Jiayang Li

Department of Landscape Architecture
Florida Institute for Built Environment Resilience (FIBER)
College of Design, Construction and Planning, University of Florida
PO Box 115704, 1480 Inner Rd, Gainesville, FL 32611
jiayangli@ufl.edu | 1.352.294.7936

CURRENT APPOINTMENT

University of Florida

2022 - present Assistant Professor, Department of Landscape Architecture
2022 - present Core Faculty, Florida Institute of Built Environment Resilience
2022 - present Affiliate Faculty, Water Institute
2023 - present Affiliate Faculty, School of Natural Resources and Environment

EDUCATION

2022 **Ph.D.**, School for Environment and Sustainability, University of Michigan
2018 **Master of Landscape Architecture**, School for Environment and Sustainability, University of Michigan
2015 **Bachelor of Engineering in Landscape Architecture**, Tongji University, Shanghai, China

PUBLICATIONS

Peer-reviewed Articles

10. **Li, J.**, Abukhalaf, A. H. I., Bean, E., Brisotto, C., Clark, M. W., Von Meding, J., Otalora, A., & Barry, S. (2025). Community perception and stewardship of public coastal infrastructure in Cedar Key, Florida. *Frontiers in Marine Science*, 12. https://doi.org/10.3389/fmars.2025.1639887
9. Zuo, C., Yang, X., Errickson, J., **Li, J**., Hong, Y., & Wang, R. (2025). AI-assisted evidence screening method for systematic reviews in environmental research: Integrating ChatGPT with domain knowledge. *Environmental Evidence*, 14(1), 5. https://doi.org/10.1186/s13750-025-00358-5
8. **Li, J.**, & Guo, Z. (2024). Leveraging Greenspace to Manage Urban Flooding: An Investigation of Nature-Based Solutions Implementation in U.S. Public Parks. *Land*, *13*(9), Article 9. https://doi.org/10.3390/land13091531
7. Shehab, I., Nassauer, J. I., Webster, N. J., Sampson, N., & **Li, J.** (2024). Perceptions of Detroit vacant lot greening designs related to depressive symptoms and household flooding. *Urban Forestry & Urban Greening*, *96*, 128358. https://doi.org/10.1016/j.ufug.2024.128358
6. **Li, J.**, Nassauer, J. I., Webster, N. J., Preston, S. D., & Mason, L. R. (2022). Experience of localized flooding predicts urban flood risk perception and perceived safety of nature-based solutions. *Frontiers in Water*, *4*. https://www.frontiersin.org/articles/10.3389/frwa.2022.1075790
5. **Li, J.**, Nassauer, J. I., & Webster, N. J. (2022). Landscape elements affect public perception of nature-based solutions managed by smart systems. *Landscape and Urban Planning*, *221*, 104355. https://doi.org/10.1016/j.landurbplan.2022.104355
4. **Li, J.**, & Nassauer, J. I. (2021). Technology in support of nature-based solutions requires understanding everyday experiences. *Ecology and Society*, *26*(4). https://doi.org/10.5751/ES-12838-260435
3. **Li, J.**, & Nassauer, J. I. (2021). Designing Aesthetic Experiences for the Cultural Sustainability of Ecological Health. *Landscape Architecture Frontiers*, *9*(5), 72–79. https://doi.org/10.15302/J-LAF-1-030029
2. Nassauer, J. I., Webster, N. J., Sampson, N., & **Li, J.** (2021). Care and safety in neighborhood

preferences for vacant lot greenspace in legacy cities. *Landscape and Urban Planning*, *214*, 104156. https://doi.org/10.1016/j.landurbplan.2021.104156

1. **Li, J.**, & Nassauer, J. I. (2020). Cues to care: A systematic analytical review. *Landscape and Urban Planning*, *201*, 103821. https://doi.org/10.1016/j.landurbplan.2020.103821

CONFERENCES AND INVITED TALKS

Peer-reviewed Conference Abstracts

- **Li, J.**, Galinski, A., Wang. Y., & Metz, T. 2026. Design Beginnings: Tracing the DNA of Foundational Studios in Landscape Architecture. *Council of Educators in Landscape Architecture (CELA) 2026 Annual Conference*. March 18-21, 2025, Cincinnati, OH.
- Liu, Y. & **Li, J.** 2026. Toward a Holistic Evaluation of Urban Parks: A Systematic Review of Accessibility, Availability, and Quality through an Ecosystem Services Lens. *Council of Educators in Landscape Architecture (CELA) 2026 Annual Conference*. March 18-21, 2025, Cincinnati, OH.
- **Li, J.**, Abukhalaf, A. H. I., Bean, E., Brisotto, C., Clark, M. W., Von Meding, J., Otalora, A., & Barry, S. 2026. Community perception and stewardship of living shorelines in Cedar Key, Florida. *People & Nature Symposium*. February 10-11, 2026. Gainesville, FL.
- **Li, J.** 2026. Understanding Perceptions of Bioretention Areas Using Eye-Tracking. *EWRI International Low Impact Development Conference 2026*. March 1-4, 2026, Jacksonville, FL.
- **Li, J.**, Otalora, A., Barry, S., Von Meding., J., & Brisotto, C. 2025. Understanding community perception and stewardship of coastal nature-based solutions for climate resilience: A case study in Cedar Key, Florida. *Council of Educators in Landscape Architecture (CELA) 2025 Annual Conference*. March 27-29, 2025, Portland, OR.
- Barry, S., Allen, M., Bean, E., Brisotto, C., Bruso, J., Colson, S., Clark, M., **Li, J.**, Ruppert, T., von Meding, J., Yu, X., Abukhalaf, A. 2024. Cedar Key ShOREs – A model for co-designing nature-based solutions in a small coastal town. *Symposium on Flooding Adaptation: Spotlighting Solutions for Florida*. October 28-31, 2024, Kissimmee, FL.
- **Li, J.**, & Guo, Z. 2024. Leveraging Greenspace to Manage Urban Flooding: An Investigation of Nature-Based Solutions Implementation in US Public Parks. *Council of Educators in Landscape Architecture (CELA) 2024 Annual Conference*. March 20-23, 2024, St. Louis, MO.
- Barry, S., Bean, E., Brisotto, C., Bruso, J., Calle, C., Carney, J., Chen, C., Clark, M., Galinski A., **Li, J.**, von Meding, J., Volk, M., and Yu., X. 2024. "Cedar Key – a model for co-designing climate adaptation in a small coastal town." *The Gulf of Mexico Conference*. Tampa, FL.
- Lin, T., Wang, R., Burton, G.A., Charles, S., **Li, J.**, Liu, Y., and Guan, J. 2023. "The perception dimension of urban stream syndrome—investigating the discrepancy between people's perception and environmental quality of stream and riparian zone." *The American Geophysical Union 2023 Annual Conference*. San Francisco, CA.
- Shehab, I., Nassauer J. I., Webster, N., Sampson N., & **Li, J.** 2023. "Mental Health and Flooding Experience Affect Perceptions of Green Stormwater Infrastructure Designs in Detroit." *The Council of Educators in Landscape Architecture 2023 Annual Conference*. San Antonio, TX.
- **Li, J.**, Nassauer, J. I., & Webster, N. 2022. "Using design to address implications for public perception of stormwater landscapes managed by smart technology." *The Council of Educators in Landscape Architecture 2022 Annual Conference*. Santa Ana Pueblo, NM.
- **Li, J.** and Nassauer, J. I. 2021. "Everyday landscape experiences as cultural ecosystem services that promote urban sustainability." *The Environmental Design Research Association 2021 Annual Conference*. Virtual.
- **Li, J.** 2021. "Beyond a feast for the eyes: recognizing everyday experiences as cultural ecosystem service for developing novel nature-based solutions in cities." *The Council of Educators in Landscape Architecture 2021 Annual Conference*. Virtual.
- **Li, J.** and Nassauer, J. I. 2020. "A broader concept of displaying human intention to enhance cultural

ecosystem services: how can landscape architects better utilize 'cues to care'?". The Council of Educators in Landscape Architecture 2020 Annual Conference. Louisville, KY (Canceled due to Covid-19).

- **Li, J.** 2020. "Will temporary changes in the appearance of urban green space affect landscape perception? An example of neighborhood stormwater ponds under climate change." The European Council of Landscape Architecture Schools 2020 Annual Conference. Uppsala, Sweden (Canceled due to Covid-19)

Invited Talks

- "Public Perception of Sustainable Landscaping Practices". *Florida-Friendly Landscaping Program Professional Webinar Series*, IFAS, University of Florida. October 14, 2025.
- "Understanding Community Perception and Everyday Landscape Experiences of Novel Nature-based Solutions". *GulfSouth Studio*, College of Design, Construction, and Planning, University of Florida. January 27, 2023.
- "Managing Urban Stormwater with Novel Nature-based Solutions: Why Community Perception and Everyday Landscape Experiences Matter." *The Geography Colloquium*. Department of Geography, University of Florida, January 18, 2023.
- Novel Nature-based Solutions: Understanding and Expanding the Role of Community Perception and Everyday Landscape Experiences." *College of Design, Construction, and Planning Research Seminar*. University of Florida. October 14, 2022.
- "Novel Nature-based Solutions for Climate Resilience: Why Do Community Perception and Everyday Landscape Experiences Matter?" *School of Landscape and Planning Research Seminar*. University of Florida. September 14, 2022.
- "Does Beauty Matter? Landscape aesthetics and ecological design". *Keywords in Contemporary Landscape Architecture Design (LA48200)*, Department of Horticulture and Landscape Architecture, Purdue University. February 17, 2022.
- "Water and Water Infrastructure". *Designing Water Infrastructure for Civic Expression (UR2008)*, Faculty of Planning, CEPT University, Gujarat, India. May 01, 2021.
- "Designing Green Stormwater Infrastructure (GSI) with Ecological, Technological, and Social-cultural Contexts in Mind". *LA Design Studio 3 (ARC 2413),* Department of Landscape Architecture, Texas Tech University. November 17, 2020.

GRANTS AND FELLOWSHIPS

Awarded Internal Research Grants

- UF NVIDIA AI and Complex Computational Research Award. "Advancing Campus Flood Vulnerability Assessment through Integrated Human Perception and Digital Technologies with High-Performance Computing". 2024-2026. (Co-PI, project total: $198,000)

Awarded External Research Grants

- NOAA - Florida Sea Grant College Program. 2026-2027 Biennial Applied Science Competition. "Leveraging Social Co-benefits to Advance Public Acceptance and Support for Living Shorelines in Florida." 2026-2028. (PI, project total: $320,000).
- National Academies of Sciences, Engineering, and Medicine, the Gulf Research Program - Gulf Futures Challenge. Pre-Proposal Planning Grant. "Architected Materials for Extreme Resistance in Coastal Applications (AMERICA)." 2025. (Co-PI, Investigator recognized portion: $3,222; project total: $300,000)

- National Academies of Sciences, Engineering, and Medicine, the Gulf Research Program - Engaging Communities to Design Nature-based Solutions to Mitigate Climate-related Hazards Phase 2. "Cedar Key ShOREs (Shoreline Options for Resilience and Equity)." 2023-2025. (Co-PI, Investigator recognized portion: $30,830; project total: $988,944)
- National Academies of Sciences, Engineering, and Medicine, the Gulf Research Program - Developing an Interdisciplinary Design Studio Course: Investigating Complex Challenges in the Gulf of Mexico. "Gulf*South* Studio". 2022-2024. (Co-PI, Investigator recognized portion: $7,361; project total: $554,302).
- National Academies of Sciences, Engineering, and Medicine, the Gulf Research Program - Engaging Communities to Design Nature-based Solutions to Mitigate Climate-related Hazards Phase 1. "Cedar Key ShOREs (Shoreline Options for Resilience and Equity)." 2022-2023. (Key personnel, Investigator recognized portion: $2,000; project total: $99,954).

AWARDS AND HONORS

2021 Engaged Pedagogy Initiative Fellowship ($500), University of Michigan
2019 Rackham Summer Training Awards ($1000), Institute for Social Research, University of Michigan
2018 Student Honor Award, ASLA Michigan Chapter
2017 Dow Distinguished Awards for Interdisciplinary Sustainability, First-Place. Team *Ocupação Anchieta Avança!* ($35,000*).* University of Michigan.
2017 Ford College Community Challenge (Ford C3). Team *Ocupação Anchieta Avança! ($25,000).*
2017 Superior Teaching Award, SEAS, University of Michigan
2017 Barbara Rotvig Memorial Award, SEAS, University of Michigan
2016 Terry and Janice Brown Award, SEAS, University of Michigan

TEACHING

University of Florida, College of Design, Construction, and Planning

LAA 2310 Sustainable Landscape Technologies 1
Spring 2026 (22 undergraduate students + 10 graduate students)
LAA 2365C Landscape Architecture Design 2
Spring 2026 (20 undergraduate students + 9 graduate students, co-instructing)
LAA 1920 Introduction to Landscape Architecture
Fall 2025 (asynchronous, 28 undergraduate students outside Landscape Architecture)
Fall 2024 (25 undergraduate students within and outside Landscape Architecture)
LAA 2360C Landscape Architecture Design 1
Fall 2025 (24 undergraduate students + 6 graduate students, co-instructing)
LAA 2360C Principles of Landscape Architecture Studio
Fall 2024 (19 undergraduate students + 9 graduate students, co-instructing)
LAA 2361C Planting Design Studio
Spring 2025 (19 undergraduate students + 10 graduate students, co-instructing)
Spring 2024 (20 undergraduate students)
Spring 2023a (18 undergraduate students)
LAA 6656C Advanced Landscape Architecture Studio
Fall 2022b (9 graduate students)

Invited Critic and Reviewer

- Final review, LARC 311 Design Studio IV: Ecological and Cultural Landscape Systems, College of Architecture, University of Nebraska-Lincoln. May 5, 2025.
- Final review, LARC 211 Landscape Architecture Site Design, College of Architecture, University of Nebraska-Lincoln. May 5, 2025.
- Mid-term review, LAA 6656c Advanced Design Studio, Department of Landscape Architecture, University of Florida. October 10, 2023.
- Final review, LAA 2360c Principles of Landscape Architecture, Department of Landscape Architecture, University of Florida. December 9, 2022.
- Final review, UR2008 Designing Water Infrastructure for Civic Expression, Faculty of Planning, CEPT University, Gujarat, India. May 27, 2021.
- Final review, LARC 2413 LA Design Studio 3, Department of Landscape Architecture, Texas Tech University. December 9, 2020.

Teaching Certification

2023 Great Teaching for New Faculty Certificate, University of Florida

MENTORING

Doctoral Students

Dissertation Committee Chair, Yiyi Liu, DCP, UF (expected 2028)
Dissertation Committee Member, Diana Quintero Bisono, Department of Anthropology, UF (expected 2030)

Master of Landscape Architecture (MLA) Terminal Project Students

Committee Chair, Jacob Ville, UF, 2025
Committee Member, Mara Broggi, UF, 2024

Master's Student General Advising

Graduate Research Assistant: Andrea Otalora, Andres Molina, Ziyi Guo
Graduate Teaching Assistant: Andres Molina, Sean McGuire, Yanlin Wang
Research Project Mentoring - Andrea Volonterio, an international graduate student (Master of science in 'Urban Green Areas and Landscape Planning and Management') from the University of Pisa, Italy, doing research exchanges through the ISSNAF (Italian Scientists and Scholars in North America Foundation) Scholarship at UF in FIBER. 2024

Bachelor's Student Capstone Project Advising

Advisor, Camina S. Jones, Sustainability and the Built Environment (SBE), UF, 2025

Bachelor's Student General Advising

Undergraduate Research Assistant:
William Lovings (SBE & Statistics 2028)
Natalie Jenkins (BLA 2027)
Hayden Germanis (BLA 2026)
Ella Pishko (BLA 2026)
Desi Roch – Hernandez (BLA 2026)

Seungju Lee (SBE 2026)

Student Awards Faculty Advisor

- 2026 Florida Climate Institute - Florida Student Climate Fellow. Student: Yiyi Liu.
- 2026 Florida Climate Institute - Florida Student Climate Fellow. Student: William Lovings.
- 2025 Student Award of Merit - Preservation & Conservation Category, American Society of Landscape Architecture, Florida Chapter. *Interwoven Narratives: Reimaging Matheson Historic Site*. Student: Sayra Cortes.
- 2024 Student Award of Honor - Residential Category, American Society of Landscape Architecture, Florida Chapter. *Rooted In Sunshine: A Habitat for Humanity*. Student: Gunnar Gierschke, Caroline Gordon, and Elizabeth Myers.

PROFESSIONAL SERVICES AND LEADERSHIP

National or International

Reviewer

Academic Journals (alphabetical): Current Opinion of Sustainability Research, Environment & Behavior, Frontiers in Climate, Journal of Environmental Management, Journal of Planning Education and Research, Land, Landscape and Urban Planning, Landscape Research Review, Natural Hazards, Urban Forestry & Urban Greening, Urban Science, Scientific Reports, Sustainability
Book proposals: Invited reviewer of a book proposal on planting design for Routledge (2026)
Grant proposals: National Science Foundation Human-Environment and Geographical Sciences Program; NOAA - Florida Sea Grant College Program
Conference abstracts: 2025 CELA Annual Conference, 2024 CELA Annual Conference, 2023 CELA Annual Conference, 2023 EDRA Annual Conference, 2020 CELA Annual Conference

University of Florida

Department of Landscape Architecture

Committee member, Communications Committee, 2025-present
Committee member, Awards Committee, 2025-present
Chapter Advisor, ***Sigma Lambda Alpha International Honor Society, University of Florida*** 2025-present
Committee member, Landscape Architecture Lecturer Search Committee, 2023
Committee member, Communications Committee, 2023
Committee member, Accreditation Committee, 023
Committee member, Assessment Committee, 2023
Committee member, Landscape Architecture Tenure Track Faculty Search Committee, 2022
Workshop organizer, Generative AI workshop for communications in LA, Jan 30, 2024

School of Landscape and Planning

Committee member, Urban and Regional Planning Assistant Professor Search Committee, 2024-2025
Event organizer, Research And Practice (RAP), Feb 1, 2024, DCP City Lab, Orlando

College of Design, Construction, and Planning

Committee Chair, FIBER Knowledge Network Committee, 2024-2025
Committee member, Diversity, Equity, and Inclusion Committee 2023

University of Michigan

President, ASLA Student Chapter (SASLA), University of Michigan, 2017-2018
Track Leader, Master of Landscape Architecture, University of Michigan, 2016-2017

External Committee

Committee member, Social Science Subcommittee of the Tampa Bay Estuary Program, 2023-now

MEDIA COVERAGE

- 2022 *Commercial Observer*, Anna Staropoli, "After Ian, Rebuilding in Disaster-Prone Areas Is Up for Debate" https://commercialobserver.com/2022/10/after-ian-rebuilding-in-disaster-prone-areas-is-up-for-debate/

PROFESSIONAL MEMBERSHIPS

Council of Educators in Landscape Architecture

DESIGN PROFESSIONAL PRACTICE

2017-2018 Landscape Architect Intern, SmithGroup, Ann Arbor
2016 June-August Landscape Planner Intern, AECOM, Shanghai