

Haoyue (Karma) Yang

Ph.D., MLA, LEED GA

School of Planning, Design and Construction, Michigan State University

552 W. Circle Drive, Room 201C,
East Lansing, MI 48824

979.450.5277

hyyang@msu.edu

EDUCATION

2025	Doctor of Philosophy , Urban and Regional Science, <i>Texas A&M University, College Station, Texas</i>
2020	Master of Landscape Architecture , <i>Texas A&M University, College Station, TX</i> Certificate of Health Systems and Design , <i>Texas A&M University, College Station, TX</i> Certificate of Sustainable Urbanism , <i>Texas A&M University, College Station, TX</i>
2017	Bachelor of Landscape Architecture , Landscape Architecture, <i>Northeastern Forestry University, Heilongjiang, China</i> Visiting Student , Landscape Architecture, <i>Tunghai University, Taiwan, China</i>

PROFESSIONAL APPOINTMENTS

2025-present	Assistant Professor, Michigan State University Building a vibrant and collaborative research agenda; teaching undergraduate and graduate-level courses in the landscape architecture program at School of Planning, Design and Construction; providing mentorship and research guidance to undergraduate and graduate students; engaging in meaningful service to Michigan State University and the field at large.
2018-2025	Teaching Assistant, Instructor of Record, Texas A&M University Assisting and teaching undergraduate and graduate-level courses in the landscape architecture program at College of Architecture.

FUNDING AND RESEARCH SUPPORT

Current

INTERNAL GRANTS

Access to green spaces and effect of social interaction on the well-being of older adults: A pilot project in Jackson, MI

Funder: SPDC Interdisciplinary Catalyst Grant Program, Michigan State University

Role: Principal Investigator

Co-PI: Zeenat Kotval-K

Funding Period: Nov 2025-Dec 2026

Total Funds Awarded: \$25,000

Completed

INTERNAL GRANTS

Integrating AI Image Generators in Urban and Landscape Digital Communication and Education

Funder: TAMU Graduate and Professional School, Texas A&M University

Role: Principal Investigator

Funding Period: Aug 2023-May2024

Total Funds Awarded: \$1,000

TEACHING EXPERIENCE

LA 883: Environmental Design Seminar (3 credits)

Fall 2026

A graduate-level course on Landscape Performance Assessment, which focuses on evaluating the environmental, social, and economic outcomes of built landscape projects using evidence-based methods and professional tools.

Michigan State
University

LA 332: Advanced Site Engineering (3 credits)

Fall 2025

An undergraduate advanced construction studio focuses on sustainable site development and the integration of accessibility, low-impact development strategies, irrigation systems, and road and trail planning.

Michigan State
University

LAND 331/614: Landscape Architectural Site Engineering and Development (4 credits)

Spring 2024, Spring 2023, Spring 2022, Spring 2021, Spring 2020, Spring 2019

An advanced undergraduate and graduate-level course focuses on sustainable landscape construction systems, including planting design, green infrastructure technologies, irrigation, site layout, and grading strategies for low-impact development.

Texas A&M
University

LAND 231/612: Landscape Construction I (4 credits)

Fall 2023, Fall 2021, Fall 2020, Fall 2019

A fundamental undergraduate and graduate-level undergraduate and graduate-level course introduces core principles of site development, including grading and drainage, basic hydrology and hydraulics, stormwater management, earthwork calculations, and landscape construction materials.

Texas A&M
University

LAND 601: Landscape Architectural Design Theory and Application I

(5 credits)

Fall 2022

A graduate design studio foundational landscape architectural design theories and processes, emphasizing context-sensitive and evidence-based design, form-making, spatial relationships, and the integration of natural, social, and ecological factors, along with clear communication of design ideas.

Texas A&M
University

PEER-REVIEWED JOURNAL ARTICLES

2026

- Zhong, S., Lee, H., Y., & **Yang, H.** (2026). What makes neighborhoods livable? Neighborhood environments, intergenerational interactions, and perceived neighborhood livability among older adults in Austin, Texas. *Journal of Intergenerational Relationships*.

2025

- Dvorak, B., Zhong, S., & **Yang, H.** (2025). Ecologically sustainable design and construction: A reflection on teaching resources. *Landscape Journal*.

2024

- Zhong, S., Curran, L., **Yang, H.**, Hahm, Y., & Lee, C. (2024). Understanding Intergenerational Interactions Between Older Adults and Children: Expert Opinions About the Roles of Community Environments. *Journal of Applied Gerontology*, 07334648251347337.

2022

- **Yang, H.**, Rigsby, M., Zhu, X., Lee, C., & Ory, M. (2022). COVID-19 in long-term care facilities: A rapid review of infection correlates and impacts on mental health and behaviors. *HERD: Health Environments Research & Design Journal*, 15(3), 277-294.
- Park, A. H., Zhong, S., **Yang, H.**, Jeong, J., & Lee, C. (2022). Impact of COVID-19 on physical activity: A rapid review. *Journal of Global Health*, 12.
- Zhu, X., Lee, H., Sang, H., Muller, J., **Yang, H.**, Lee, C., & Ory, M. (2022). Nursing home design and COVID-19: Implications for guidelines and regulation. *Journal of the American Medical Directors Association*, 23(2), 272-279.

MANUSCRIPTS UNDER REVIEW

- **Yang, H.**, Song, Y., Prochnow, T., & Lee, C. (under review). Using social network analysis to explore the role of public spaces in social interaction and social segregation: a data-driven case study in Laredo, Texas. *Journal of the American Planning Association*.
- Hahm, Y., Zhong, S., **Yang, H.**, Chen, X., & Lee, C. (under review). The impact of physical activity-promoting built environments on children's interactions with older adults. *Cities*.

REFEREED PRESENTATIONS

2025

- **Yang, H.**, Lee, C., & Zhu, X. (2025). Understanding intergroup contact through park design: Observational study of four Houston parks. *ACSP 65th Annual Conference*.

2024

- **Yang, H.**, Dvorak, B., & Zhong, S. (2024). Assessment of resources for teaching LID construction in landscape architecture. *Council of Educators in Landscape Architecture 2024 Conference*.
- **Yang, H.**, Song, Y., & Tao, Z. (2024). Integrating AI image generators in urban and landscape digital communication and education: A case study at Texas A&M University. *Council of Educators in Landscape Architecture 2024 Conference*.
- Zhong, S., Curran, L., **Yang, H.**, Hahm, Y., Prochnow, T., & Lee, C. (2024). Intergenerational communities for health: Insights from nationwide expert interviews. *Council of Educators in Landscape Architecture 2024 Conference*.

- Park, S., **Yang, H.**, Zhu, X., Ory, M., Lu, Z., & Lee, C. (2024). Built environments and health conditions of community-dwelling older adults: Investigating the mediating effects of physical activity and social interaction. *2024 Active Living Conference*.

2023

- **Yang, H.** (2023). Graduate Student Mentoring Workshop. *54th EDRA conference*.
- **Yang, H.**, Prochnow, T., & Song, Y. (2023). Who we get social exposed in public spaces? A big data-driven case study in Laredo, TX. *Sunbelt 2023 - International Network for Social Network Analysis Conference*.
- **Yang, H.**, Song, Y., Prochnow, T., & Lee, C. Defining Social Segregation and Identifying the Role of Public Spaces in Social Interaction: A Data-driven Case Study in Laredo, Texas. *ACSP 63rd Annual Conference*.

2022

- **Yang, H.**, Song, Y., & Lee, C. (2022). Visualizing the centrality of public spaces and social segregation in urban social network: a data-driven case study in Laredo, Texas. *Council of Educators in Landscape Architecture 2022 Conference*.

2021

- Park, A., Zhong, S., **Yang, H.**, Jeong, J., & Lee, C. Active Living amid COVID-19: The Roles of Community Environments. In *CUGH 2021 Virtual Conference*. CUGH.
- **Yang, H.**, Rigsby, M., Lee, H., Zhu, X., Ory, M., & Lee, C. COVID-19 and Nursing Homes: Environmental and Policy Factors that Impact COVID-19 Spread among Nursing Home Residents in Texas. In *CUGH 2021 Virtual Conference*. CUGH.
- Zhu, X., Lee, H., **Yang, H.**, Lee, C., Ory, O., DeLao, Aaron, & Hall, R. Impacts of COVID-19 and Roles of Housing and Neighborhood Characteristics: An In-depth Look at Nursing Homes and Affordable Housing. In *CUGH 2021 Virtual Conference*. CUGH.

PEER REVIEWER

- The Council of Educators in Landscape Architecture (CELA) Annual Meeting
- The Environmental Design Research Association (EDRA) Annual Meeting
- The Association of Collegiate Schools of Architecture (ACSA) Annual Meeting
- HERD: Health Environments Research & Design Journal
- Journal of Environmental Psychology

SERVICE

2025-present	Committee Member, Culture, Access, and Belonging Committee, SPDC, MSU
2018-present	Part-time Editor, ArchiDog Press, China
2024-2025	Committee Member, Texas ASLA 2025 Conference, TX
2020-2022	Part-time Editor, Landscape China, China
2019-2020	Graduate President, TAMU ASLA, Texas A&M University

HONORS, AWARDS AND RECOGNITIONS

2024	McKain Scholarship, Texas A&M University, Texas, USA
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2024	Academic Excellence Scholarship , <i>Texas A&M University, Texas, USA</i>
2023	Nana Kirk Student Travel Scholarship , <i>Environmental Design Research Association, USA</i>
2023	Jesus Hinojosa Endowed Urban Planning Scholarship , <i>Texas A&M University, Texas, USA</i>
2020	ASLA Student Award , <i>American Society of Landscape Architects, USA</i>
2020	Texas ASLA Student Award , <i>American Society of Landscape Architects Texas Chapter, Texas, USA</i>
2020	Design Research for Active Living Scholarship , <i>Texas A&M University, Texas, USA</i>
2019	First Place, Reach Design Competition , <i>Texas A&M University, Texas, USA</i>
2019	Microclimatic Design Research Group Scholarship , <i>Landscape Architecture and Urban Planning, Texas A&M University, Texas, USA</i>
2019	Antonio F. Sarabando Jr. “Spirit of Place Award” , <i>Landscape Architecture and Urban Planning, Texas A&M University, Texas, USA</i>
2017	Excellent Work , <i>Taiwan Student Competition of Landscape Design, China</i>