Narae Lee

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Academic Positions

Postdoctoral Scholar	The Population Research Institute at the Pennsylvania State University	2021-Present

Education

Ph.D.	University of California, Irvine | Urban and Environmental Planning and Policy Program, Committee: Douglas Houston (chair), Jae Hong Kim, and John R. Hipp	2015 – 2021
M.A.	Seoul National University| Landscape Architecture and Rural System Engineering Thesis: *Restorative Quality of Green Roof as Urban Green Space* Advisor: Tong Mahn Ahn	2013
B.S.	Kook-Min University | Forest Environmental System	2011

Research Interests

Environmental Psychology, Environmental Criminology, Geospatial Analysis, Sentiment Analysis

Awards & Fellowships

Nana Kirk Travel Scholarship, Environmental Design Research Association (EDRA)	2021
Gene Carte Student Paper Award (1st Place), American Society of Criminology (ASC)	2020
Graduate Dean's Dissertation Fellowship, Graduate Division (UCI)	2020
Miki Vohryzek-Bolden Student Paper Award (1st Place), Western Society of Criminology (WSC)	2020
June Morrison Travel Scholarship, Western Society of Criminology (WSC)	2020
Travel Grant, Associated Graduate Students (UCI)	2020
School of Social Ecology Dean's Advancement Fellowship (UCI)	Fall 2018
Merit-Based Award for Five Academic Year, Department of Policy, Planning, and Design (UCI)	2015-2020
Best Paper Award, 2013 Annual Academic Conference of the Korean Landscape Council	2013
Scholarship for Academic Excellence (Kook Min University)	2009
Scholarship for Academic Excellence (Kook Min University)	2008
Admission with Scholarship (Kook Min University)	2006

Publications

[04] **Lee**, **N.**, & Contreras, C. (2020). Neighborhood walkability and crime: Does the relationship vary by crime type? *Environment and Behavior.* Advance online publication. https://doi.org/10.1177/0013916520921843

[03] **Lee**, **N.** (2019). Roof gardens as alternative urban green spaces: A three-part study on their restorative quality in Seoul, South Korea. In M. A. Burayidi, J. Twigg, A. Allen, & C. Wamsler (Eds.), *Routledge handbook of urban resilience* (pp. 411–429). New York: Routledge.

[02] **Lee**, **N.**, Lee, J., & Lim, S. (2013). A Study on Perception Difference about Korean Traditional Factors between Koreans and Foreigners. *Korean Landscape Council, 5*, 47–58.

[01] Ahn, T, Lee, J., Kim, B., Yoon, H., Son, S., Yoo, C., **Lee**, **N.**, Lee, J., & Kim, H. (2013). An Analysis of Thermal Comforts for Pedestrians by WBGT Measurement on the Urban Street Greens. *Journal of Korean Institute of Landscape Architecture*., *41*, 22–30.

Conferences

[10] **Lee, N.** (2021). *Accessible and Walkable Neighborhoods and Psychological Well-Being: Analyzing the relationship using social media*. Paper to be presented at the virtual annual meeting of the Environmental Design Research Association, Detroit, MI.

[09] **Lee**, **N.**, & Contreras, C. (2020). *Neighborhood Walkability and Crime: Does the Relationship Vary by Crime Type?* Paper presented at the annual meeting of the Western Society of Criminology, Phoenix, AZ.

[08] Contreras, C., Hipp, J. R., & **Lee**, **N.** (2020). *An Egohood-Level Analysis of Heroin Abuse and Violent Victimization*. Paper presented at the annual meeting of the Western Society of Criminology, Phoenix, AZ.

[07] Contreras, C., Hipp, J. R., & **Lee**, **N.** (2019). *Spatializing the Drugs/Violence Nexus: Linking Heroin Abuse with Neighborhood Violence*. Paper presented at the annual meeting of the American Society of Criminology, San Francisco, CA.

[06] **Lee**, **N.**, & Contreras, C. (2019). *A Geospatial Analysis of Walkability and Crime on Los Angeles City Blocks*. Paper presented at the annual meeting of the Urban Affairs Association, Los Angeles, CA.

[05] **Lee**, **N.** (2017). *Restorative Quality of Green Roof as Urban Green Space*. Paper presented at the annual meeting of Association of Collegiate Schools of Planning, Denver, CO.

[04] Ahn, T., Ryu, S., Kim, H., Lee, J., Kim, B., Yoon, H., Son, S., **Lee**, **N.**, Choi, Y., Lee, J., Lee, W., & Shin, N. (2013). *An Analysis on Park Area per Person in South Korea*. Paper presented at the annual meeting of the Korean Institute of Landscape Architecture, Seoul, Korea.

[03] **Lee**, **N.**, Lee, J., & Lim, S. (2013). *A Study on Perception Difference about Korean Traditional Factors between Koreans and Foreigners*. Paper presented at the annual meeting of the Korean Landscape Council, Seoul, Korea.

[02] Ahn, T., Ryu, S., Lee, J., Kim, H., Yoon, H., Lee, S., **Lee**, **N.**, Choi, Y., Lee, J., Kim, H. (2013). *"Up-Lift Approach" for Landscape Planning. Landscape & Imagination: Towards a New Baseline for Education in a Changing World*. Paper presented at the annual meeting of International Scientific Conference, La Villette, France.

[01] **Lee**, **N**. (2012). *An Analysis on Maintenance Problems of Green Roof*. Paper presented at the annual meeting of the Korean Society of Environmental Restoration Technology, Seoul, Korea.

Guest Lectures

Topic: Environment & Psychological Well-Being: Why does accessibility matter?	**Cities and Sustainability** 2020 UCI Undergraduate class
Topic: Welfare Analysis	**Microeconomics for Urban Planning** 2020 UCI Graduate class
Topic: Restorative Natural Environment	**Cities and Sustainability** 2019 UCI Undergraduate class
Topic: Monopoly & Market Structures	**Microeconomics for Urban Planning** 2018, 2019 UCI Graduate class
Topic: Restorative Quality of Roof Gardens	**Research Design** 2017 UCI Undergraduate class
Topic: Restoration in Nature	**Environmental Psychology** 2016 UCI Undergraduate class

Graduate Student Researcher

- Principal Investigators: Dr. Nicholas Marantz (Co PI: Dr. Jae Hong Kim and Dr. Douglas Houston) 2020–2021
- Project Title: *Factors Affecting Development Decisions and Construction Delay of Housing in Transit-Accessible and Jobs-Rich Areas in California*
- This project is funded by the UC Irvine Institute of Transportation Studies
- In this project, I combine, clean, and manage large datasets from multiple Southern California jurisdictions and estimate spatial regression analysis.

Teaching Assistant

UCI, Department of Urban Planning & Public Policy

Environmental Justice	Undergraduate class	Spring 2020
Microeconomics for Urban Planning	Graduate class	Winter 2019, Winter 2018, Winter 2020

Introduction to Urban Studies	Undergraduate class	Fall 2019
Statistical Analysis in Social Ecology	Undergraduate class	Spring2019, Fall 2017
Research Design	Undergraduate class	Spring 2018, 2017
Introduction to Urban Planning	Undergraduate class	Fall 2016
Environmental Psychology	Undergraduate class	Summer 2016
Environmental Analysis and Design	Undergraduate class	Spring 2016
UCI, Department of Criminology, Law & Society		
Crime and Public Policy (Reader)	Undergraduate class	Summer 2020
Deviance	Undergraduate class	Winter 2017
Seoul National University, Department of Landscape Architecture		
Landscape Materials and Construction	Undergraduate class	Spring 2012

Service

Peer Mentor for Competitive Edge Summer Research Program | UC Irvine — Summer 2020

Brown Bag Committee member | Department of Urban Planning and Public Policy | UC Irvine — Winter 2018

Hosted "*The International Symposium on Sustainable Golf Course & the Environment*" | Landscape Conservation and Development Lab, Seoul National University — 2011

Work Experience

Architecture & Urban Research Institute (part-time assistant researcher) — 2014–2015

- Research on Establishing a *Guideline of Crime Prevention Through Environmental Design*
- Hosted "2014 International Seminal on Public Buildings," "Forum for Promotion of Architecture Culture," and "Network on Architecture & Urban Policy Research"

License & Certificates

Mentoring Excellence Program Certificate from University of California, Irvine — 2020

Course Design Certificate from University of California, Irvine — 2019

Neural Networks and Deep Learning from Coursera — 2019

Python Data Structure from Coursera — 2018

Programming for Everybody (Getting Started with Python) from Coursera — 2018

Education of Landscape Plants Management from Seoul National University — 2013

Engineer Landscape Architecture, South Korea — 2010

Professional Affiliations

American Society of Criminology (ASC)
Association of Collegiate Schools of Planning (ACSP)
Environmental Design Research Association (EDRA)
Urban Affairs Association (UAA)
Western Society of Criminology (WSC)