

# Seolha Lee

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## EDUCATION

- Ph.D., Informatics**, University of California - Irvine, USA 2021 - Jun 2026  
Adviser: Paul Dourish  
Dissertation Title - Precarious Hope, Fragile Practice: Data, Accountability, and Expertise in U.S. Public Governance  
Graduate Feminist Emphasis
- Master of City and Regional Planning**, Georgia Institute of Technology, USA 2019 - 2021  
Adviser: Clio Andris  
Specialization - Urban Design
- B.S., Civil & Environmental Engineering**, Seoul National University, Korea 2014 - 2019  
College of Liberal Studies | Summa Cum Laude  
Minor in Geography

## RESEARCH POSITIONS

- Graduate Student Researcher**, University of California - Irvine, USA 2021 - Mar 2024  
UCI's Steckler Center for Responsible, Ethical, and Accessible Technology (CREATE)  
Conducted research on data and tech practices in governments at different levels
- Graduate Research Assistant**, Georgia Institute of Technology, USA 2019 - 2021  
Friendly Cities Lab, School of City & Regional Planning  
Designed and studied data visualizations and dashboards for public decision-making
- Guest Researcher**, KAIST, Korea May - Aug 2018  
Maturepolis Lab, Department of Civil & Environmental Engineering  
Analyzed spatial activity patterns stratified by age groups in Seoul using place recommendation data on online map services

## PUBLICATIONS

### Peer-reviewed conference publications

1. **Lee, S.** and Dourish, P. 2024. Reconfiguring Data Relations: Institutional Dynamics around Data in Local Governance. *Proceedings of the ACM on Human-Computer Interaction*, CSCW2.

2. **Lee, S.** and Le Dantec, C. 2023. More Than a Property: Place-based Meaning Making and Mobilization on Social Media to Resist Gentrification. *Proceedings of the ACM on Human-Computer Interaction*, CSCW1.
3. Lee, D. and **Lee, S.** 2019. Inferring the Character of Urban Commercial Areas from Age-Biased Online Search Results: How Place Recommendation Data Can Reveal Dynamic Seoul Neighborhoods. In *UbiComp/ISWC '19 Adjunct*.

## Journal publications

1. **Lee, S.**, Warren, R., and Mazmanian, M. 2025. Efficient Service Provider or Committed Social Reformer?: Government Data Storytelling around City Data Projects. *Big Data & Society*, 12(3).
2. Liang, X., **Lee, S.**, Chen, H., Peña, B. de la, and Andris, C. 2022. Characteristics of Jetters and Little Boxes: An Extensibility Study Using the Neighborhood Connectivity Survey. *Social Inclusion*, 10(3), 221–232.
3. Chande, A., **Lee, S.**, Harris, M., Nguyen, Q., Beckett, S., Hilley, T., Andris, C., and Weitz, J. 2020. Real-time, Interactive Website for US-County-Level COVID-19 Event Risk Assessment. *Nature Human Behavior* 4, 1313–1319

## Extended abstracts

1. LeDoux, R., **Lee, S.**, Tracey, P., Warren, R., Nielsen, T., Hamann, A. 2025. Governments as Design Contexts: Institutional Realities of Technology and Design in Government Settings. In *Companion of the Computer-Supported Cooperative Work and Social Computing (CSCW Companion '25)*. Bergen, Norway.

## CONFERENCE PRESENTATIONS

1. **Lee, S.** and Dourish, P. 2025. How Government Tech Platforms Remain Solutions in the Face of Failures. 4S 2025, Seattle, USA.
2. **Lee, S.** and Dourish, P. 2024. The Anti-Racist Government Reform in the Accountability Trap: A Comparative Study of Equity-centered Initiatives in the US City Governments. 4S-EASST 2024, Amsterdam, Netherlands
3. **Lee, S.** and Dourish, P. 2023. Data for Productive Friction: Institutional data infrastructure for social justice. 4S 2023, Honolulu, USA
4. **Lee, S.**, Warren, R., and Mazmanian, M. 2023. Interrupting Governments' Data Performance: Critical Reading of Government Data Narratives as a Strategy to Empower Communities in Data-driven Cities. Data Justice Conference, Cardiff, UK
5. **Lee, S.** 2022. How Urban Activism Evolves with Social Media: A Case Study of Anti-Redevelopment Activism in Seoul, South Korea. American Association of Geographers 2022 Annual Meeting, New York NY, USA

6. **Lee, S.** and Andris, C. 2021. Estimating Diversity at Points of Interest (POIs) in Atlanta, Georgia using Origin Destination Trip Data. Association of Collegiate Schools of Planning (ACSP) 2021 Annual Conference, Virtual.
7. Liang, X., **Lee, S.**, Andris, C., Chen, H., and De La Pena, B. 2020. Characteristics of Individuals with Global, Local or Glocal Connectivity Patterns. North American Meetings of the Regional Science Association International (NARSCI), Virtual

## WORKSHOPS & PANELS

1. Organizer. “Governments as Design Contexts: Institutional Realities of Technology and Design in Government Settings”. Organized with LeDoux, R., Lee, S., Tracey, P., Warren, R., Nielsen, T., Hamann, A. At CSCW 2025, Bergen, Norway.
2. Selected Participant. “Who Has an Interest in “Public Interest Technology”?: Critical Questions for Working with Local Governments & Impacted Communities”. At CSCW 2022, Virtual Event.
3. Selected Participant. The 2025 Summer Research Institute of the Consortium for the Science of Sociotechnical Systems Research (CSST). Long Lake, NY, USA.

## INVITED TALKS

1. Invited Lecture. 2024. “Understanding and Designing Public Interest Tech.” At ICS 4 Human Factors for the Web. UC Irvine. Irvine, CA, USA.
2. Invited Talk. 2022. “Refiguring data work in city governments.” At The KAIST Interaction Lab (KIXLAB), KAIST. Seoul, Korea.

## PROFESSIONAL POSITIONS

<b>Intern in Research &amp; Analytics/Transportation &amp; Mobility Services</b> Atlanta Regional Commission Atlanta GA, USA	May - Aug 2020
<b>Urban Planner &amp; Design Researcher</b> YANGJIL.CO. Seoul, South Korea	2017 - 2019

## TEACHING

Teaching Assistant	INF133 User Interaction Software	Winter 2022
Teaching Assistant	ICS 5 Global Disruption and Information Technology	Fall 2021

## LEADERSHIP & SERVICE

<b>Reviewer</b> CSCW 2026, CSCW 2024, CHI 2024, DIS 2023	2023 -
<b>Volunteer Data Specialist</b> San Francisco CA, USA Supported non-profits with planning and conducting data communication with stakeholders Organizations: Wah Mei School, APG Beacon (Youth and community development organizations)	2022
<b>Student Planning Association</b> - Social Committee, Atlanta GA, USA Organized social events for the students in the city and regional planning program	2019
<b>Volunteering Tutor</b> , Seoul, South Korea Organization: Asian Hub Supported designing education and job training materials for marriage-immigrants	2019

## HONORS & AWARDS

Dissertation Writing Fellowship, UC Irvine	2025 - 2026
Graduate Dean's Dissertation Fellowship, UC Irvine	
UCI's Steckler Center for Responsible, Ethical, and Accessible Technology (CREATE) Fellow	2023 - 2024
Georgia Planning Association Fellowship, Georgia Institute of Technology	2019
Scholarship for Outstanding Grade, Seoul National University	2014 - 2017