

Sungduck Lee

Landscape Architecture, Urban Design
162 College of Design, 715 Bissell Road
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EDUCATION **Doctor of Philosophy** in Environmental Planning and Design, 2013
The Design School, Herberger Institute of Design and the Arts, Arizona State University
Dissertation Title: Does Context Matter? Understanding the Urban Design Requirements of Successful Neighborhood Parks

Master of Architecture Post-Professional Degree with Urban Design Certificate, 2007
School of Architecture, The University of Texas at Austin
Thesis Design Study Title: De-territorialization of Urban Public Spaces: Revitalization of the Maas Riverside in Rotterdam, the Netherlands

Bachelor of Engineering Architectural Design Concentration, 2004
Department of Architecture, Chung-Ang University, Seoul, South Korea
Thesis Project Title: The Daehakro Art Center: Improving Urban Public Spaces for Youth Culture

ACADEMIC APPOINTMENT **Assistant Professor**, 08/2019-Present
Department of Landscape Architecture, The College of Design, Iowa State University
Master of Urban Design Program, The College of Design, Iowa State University

Lecturer, 08/2014-08/2019
Master of Urban Design Program, The College of Design, Iowa State University
Department of Architecture, The College of Design, Iowa State University

Postdoctoral Researcher, 08/2013-07/2014
Research Assistant, 08/2012-07/2013
School of Geographical Sciences and Urban Planning, Arizona State University
Project: Affordable Housing and Walkable Neighborhoods: A National Urban Analysis, funded by the U.S. Department of Housing and Urban Development.

Research Associate, 08/2011-08/2012
Phoenix Urban Research Laboratory (PURL), Arizona State University
Project: Public parks in Phoenix: Understanding the surrounding context of public open spaces.

Teaching Associate, 08/2008-05/2012
The Design School, Herberger Institute of Design and the Arts, Arizona State University

SCHOLARSHIP **BOOKS**
Talen, E. & Lee, S. (2018) *Design for Social Diversity, Routledge Equity, Justice and the Sustainable City series*. Routledge: New York & London.

BOOK CHAPTERS
Lee, S. (2019) "Researching the Social Goals of New Urbanism." In E. Talen (Ed.), *A Research Agenda for New Urbanism*. Edward Elgar publishing: Cheltenham, UK. (forthcoming)

JOURNAL PUBLICATIONS [PEER-REVIEWED]
Lee, S. (2018) "Surrounding Context of Neighborhood Parks: A Method for Public Space Classification." *Journal of Urbanism*. <https://doi.org/10.1080/17549175.2018.1531905>.

SCHOLARSHIP (CON'T) JOURNAL PUBLICATIONS [PEER-REVIEWED, CON'T]

Lee, S., Koschinsky, J. & Talen, E. (2018) "Walkable Access and Affordable Housing – Zoning, Land Use and Urban Form." *Journal of Architectural and Planning Research*.

Koschinsky, J., Talen, E., Alfonzo, M. & **Lee, S.** (2017) "How Walkable is Walker's Paradise?" *Environment and Planning B: Planning and Design: Urban Analytics and City Science*, 44(2), 343–363.

Talen, E., Anselin, L., **Lee, S.** & Koschinsky, J. (2016) "Looking for Logic: The Zoning -- Land Use Mismatch." *Landscape and Urban Planning*, 152, 27–38.

Lee, S. & Talen, E. (2014). "Measuring Walkability: A Note on Auditing Methods." *The Journal of Urban Design*, 19(3), 368–388.

CONFERENCE PRESENTATIONS [PEER-REVIEWED ABSTRACTS]

Lee, S. & Kim, J. "Understanding the context of mixed-use development: A case study of Kansas City". October 24 – 27, 2019, the 59th Association of Collegiate Schools of Planning (ACSP) Conference, Greenville, South Carolina (*forthcoming*).

Atodaria, J. & **Lee, S.** "Improving walk-ability and creating best practice manual for aging population in Iowa". October 24 – 27, 2019, the 59th Association of Collegiate Schools of Planning (ACSP) Conference, Greenville, South Carolina (*forthcoming*).

Halde, T. & **Lee, S.** "Connecting the Nodes: A better relationship between TOD and Pedestrian Connectivity". October 24 – 27, 2019, the 59th Association of Collegiate Schools of Planning (ACSP) Conference, Greenville, South Carolina (*forthcoming*).

Akhgari, M., **Lee, S.** & Shirtcliff, B. "Social Interaction and Public Sports: Crime Prevention for Youth in Alto Peru". Presented at the 49th UAA (Urban Affairs Association) Conference in Los Angeles, California, 4/2019.

Atodaria, J., **Lee, S.** & Shirtcliff, B. "Informal Public Spaces and Urban Design Interventions as a Neighborhood Revitalization Tool". Presented at the 49th UAA (Urban Affairs Association) Conference in Los Angeles, California, 4/2019.

Gyan, K., **Lee, S.** & Shirtcliff, B. "Re-Envisioning Public Spaces: Streetscape Design Strategies for Informal Neighborhoods". Presented at the 49th UAA (Urban Affairs Association) Conference in Los Angeles, California, 4/2019.

Halde, T., **Lee, S.** & Shirtcliff, B. "Re-Cycling Neighborhoods: Re-utilizing Informal Public Spaces through Waste Management System", Presented at the 49th UAA (Urban Affairs Association) Conference in Los Angeles, California, 4/2019.

Salari, K. & **Lee, S.** "Measuring Social Sustainability: A Method and Visualization". Presented at the 48th UAA (Urban Affairs Association) Conference in Toronto, Canada, 4/2018.

Salari, K. & **Lee, S.** "An Index for Diverse Dimensions of Social Sustainability in Urban Areas", Presented at the 2018 NCBDS (National Conference on the Beginning Design Student) at University of Cincinnati, Ohio, 3/2018.

Lee, S. "Understanding the Urban Design Requirements for Successful Neighborhood Parks", Presented at the 54th Association of Collegiate Schools of Planning (ACSP) Conference, Philadelphia, Pennsylvania, 10/2014.

Lee, S. "Does context matter? A Methodology for Classifying Urban Park Context", Presented at the 53rd Association of Collegiate Schools of Planning (ACSP) Conference, Cincinnati, Ohio, 11/2012.

Lee, S. "The Production of Public Space: Understanding the Surrounding Context of Public Open Space", Presented at the 52nd Association of Collegiate Schools of Planning (ACSP) Conference, Salt Lake City, Utah, 10/2011.

SCHOLARSHIP (CON'T) DOCTORAL DISSERTATION

Lee, S. (2013). "Does context matter? Understanding the urban design requirements of successful neighborhood parks". (Order No. 3560112, Arizona State University). ProQuest Dissertations and Theses, 137. Retrieved from <http://login.ezproxy1.lib.asu.edu/login?url=http://search.proquest.com/docview/1355212898?accountid=4485>. (1355212898).

ONLINE PUBLICATION

Talen, E. & Lee, S. (2010). "The Living Market". Retrieved September 2013, from Build a Better Burb: An ideas competition to retrofit Long Island downtowns (Urban Design Competition): <http://buildabetterburb.org/the-living-market/>. Selected as finalist, sponsored by the Long Island Index and the Rauch Foundation.

ONGOING RESEARCH PROJECTS

Lee, S. & Talen, E. *Density: Perception and Observation*. (book proposal)

Atodaria, J. & Lee, S. "Competencies and Qualifications for Urban Design Practice and Education." (Journal paper)

Lee, S. "Urban Design Heuristic Methods: Demystifying Urban Design Principles." (Grant proposal; Journal paper)

Lee, S. "Safety and Context of Public Space: Understanding the Urban Design Requirements for Successful Neighborhood Parks." (Journal paper)

Lee, S. "The Impact of Mixed Use Development in Neighborhoods: Myth or Truth?" (Journal paper)

Lee, S. "Urban Design for Planners" (Workshop proposal)

HONORS/ AWARDS

Graham Foundation Research and Development Grants (\$8835), Project title: *Urban Design Heuristic Cards: Demystifying Urban Design Principles*, Grant proposal submitted.

Dissertation Completion Fellowship (\$3358), Herberger Institute of Design and the Arts, Arizona State University, 01/2013

Graduate Research Support Program (\$2000), Graduate & Professional Student Association, Arizona State University, 11/2011

Travel Grants, Graduate & Professional Student Association, 10/2011, 11/2012

Graduate Fellowship (\$4500), Herberger Institute of Design and the Arts, Arizona State University, 08/2011

Build a Better Burb Design Competition, Entry: "The Living Market", Selected as finalist, sponsored by the Long Island Index and the Rauch Foundation, Collaboration with Emily Talen, 2010

Selected participant for the Association of Collegiate Schools of Planning (ACSP) PhD Workshop, City and Regional Planning Program, Georgia Institute of Technology, Atlanta, 06/2010

Graduate Fellowship (\$5000), College of Design, Arizona State University, 08/2008

Mebane Travel scholarship for Master Design Study (Project site: Rotterdam, the Netherlands), School of Architecture, The University of Texas at Austin, 02/2007

Academic scholarship (tuition support), Chung-Ang University, 03/2000

TEACHING SINCE 2014

Master of Urban Design Program, The College of Design, Iowa State University
Department of Architecture, The College of Design, Iowa State University
Department of Landscape Architecture, The College of Design, Iowa State University

Teaching areas: Urban design theory, Research methods and analysis, Urban design studio and practice, Data Visualization and visual representation, ArcGIS, Site design, Physical planning

**TEACHING
SINCE 2014 (CON'T)**

COURSE TAUGHT

- LA 541: Design Inquiry (Master-level interdisciplinary research method course), 3 credit hrs
Spring 2019, enrollment: 14 students
- URB D 521: Foundations of Urban Design (Online course), 3 credit hrs
Summer 2018, enrollment: 11 students
Spring 2019, enrollment: 25 students
- URB D 513: Urbanism Research (Master of Urban Design Thesis project), 3 credit hrs
Summer 2018, enrollment: 6 students
- URB D 531: Methods of Urban Design Workshop, 3 credit hrs
Summer 2015, enrollment: 13 students
Summer 2016, enrollment: 10 students
- URB D 532: Urban Design Media Workshop, 3 credit hrs
Fall 2017, enrollment: 20 students
Fall 2018, enrollment: 11 students
- ARCH 528C: Urban Form Analysis, 3 credit hrs
Spring 2015, enrollment: 17 students
- DSN S 546: Interdisciplinary Design Studio - urban design competitions, 6 credit hrs
Spring 2016, enrollment: 13 students
Spring 2017, enrollment: 16 students
Spring 2018, enrollment: 14 students
Spring 2019, enrollment: 16 students
- ARCH 596: Seminar on the Built Environment II Landscape and Society, 5 credit hrs
Spring 2016, enrollment: 11 students
Spring 2017, enrollment: 10 students
Spring 2018, enrollment: 13 students
- ARCH 597: Seminar on the Built Environment III Urban Theory and Practice, 3 credit hrs
Fall 2015, enrollment: 16 students
- ARCH 590: Independent study, 1-3 credit hrs
Spring 2016, enrollment: 3 students
Spring 2017, enrollment: 8 students
- LA 402: Urban Design Studio I, 6 credit hrs
Fall 2018, enrollment: 13 students
- ARCH 201: Architectural Design Studio I, 6 credit hrs
Fall 2015, enrollment: 16 students
- ARCH 202: Architectural Design Studio II, 6 credit hrs
Spring 2015, enrollment: 16 students
- ARCH 301: Architectural Design Studio III, 6 credit hrs
Fall 2014, enrollment: 16 students
Fall 2016, enrollment: 14 students
Fall 2017, enrollment: 17 students
- DES 250: Design Forum, 2 credit hrs
Fall 2017, enrollment: 30 students

ADVISING GRADUATE COMMITTEE CHAIR/ MEMBER

The College of Design, Iowa State University

Master of Community and Regional Planning

Jaydevsinh Atodaria "Urban design strategies and suburbanization in Midwest, USA" 2019
Committee Co-Chair

Tanvi Halde "Transit oriented development and neighborhood revitalization in Mumbai, India" 2019
Committee Co-Chair

Kwadwo Afari Gyan "Formal and Informal Planning Approaches in Ghana" 2019
Committee member

Samuel Merced-Matos "The effects of the Parcela Program in Puerto Rico's Rural Towns" 2018
Committee member

Nikole Self "The Paseo Gateway Choice Neighborhoods Initiative, Kansas City, Missouri" 2017
Committee member

Zhahn Bose "Walkable campus town: Welch Avenue Pedestrian Street, Ames, Iowa" 2017
Committee member

Theodore Sullivan "The North Grand Revival, Ames, Iowa" 2017
Committee member

Angela Snyder "A report of the 2015-16 Comprehensive Plan Update process for Story City, Iowa" 2016
Committee member

STUDENT WORK RECOGNITION *STUDENT AWARDS/ COMPETITIONS*

The College of Design, Iowa State University

Hansen Prize, Award for work in ARCH 301

Advised Hansen Prize winners in 2015 (Amanda Hoefling and Andrew Puntini)

Urban Land Institute Urban Design Student Competition, 2015, 2016, 2017, 2018, 2019

Advised ULI competition entry submission teams (total 15 teams)

UN HABITAT International Urban Design Student Competition, 2016

Advised an interdisciplinary, winning team (Fang Zhou, Rongchuan Zhang, Dianyu Yang)

Media:

UN HABITAT.ORG: <http://uni.unhabitat.org/winners-of-the-international-design-collaboration-for-kenya/>

IASTATEDAILY.COM: http://www.iowastatedaily.com/news/academics/article_59571cfc-88bb-11e6-9763-ffd8f9d9f5d.html

CoD NEWS: http://archive.design.iastate.edu/news/9/14/2016/kenya_competition

INSTITUTIONAL SERVICE *DEPARTMENT SERVICE*

Department of Architecture, Master of Architecture program committee, 2015-2018

Department of Architecture, Graduate Admissions Committee, Master of Architecture, 2017-2018

COLLEGE SERVICE

College of Design, Master of Urban Design program committee, 2015-present

College of Design, Graduate Admissions committee, Master of Urban Design, 2016-present

College of Design, Ad hoc committee for interdisciplinary research methods course development,

Department representative, 2018

PROFESSIONAL SERVICE *PEER REVIEWER*

Journals

Journal of Urbanism; Journal of Planning Education and Research (JPER); Urban Planning; Journal of Urban Design; Urban Studies; Environment and Planning B: Urban Analytics and City Science.