

CURRICULUM VITAE

YongJei Lee

PERSONAL DATA

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EDUCATION

2012 – **Ph.D. Candidate**, Criminal Justice, University of Cincinnati
GPA: 4.0/4.0 (*Completion of Coursework & Qualification Exam*)
Dissertation: “Comparing Measures of the Concentration of Crime at Places and Times” (*Proposal defended on October 27, 2016*)
Committee: John E. Eck (chair), Christopher J. Sullivan, Pamela Wilcox, and Shane D. Johnson

2012 **Master of Science** with *Highest Distinction and Departmental Honor*,
Public Policy and Management, Carnegie Mellon University,
GPA: 3.96/4.0 (Highest Distinction)

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

PUBLICATIONS

- 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.
- 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.
- 2015 Wilpen L. Gorr and **YongJei Lee**. “Early Warning System for Temporary Crime Hot Spots.” *Journal of Quantitative Criminology*, 31(1), 25-47.
- 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.

MANUSCRIPT IN PRESS

- In press Wilpen Gorr and **YongJei Lee**. “The Importance of Recognizing and Understanding Temporary Hotspots.” 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.

MANUSCRIPTS IN PROGRESS

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 Journal* (*under-review*)

SooHyun O, **YongJei Lee**, John E. Eck, and Natalie Martinez. “A Systematic Review of Crime Concentration at Victim.” *Crime Science Journal* (*under-review*)

Natalie Martinez, SooHyun O, **YongJei Lee**, and John E. Eck. “A Systematic Review of Crime Concentration at offender.” *Crime Science Journal* (*under-review*)

John E. Eck, **YongJei Lee**, SooHyun O, and Natalie Martinez. “The Importance of Asking, Compared to What?: Using Systematic Reviews to Measure the Relative Concentration of Crime at Place.” *Crime Science Journal* (under-review)

YongJei Lee, SooHyun O, and John E. Eck. “Crime and Land use in Cincinnati: An Empirical Evidence of Place Management on Crime.”

Arelys N. Madero-Hernandez, **YongJei Lee**, Pamela Wilcox, Bonnie S. Fisher, and Paul-Phillippe Pare. “Multilevel IRT Analysis for the Study of Crime Prevention.”

YongJei Lee, and Wipen L. Gorr. “Persistency of Temporary Crime Hot Spots.”

YongJei Lee and SooHyun O. “Hot spot policing in a business-as-usual Condition.”

TECHNICAL REPORT

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

PROFESSIONAL PRESENTATIONS

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. (forthcoming)

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. (forthcoming)

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. (forthcoming)

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

MEDIA INTERVIEW

September 20, 2016 Interviewed by Channel 12, WKRC, Cincinnati. Topic: Research on police size and crime. Link: (<https://www.youtube.com/watch?v=RR2FyfLAnv0>)

RESEARCH INTERESTS

Crime Prevention Applied Crime Prevention
 Crime Hot Spots Theory
 Concentration of Crime at Place, Offender, and Victim
 Crime Hot Spot Forecasting Algorithm

Policing Police Effectiveness

Methodology Geographic Information Systems (GIS)
 Experimental and Quasi-Experimental Research Methods
 Econometrics
 Statistics (Advanced/Basic)
 Optimizations and Multi-Criteria Methods

RESEARCH EXPERIENCE

2016 - 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 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

TEACHING INTERESTS

Introductory Courses	Introduction to Criminology 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 (at the Undergraduate and Graduate Levels) Evaluation Research Advanced Multivariate Analysis GIS and other Spatial Analytic Techniques Econometrics

TEACHING EXPERIENCE

Courses Taught	Crime Analysis (Crime Mapping) and Prevention. Fall 2015 and Summer 2016. Criminal Justice Statistics. Spring 2016. Introduction to Criminal Justice. Summer 2015.
Distance Learning	Course Facilitator. Fall 2016. Courses Assisted: Seminar in Criminal Justice. Course Facilitator. Fall 2016. Courses Assisted: Applied Crime Prevention.
Guest Lecture	Introduction to Criminology. Fall 2016. Special Topics in Networking/Systems. Fall 2016. Applied Crime Prevention. Fall 2012, Fall 2013, Fall 2014, Fall 2015, and Spring 2016. Ph.D. Research Methods. Spring 2016 and Fall 2015.
Teaching Assistantship	University of Cincinnati Crime Reduction Project (Independent Study). Spring 2012, Spring 2013 and Fall 2013.

QUANTITATIVE/COMPUTER SKILLS

Quantitative	Introduction to Database Management (Microsoft Access) Introduction to SAS
Statistics	Econometrics (with <i>Advanced Proficiency</i>) Data Mining & Database Management (with <i>Advanced Proficiency</i>)
Software	Geographic Information System (with <i>Advanced Proficiency</i>) SAS, STATA, SPSS (with <i>Advanced Proficiency</i>) HLM MINITAB, MATLAB Microsoft Access (with <i>Proficiency</i>) MS-SQL

AWARDS AND FUNDINGS

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

JOURNAL REVIEWER

Journal of Quantitative Criminology
Justice Quarterly
Cross-Cultural Research
Crime Prevention and Community Safety

Security Journal
IEEE Intelligent Systems

LANGUAGE SKILLS

Korean (Advanced Proficiency)

German (Intermediate)

MEMBERSHIPS

American Society of Criminology (ASC)

Academy of Criminal Justice Sciences (ACJS)

Environmental Criminology and Crime Analysis Symposium (ECCA)

REFERENCES

Dr. John E. Eck
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Dr. Pamela Wilcox
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