Criminal Justice Sciences, San Antonio, TX

2019   SooHyun O, **YongJei Lee**, and John E. Eck. "Testing the Impact of Place Management on Crime across Different Land Uses." Presented at the International Association of Crime Analysts, Oxon Hill, MD.

2019   **YongJei Lee**, SooHyun O, and Marcus Felson. "Crime Effects of Large Urban Facilities." Presented at the Annual Meeting of the American Society of Criminology, San Francisco, CA

2019   **YongJei Lee**, John E. Eck, and SooHyun O. "Two Theories for Two Units of Analysis in Place-based Crime Research." Presented at the Annual Meeting of the American Society of Criminology, San Francisco, CA

2019   SooHyun O, **YongJei Lee**, Pamela Wilcox, and Francis Cullen. "Criminal Identity and Offending at School: A Longitudinal Study of South Korean Students." Presented (*forthcoming*) at the Annual Meeting of the American Society of Criminology, San Francisco, CA

2019   Alex Jobe, **YongJei Lee**, and SooHyun O. "Do Mental Health and Substance Abuse Treatment Facilities increase Violent Crime?." Presented at the Annual Meeting of the American Society of Criminology, San Francisco, CA

2018   **YongJei Lee**. "A Theory-Driven Algorithm for Real Time Crime Hot Spot Forecasting using Portland and Cincinnati Crime Data." Presented at the Department of Geography & Environmental Studies Annual Colloquium, University of Colorado, Colorado Springs, CO

2018   **YongJei Lee** and John E. Eck. "Taxonomy of street segment and beyond: Combining measures of concentration." Presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA

2018   Kevin Collett, Henriikka Weir, **YongJei Lee**, and Jonathan W. Caudill. "Geographic, demographic, and qualitative homicide patterns and trends in a large urban city in Colorado: Longitudinal examination." Presented at the

Annual Meeting of the American Society of Criminology, Atlanta, GA

2018 SooHyun O, **YongJei Lee**, and Pamela Wilcox. "School-based Place Management and Student Victimization." Presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA

2018 **YongJei Lee**, SooHyun O, and John E. Eck. "A Theory-Driven Algorithm for Real Time Crime Hot Spot Forecasting." Presented at the Annual Meeting of the Academy of Criminal Justice Sciences, New Orleans, LA.

2017 **YongJei Lee** and John E. Eck. "Comparison of Spatio-Temporal Measures of Crime Concentration." Presented at the Annual Meeting of the American Society of Criminology, Philadelphia, PA.

2017 **YongJei Lee**, SooHyun O, and John E. Eck. "Testing the Impact of Place Management on Crime across Different Land Uses." Presented at the Annual Meeting of the American Society of Criminology, Philadelphia, PA.

2017 John E. Eck, **YongJei Lee**, Natalie Martinez, and SooHyun O. "Meta-Analysis of Non-Causal Descriptive Findings: Lessons from Three Studies." Presented at the Annual Meeting of the American Society of Criminology, Philadelphia, PA.

2016 **YongJei Lee** and John E. Eck. "Introducing Measures of the Concentration of Crime at Place and Time." Presented at the Annual Meeting of the American Society of Criminology, New Orleans, LA.

2016 John E. Eck and **YongJei Lee.** "Compared To What? The Relative Concentration of Crime at Places and its Implications." Presented at the Annual Meeting of the American Society of Criminology, New Orleans, LA.

2016 **YongJei Lee**, SooHyun O, and John E. Eck. "Crime and land use in Cincinnati: A micro-size grid-cell analysis of the influence of land-uses on area crime." Presented at the Annual Meeting of the American Society of Criminology, New Orleans, LA.

2016 **YongJei Lee**, SooHyun O, and John E. Eck. "Crime and land use in Cincinnati: An Empirical Evidence of Place Management on Crime" Presented at the University of Cincinnati School of Criminal Justice 25th

Anniversary Conference, Cincinnati, OH.

2015   **YongJei Lee**, John E. Eck, SooHyun O, and Natalie Martinez. "Systematic Review of Place Concentration." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   Natalie Martinez, **YongJei Lee**, John E. Eck, and SooHyun O. "Systematic Review of Offender Concentration." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   SooHyun O, Natalie Martinez, **YongJei Lee**, and John E. Eck. "Systematic Review of Victim Concentration." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   John E. Eck, SooHyun O, Natalie Martinez, and **YongJei Lee.** "POV Concentration Comparison." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   Jonathan M. Birds, Tamara D. Madensen, and **YongJei Lee.** "Characteristics and Patterns of Crime in Public Spaces." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   Arelys N. Madero-Hernandez, Paul-Phillippe Pare, Bonnie S. Fisher, Pamela Wilcox, and **YongJei Lee.** "Multilevel IRT Analysis for the Study of Crime Prevention." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   SooHyun O and **YongJei Lee.** "Developmental Factors of Crime Hot Spots." Presented at the Annual Meeting of the American Society of Criminology, Washington, D.C.

2015   **YongJei Lee**, John E. Eck, SooHyun O, and Natalie Martinez. "The Concentration of Crime among Places, Offenders, and Victims (POV): Preliminary Results from a Three Part Systematic Review." Presented at the Annual Meeting of the Environmental Criminology and Crime Analysis Symposium, Christchurch, New Zealand

2014   **YongJei Lee**, John E. Eck, and Robin Engel. "Deconstructing the Street Segment: What is the Appropriate Unit of Analysis." Presented at the Annual

Meeting of the American Society of Criminology, San-Francisco, CA.

2014   Rustu Deryol, Murat Ozer, John E. Eck, Robin Engel, and **YongJei Lee.** "Exploring Temporal & Spatial Patterns of Crime." Presented at the Annual Meeting of the American Society of Criminology, San-Francisco, CA.

2014   Jonathan M. Birds, Tamara D. Madensen, and **YongJei Lee.** "Profiling Proximal Places: How Street Segment Crime Signature Analysis can Inform Theory and Practice." Presented at the Annual Meeting of the American Society of Criminology, San-Francisco, CA.

2014   Murat Ozer, Robin Engel, John E. Eck, Rustu Deryol, and **YongJei Lee.** "The Efficiency of Different Analytical Tools and Units of Analyses for Identifying Hot Spots." Presented at the Annual Meeting of the American Society of Criminology, San-Francisco, CA.

2014   **YongJei Lee** and Wilpen L. Gorr. "The Utility of Temporary Crime Hot Spots: An Early Warning System for Temporary Hot spots." Presented at the Annual Meeting of the American Society of Criminology, San-Francisco, CA.

2014   SooHyun O and **YongJei Lee.** "Leading Indicators of Juvenile Crime Hot Spots around School Locations: A Multi-Level Approach using individual–and Community–Level Characteristics." Presented at the Annual Meeting of the American Society of Criminology, San-Francisco, CA.

2013   **YongJei Lee**, Nicholas Corsaro, and John Eck. "Police Force Size and Crime: A Systematic Review of Research from 1968 to 2013." Presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA.

2013   SooHyun O and **YongJei Lee.** "Multi-Level Determinants of the Inner-School Crime." Presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA

2012   Wipen L. Gorr and **YongJei Lee.** "Longitudinal study of crime hot spots: Dynamics and impact on part 1 violent crime." Presented at the 32nd International Symposium on Forecasting, Boston, MA

OTHER PRESENTATIONS

2021   **YongJei Lee.** "Faculty Panel: Tips for Inclusive Teaching." Presented at the UCCS Teaching and Learning Conference (TLC) Program

2020   **YongJei Lee.** "A Theory-Driven Algorithm for Real Time Crime Hot Spot Forecasting." Presented at the *BK21 Consortium (on Zoom), Department of Public Administration, Yonsei University, South Korea.*

2019   **YongJei Lee.** "An application of a real-time crime hot spot forecasting model in Colorado Springs." Presented at the Colorado Springs Police Department.

2019   **YongJei Lee.** "Homicide Patterns and Trends in Colorado Springs." Presented at the Colorado Springs Police Department.

2019   **YongJei Lee.** "A Theory Driven Algorithm for Real-Time Crime Hot Spot Forecasting using Colorado Springs Crime Data." Presented at the Downtown Center at the University of Colorado Colorado Springs.

2019   **YongJei Lee**, Alex Jobe, and SooHyun O. "Do Mental Health and Substance Abuse Treatment Facilities increase Violent Crime?." Presented at the CU Foundation Trustee meeting at the University of Colorado, Colorado Springs.

2019   **YongJei Lee.** "Ethics in Criminal Justice Research: A Data Driven Study" Presented at the Daniels Fund Ethics Initiative Roundtable at the University of Colorado Colorado Springs.

2018   **YongJei Lee.** "Sharing Teaching and Learning Strategies." Presented at the New Faculty Kickoff Day at the University of Colorado Colorado Springs.

2018   **YongJei Lee.** "A Theory Driven Algorithm for Real-Time Crime Hot Spot Forecasting." Presented at the Geography & Environmental Studies Colloquium at the University of Colorado Colorado Springs.

2018   **YongJei Lee.** "Knowing ourselves from multi-level environmental perspectives." Presented at the UCCS Alpha Phi Sigma Induction Ceremony.

2017   **YongJei Lee.** "Crime Prevention and Techniques." Presented at the UCCS School of Public Affairs Community Advisory Board Meeting.

March 27, 2019	Interviewed by the *YouTube Original* documentary film entitled "The Age of A.I." (Interviewer: Trish Neufeld; Narrative: Robert Downey Jr.). Link: (https://www.youtube.com/watch?v=UwsrzCVZAb8&list=PLjq6DwYksrzz_fsWIpPcf6V7p2RNAneKc&index=2&t=120s)
August 2, 2018	Interviewed by *The Gazette* (Reporter: Conrad Swanson), Topic: Spread thin, Colorado Springs police may face greater danger in "safer" neighborhoods. Link: (https://gazette.com/news/spread-thin-colorado-springs-police-may-face-greater-danger-in/article_556212d4-969f-11e8-a301-ab2f51c416a6.html)
September 20, 2016	Interviewed by Channel 12, WKRC, Cincinnati. Topic: Research on police size and crime. Link: (https://www.youtube.com/watch?v=RR2FyfLAnv0)

8. GRANTS AND SCHOLARSHIP

FUNDED

2020	*UCCS Cybersecurity Seed Grant Award* ($7,500), sponsored by University of Colorado Colorado Springs
2020	*Committee on Research and Creative Works (CRCW)* grants (**$ 7,500**) sponsored by University of Colorado Colorado Springs
2020	*Academy of Criminal Justice Sciences (ACJS)* conference support grants (**$ 500**) sponsored by International Association of Crime Analysts (IACA)
2020	*UCCS Powerful Teaching Grant* (**$ 200**), University of Colorado Colorado Springs
2019	*NIJ Research Track at the International Association of Crime Analysts (IACA) 2019 Conference Award Winning Team*, National Institute of Justice, Office of Justice Programs, Department of Justice, https://www.nij.gov/topics/technology/maps/pages/iaca-call-for-papers.aspx
2019	*Colorado Department of Higher Education Open Educational Resources (OER) Grant Stipend* (**$ 250**), University of Colorado Colorado Springs
2019	*UCCS Compass Curriculum Course Summer Raters (Evaluator) Stipend* (**$ 2,000**), University of Colorado Colorado Springs

2019   *FMAC Diversity Grant* (**$ 250**) sponsored by University of Colorado Colorado Springs

2018   *UCCS New Faculty Kickoff Day Presentation Stipend* (**$ 100**), University of Colorado Colorado Springs

2018   *UCCS Daniels Ethics Fellow Grants* (**$ 5,000**) sponsored by Daniels Fund, University of Colorado Colorado Springs

2018   *UCCS Compas Curriculum Course Summer Raters (Evaluator) Stipend* (**$ 1,000**), University of Colorado Colorado Springs

2018   *UCCS Compass Curriculum Course Development Grant* (**$ 1,000**), University of Colorado Colorado Springs

2018   *UCCS Teaching Circle Grant* (**$ 300**), University of Colorado Colorado Springs

2017   *UCCS Writing Across the Curriculum (WAC) Workshop Stipend* (**$ 500**), University of Colorado Colorado Springs

2017   *NIJ Real-Time Crime Forecasting Challenge Award Winner* (**$ 10,000**), National Institute of Justice, Office of Justice Programs, Department of Justice, https://nij.gov/funding/Pages/fy16-crime-forecasting-challenge-document.aspx

2015   Annual Doctoral Student Research *Grant* (**$ 2,500**), School of Criminal Justice, University of Cincinnati

2015   Graduate Student Research *Scholarship* (**$ 800**), School of Criminal Justice, University of Cincinnati

2014   Graduate Student Research *Scholarship* (**$ 400**), School of Criminal Justice, University of Cincinnati

2013   Graduate Student Research *Scholarship* (**$ 400**), School of Criminal Justice, University of Cincinnati

2012 - 2016   University Graduate Assistantship, University of Cincinnati

2012 - 2016   University Graduate Scholarship, University of Cincinnati

2012   Academic Highest Distinction, Carnegie Mellon University

2010 - 2012   Dean's Letter, Carnegie Mellon University

2009 - 2010   University Graduate Scholarship, Seoul National University

2000 - 2005   University Merit-Based Scholarship, Seoul National University

NON-FUNDED OR UNDER-REVIEW

2021   *Cannabis Research Award Opportunity* sponsored by the Institute of Cannabis Research at Colorado State University (*Under-review*)

2020   *Longitudinal Research on Delinquency and Crime, Fiscal Year 2020* (NIJ-2020-18232) sponsored by National Institute of Justice, Applied on May 26, 2020 (*Non-funded*)

2019   *FMAC Diversity Grant* (Fall-2019) sponsored by University of Colorado Colorado Springs (*Non-funded*)

2019   *Summer Stipends program* grant (20190925-FT) sponsored by *National Endowment for the Humanities' (NEH) Division of Research* (*Non-funded*)

2019   *Committee on Research and Creative Works (CRCW)* grants sponsored by University of Colorado Colorado Springs (*Non-funded*)

2018   *Research on Reducing Violence in Communities* (NIJ-2018-13908) sponsored by National Institute of Justice, Applied on May 21, 2018 (*Non-funded*)

2018   *Quick-Turnaround, Actionable Research to Improve the Lives of Coloradans* grants sponsored by Colorado Evaluation and Action Lab (Colorado Lab), University of Denver (*Non-funded*)

2018   *FMAC Diversity Grant* (Spring-2018) sponsored by University of Colorado Colorado Springs (*Non-funded*)

2017   *Committee on Research and Creative Works (CRCW)* grants sponsored by University of Colorado Colorado Springs (*Non-funded*)

2017   *FMAC Diversity Grant* (Fall-2017) sponsored by University of Colorado Colorado Springs (*Non-funded*)

9. COURSES TAUGHT & MEMBERSHIP ON THESIS/CAPSTONE COMMITTEES

TEACHING INTERESTS

Introductory   Introduction to Criminology
Courses   Introduction to Criminal Justice
                Introduction to Policing
                Introduction to Crime Prevention

Advanced Courses	Environmental Criminology Applied Crime Prevention Police and the Community
Statistics & Methods	Statistics/Methods (Both Undergraduate and Graduate Levels) Econometrics/Advanced Statistics Research Methods Advanced Multivariate Analysis Hierarchical Linear Modeling Structural Equation Modeling Group-Based Trajectory Modeling GIS and other Spatial Analytic Techniques Crime Mapping and Analysis Database Management Deep Learning and Artificial Intelligence

LIST OF COURSES TAUGHT

Courses Taught	2021 CJ 5007 Violence, Univ of Colorado Colorado Springs (Graduate) 2021 CJ 3100 Criminal Justice Research Methods, Univ of Colorado Colorado Springs (Undergraduate) 2021 CJ 3170 Crime Prevention and Analysis, Univ of Colorado Colorado Springs (Undergraduate) 2020 CJ 5009 Crime and Violence Prevention and Intervention (Graduate) 2020 CJ 3170 Crime Prevention and Analysis, Univ of Colorado Colorado Springs (Undergraduate) 2020 CJ 5410 Victim Studies, Univ of Colorado Colorado Springs (Graduate) 2020 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs (Undergraduate) 2020 CJ 5540 Juvenile Justice Administration, Univ of Colorado Colorado Springs (Graduate) 2020 CJ 5007 Violence, Univ of Colorado Colorado Springs (Graduate) 2020 CJ 9500 Independent Study, Univ of Colorado Colorado Springs (Graduate) 2020 CJ 3170 Crime Prevnetion an analysis, Univ of Colorado Colorado Springs (Undergraduate) 2019 CJ 5010 Mapping and Analysis for Public Safety, Univ of Colorado Colorado Springs (Graduate) 2019 CJ 5007 Violence, Univ of Colorado Colorado Springs (Graduate)

2018 CJ 5009 Crime and Violence Prevention and Intervention, Univ of Colorado Colorado Springs (Graduate)

2018 CJ 9500 Independent Study: Concentration of Crime at Place, Univ of Colorado Colorado Springs (Graduate)

2018 CJ 5007 Violence, Univ of Colorado Colorado Springs (Graduate)

2019 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs (Undergraduate)

2019 CJ 3170 Crime Prevention & Analysis, Univ of Colorado Colorado Springs (Undergraduate)

2019 CJ 4840 Independent Study, Univ of Colorado Colorado Springs (Undergraduate)

2018 CJ 3170 Crime Prevention & Analysis, Univ of Colorado Colorado Springs (Undergraduate)

2018 CJ 6600 Mapping and Analysis for Public Safety, Univ of Colorado Colorado Springs (Graduate)

2018 CJ 2041 Crime Theory and Causes, Univ of Colorado Colorado Springs (Undergraduate)

2017 CJ 2041 Crime Theory and Causes, Univ of Colorado Colorado Springs (Undergraduate)

2018 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs (Undergraduate)

2017 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs (Undergraduate)

2016 CJ 4029 Crime Analysis and Prevention, Univ of Cincinnati

2015 CJ 4029 Crime Analysis and Prevention, Univ of Cincinnati

2016 CJ 4023 Criminal Justice Statistics, Univ of Cincinnati

2015 CJ 1001 Introduction to Criminal Justice, Univ of Cincinnati

2014 CJ 4093 Directed Study, Univ of Cincinnati

2013 CJ 4093 Directed Study, Univ of Cincinnati

Distance Learning (Online)	2020 CJ 6950 Master's Thesis in Criminal Justice, Univ of Colorado Colorado Springs (Graduate)
	2020 CJ 6950 Victim Studies, Univ of Colorado Colorado Springs (Graduate)
	2020 CJ 3170 Crime Prevnetion an analysis, Univ of Colorado Colorado Springs (Undergraduate)
	2020 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs (Undergraduate)
	2020 CJ 2041 Crime Theory and Causes, Univ of Colorado Colorado Springs (Undergraduate)
	2019 CJ 3250 Violence in Society, Univ of Colorado Colorado Springs

(Undergraduate)
2017 CJ 8028 Biosocial Factors in Serial Offending, Univ of Cincinnati
2017 CJ 7020 Seminar in Criminology, Univ of Cincinnati
2016 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
2016 CJ 7010 Seminar in Criminal Justice, Univ of Cincinnati

Guest Lecture	2017 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2016 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2015 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2014 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2013 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2012 CJ 8074 Applied Crime Prevention, Univ of Cincinnati
	2017 CJ 8031 Ph.D. Research Methods, Univ of Cincinnati
	2016 CJ 8031 Ph.D. Research Methods, Univ of Cincinnati
	2015 CJ 8031 Ph.D. Research Methods, Univ of Cincinnati
	2016 CJ 1002 Introduction to Criminology, Univ of Cincinnati
	2016 IT 4037 Special Topics in Networking/Systems, Univ of Cincinnati

Teaching Assistantship	University of Cincinnati Crime Reduction Project (Directed Study). Spring 2012, Spring 2013 and Fall 2013, Univ of Cincinnati

MEMBERSHIP ON THESIS / CAPSTONE COMMITTEES

2021	Payton riley Ptacek, "Restore their potential: Exploring the expanded effects of restorative justice programs in schools." *Thesis Committee*, Master of Criminal Justice, University of Colorado Colorado Springs, Completed.
2020	Andie Hollins, "Spatial-Correlation between Juvenile Delinquency and Socio-economic Status of Neighborhoods in Colorado Springs." *Thesis Chair*, Master of Criminal Justice, University of Colorado Colorado Springs, in-progress.
2020	Gustavo Castanaza Cortez, "Bail bonds: The criminalization of poverty." *Second Reader*, Master of Criminal Justice, University of Colorado Colorado Springs, in-progress.
2020	Payton Ptacek, "Exploring the Expanded Effects of Restorative Justice Programs in Schools." *Second Reader*, Master of Criminal Justice, University of Colorado Colorado Springs, in-progress.

2020	Travis Wright, "Correlation Analysis between Gentrification and Crime in Denver, Colorado from 1990-2015." *Thesis Committee*, Master of Geography and Environmental Studies, University of Colorado Colorado Springs, Completed.

2020   Suzan Malazada, "Hate crime- Trumps era of hate." *Thesis Committee*, Master of Criminal Justice, University of Colorado Colorado Springs, Completed.

2020   Anjelika Hammack, "The Effect of Statutory Law Change in the Trends of Sexual Assaults." *Thesis Committee*, Master of Criminal Justice, University of Colorado Colorado Springs, in-progress.

2018   Kevin Collett, "Geographic, demographic, and descriptive homicide patterns and trends in a large urban city in Colorado: A Longitudinal examination." ***Co-chair***, Master of Public Affairs, University of Colorado Colorado Springs.

2017   Daniel Burks, "Does more police mean more protection?: Evaluating Woodland Park Police staffing." *Second Reader*, Master of Public Affairs, University of Colorado Colorado Springs, Completed.

10. RECOGNITIONS

2021   UCCS Faculty Award for Excellence in Teaching Nominee, University of Colorado Colorado Springs
2020   UCCS Faculty Award for Excellence in Research Nominee, University of Colorado Colorado Springs
2018 – 2019   UCCS *Daniels Fund Ethics Initiative* Fellows
2018   Nomination for *Ruth Shonle Cavan Young Scholar Award* at the Annual Conference of the American Society of Criminology

11. PROFESSIONAL ORGANIZATIONS

American Society of Criminology (ASC)
Academy of Criminal Justice Sciences (ACJS)
Environmental Criminology and Crime Analysis Symposium (ECCA)
International Association of Crime Analysts (IACA)
Association for Public Policy Analysis & Management (APPAM)
Korean Association for Public Administration (KAPA)

12. PROFESSIONAL SERVICE

SERVICES TO DEPARTMENT, COLLEGE, AND UNIVERSITY

2017 - 2021	Chair, CJ Curriculum Committee, UCCS
2019 - 2021	Member, CJ Graduate Certificate Development Committee
2018 - 2021	Committee, Faculty Research Council, UCCS
2018 - 2021	Member, CJ Student Awards Committee
2018 - 2021	Member, CJ Planning Committee, UCCS
2017 - 2018	Member, CJ Instructor Search Committee, UCCS
2017 - 2021	Attendee, UCCS Commencement (December 15,2017)
2017 - 2021	Member, School of Public Affairs Joint Curriculum Advisory Committee
2017 - 2021	Member, Bachelor of Criminal Justice Program Committee, UCCS
2017 - 2021	Member, Master of Criminal Justice Planning Committee, UCCS
2017 - 2021	Member, Master of Criminal Justice Program Committee, UCCS
2017 - 2021	Member, School of Public Affairs Council, UCCS
2017 - 2021	Discussant, Colorado State Patrol's Crime Analysis team

ACADEMIC SERVICES AS JOURNAL, BOOK, AND PROPOSAL REVIEWER

Nature (Scientific Reports)
Journal of Quantitative Criminology
Justice Quarterly
Journal of Research in Crime and Delinquency
Journal of Experimental Criminology
Journal of Crime and Justice
Annals of the American Association of Geographers
Oxford University Press
Crime Prevention and Community Safety
Applied Geography
Transactions in GIS
Security Journal
Environment and Planning B: Urban Analytics and City Science
SN Social Sciences
Applied Spatial Analysis and Policy
Australian and New Zealand Journal of Criminology
European Journal on Criminal Policy and Research
IEEE Intelligent Systems
IEEE Access
Cross-Cultural Research
Crime Science
International Centre for Mathematical Sciences in Edinburgh

Canadian Journal of Criminology and Criminal Justice
Cogent Social Sciences
University of Cincinnati Doctoral Student Research Grant Program
SAGE Publishing Book Review
The Study of Crime and Place: A Methods Handbook (Book Chapter Review)
Sweet Clarity: Writing to Get Things Done (Book Review)

13. RESEARCH INTERESTS

Crime	Applied Crime Prevention
Prevention	Crime Hot Spots Theory and Forecasting Algorithm
	Concentration of Crime at Place, Offender, and Victim
Policing	Police Effectiveness
Methodology	Geographic Information Systems (GIS)
	Experimental and Quasi-Experimental Research Methods
	Econometrics
	Statistics (Advanced/Basic)
	Optimizations and Multi-Criteria Methods

14. RESEARCH EXPERIENCE

2017 - 2018	Principal Investigator, National Institute of Justice: Real-Time Crime Forecasting Challenge (Grant No. 2016-NIJ-Challenge-0017). School of Public Affairs, University of Colorado Colorado Springs
2016 - 2017	Research Assistant to Dr. John E. Eck's Crime Lab, School of Criminal Justice, University of Cincinnati
2015 - 2016	Research Assistant to Dr. Michael L. Benson's Lab, School of Criminal Justice, University of Cincinnati
2014 - 2015	Research Assistant to Dr. Bonnie S. Fisher's Lab, School of Criminal Justice, University of Cincinnati
2012 - 2014	Graduate Assistant to the Campus Crime Reduction Project, University of Cincinnati
2012 -	Research Assistant to Dr. John E. Eck's Lab, School of Criminal Justice, University of Cincinnati
2011 - 2012	Research Assistant to Dr. Wilpen L. Gorr's Lab, School of Public Policy and Management, Carnegie Mellon University
2011	Project Participant to the County Level Re-Sentencing Guidelines Project directed by Dr. Alfred Blumstein, Carnegie Mellon University
2009 - 2010	Research Assistant to Dr. Jun-Seok Hwang's Lab, Technology Management Economics and Policy, Seoul National University

15. PROFESSIONAL DEVELOPMENT AND TRAINING

2020	Universal Design for Inclusive Teaching, University of Colorado Colorado Springs
2020	UCCS Powerful Teaching Training, University of Colorado Colorado Springs
2019	Colorado Department of Higher Education Open Educational Resources (OER) Basic Traning, University of Colorado Colorado Springs
2019	UCCS Compass Curriculum Course Assessment Summer Raters (Evaluator)
2018	UCCS Daniels Ethics Fellow Workshop, University of Colorado Colorado Springs.
2018	UCCS Compass Curriculum Course Assessment Summer Raters (Evaluator)
2018	UCCS Compass Curriculum Course Development
2018	UCCS Teaching Circle Training
2017	Pre-Semester Writing across the Curriculum Faculty Seminar, University of Colorado Colorado Springs.

16. QUANTITATIVE/COMPUTER SKILLS

Quantitative   Database Management (Microsoft Access)
Introduction to SAS

Statistics   Econometrics (with *Advanced Proficiency*)
Data Mining & Database Management (with *Advanced Proficiency*)

Software   Geographic Information System (with *Advanced Proficiency*)
Python, SQL
SAS, STATA, SPSS (with *Advanced Proficiency*)
HLM, MINITAB, MATLAB
Microsoft Access (with *Proficiency*)

17. LANGUAGE SKILLS

Korean (Advanced Proficiency)
German (Intermediate)

March 10, 2021 Last Updated