

dr. wei liu, aicp, cnu-a

wliu@ou.edu

Gibbs College of Architecture, Gould Hall 245, 830 Van Vleet Oval Norman, OK 73019

research areas

Infrastructural Mixed-Use; Sustainable and Resilient Design; Urbanism Praxis

current appointment

2025 – **University of Oklahoma** – Norman, OK
Assistant Professor, Division of Planning, Landscape Architecture & Design
Assistant Professor, Institute for Quality Communities
Gibbs College of Architecture

education

2021 **Washington University, Sam Fox School of Design & Visual Arts** – St. Louis, MO
Doctorate, Sustainable Urbanism
Dissertation: The Design Patterns and Social Sustainability
Committee: Dr. Linda Samuels, Dr. Ian Trivers, Dr. Rodrigo Reis, Elizabeth Plater-Zyberk

2016 **University of Miami, School of Architecture** – Coral Gables, FL
Master, Urban Design
Thesis: Smart Growth, New Urbanism, and Smart City
Advisor: Elizabeth Plater-Zyberk

2014 **Tianjin Chengjian University, School of Architecture** – Tianjin, China
B.E., Urban and Regional Planning
Graduation with Distinction

publications

2025 Liu, W. (2025). *Resilient urban design: The art and science of transforming cities*. Access: www.cnu.org/publicsquare/2025/02/26/resilient-urban-design-art-and-science-transforming-cities

2024 Liu, W. (2024). “*Texasfornia*,” soon to be a reality, needs more mixed-use. Access: www.cnu.org/publicsquare/2024/07/15/texasfornia-soon-be-reality-needs-more-mixed-use

2019 Liu, W. (2019). *The relationship between residential density and neighborhood cohesion in the greater St. Louis Area*. Access: www.cnu.org/new-urban-research/papers

2015 Liu, W. (2015). *To develop new urbanism with Chinese characteristics*. 2015 Fall newsletter of American Planning Association New Urbanism Division, 5-8.

2013 Liu, W., (2013). *Applying city image methods to Huizhou architecture in modern urban construction*. Urbanism and Architecture, 18, 172. doi.org/10.3969/j.issn.1673-0232.2013.18.158 (In Chinese)

wip Quan, X., Eyler, A., Pham, G., Liu, W., & Holland, D. *Optimization of administrative workplaces in healthcare: Effects on space utilization and office worker satisfaction*.

grants and awards

2025 Designing Small-Town Mobility Corridors Through an Integrated Lens of Spatial Design, Land Use, and Emerging Technologies. *University of Oklahoma Christopher C. Gibbs College of Architecture Program for Research Enhancement* – \$6,490 | PI: Wei Liu; Co-PI: Ladan Mozaffarian
Mobile Urban Design Unit, Strategic Equipment Investment Program. *University of Oklahoma Vice President for Research and Partnerships* – \$30,052 | Co-PI: Wei Liu; Co-PI: Amber Wiley
From Street to System: Designing Place-Based Mobility Corridors in Small-Town Oklahoma. *SOM Foundation* – \$29,997 | PI: Wei Liu; Co-PI: Ladan Mozaffarian (Under Review)

2019 Graduate Student Travel Grant. *Sam Fox School Design & Visual Arts, Washington University* – \$600
Smart City Solutions Competition Certificate of Participation. *City of Coral Gables, FL*

2018 Using Space Syntax Theory to Understand the Built Environment in Neighborhoods in St. Louis. *Center for the Humanities, Washington University, Mellon Foundation* – \$5,000 | PI: Wei Liu
Graduate Student Travel Grant. *Sam Fox School Design & Visual Arts, Washington University* – \$600

2017 Comparative Analysis of the Quality Indicators in Public Spaces of the Central Corridor Development in St. Louis. *Center for the Humanities, Washington University, Mellon Foundation* – \$5,000 | PI: Wei Liu

2016 Doctoral Full-Tuition Scholarship. *Sam Fox School Design & Visual Arts, Washington University*
Gina Tirinnanzi Memorial Scholarship. *American Planning Association*

2015 Gina Tirinnanzi Memorial Scholarship. *American Planning Association*

2014 Master of Urban Design Program Half-Tuition Scholarship. *School of Architecture, University of Miami*

presentations and panel discussions

2026 Wei Liu. “8-Point Visual Check for a Better Main Street.” *The 2026 Main Street Now Conference*, Tulsa, OK, April 13-15, 2026.

2025 Wei Liu. “Urban Design.” *Guest Lecture for PDC 1003: Gateway to Building Communities*, *University of Oklahoma*, Norman, OK, November 18, 2025.

Wei Liu. “The Built Environment and Public Health.” *Guest Lecture for PHCH 4103: Environmental Health*, *University of Oklahoma*, Norman, OK, November 5, 2025.

2023 Wei Liu. “Form-Based Codes.” *Guest Lecture for MUD 652H: Metropolitan Development*, *Washington University*, St. Louis, MO, November 10, 2023.

Jonathan Flynt, Wei Liu, Scott Henninger, Rachel Helton. “Community-led Regional Planning: A Response to Blue Oval City.” *The Tennessee Chapter of the American Planning Association (TAPA) 2023 Fall Conference*, Memphis, TN, October 25-27, 2023.

2022 Wei Liu. “Correlational Research.” *Guest Lecture for A49 768 Theories and Methods of Architecture, Landscape and Urbanism Research*, *Washington University*, St. Louis, MO, March 4, 2022.

2019 Wei Liu. “The Relationship Between Residential Density and Neighborhood Cohesion in the Greater St. Louis Area”* *The 56th International Making Cities Livable Conference on A Healthy City for All*, Portland, OR, June 17-21, 2019.

Wei Liu. "Residential Built Density and Neighborhood Cohesion in St. Louis." *Annual Conference of the Congress for the New Urbanism*, Louisville, KY, June 12-15, 2019.

Wei Liu. "Pruitt-Igoe Documentary Screening and Panel Discussion" *Summer Research Program (Public & Global Health Track) of Institute for Public Health, Washington University*, St. Louis, MO, June 11, 2019.

Wei Liu. "Sustainable Urbanism of To-morrow" *Shanghai International Young Scholar Forum of Universities at Tongji University*, Shanghai, China, March 28, 2019.

2018 Wei Liu. "Collective Approach Towards a Net Zero Electricity Neighborhood" ** Missouri-Arkansas Bi-State Conference of American Planning Association*, New Kansas City, MO, October 25, 2018.

2015 Wei Liu. "Comparative Analysis of Quality Indicators in Public Spaces of St. Louis" *Annual Conference of American Association of Geographers*, New Orleans, LA, April 10-14, 2018.

2015 Wei Liu. "New Urbanism Practices in China" *National Planning Conference of American Planning Association*, Seattle, WA, April 18-21, 2015.

teaching and mentorship

Instructor, University of Oklahoma

2026 EnD 4970: Design Resilient Communities (spring, 3-credit)
 EnD 4993: Environmental Design Capstone (spring, 3-credit)

2025 EnD 3893: Intro to Urban Real Estate Development (fall, 3-credit)

Supervision of Graduate Students, University of Oklahoma

2026 Rebecca Blaine, PhD Student in Planning, Design, & Construction, Division of Architecture, University of Oklahoma, *TBD*, Dissertation Committee Chair: John Harris, Committee Members: Wei Liu, Ladan Mozaffarian, & Cynthia Rogers.
 David McPherson, Master Student in Regional and City Planning, Division of Planning, Landscape Architecture & Design, University of Oklahoma, *Form-Based Code and Economic Development: A Case Study of Norman, OK*, Committee Chair: Charles Warnken, Committee Members: Wei Liu, John Harris & Ladan Mozaffarian.

2025 Sanjita Basnet, Dez Harris, David McPherson, Master Student in Regional and City Planning, Division of Planning, Landscape Architecture & Design, University of Oklahoma, *Poteau Dewey District*. Sponsored by Institute for Qualities Communities.

Teaching Assistant, Washington University

2022 MUD 690: Urban Design Research Theories & Methods (summer, 3-credit, teaching assistant for Matthew Bernstine)
 MUD 658: Metropolitan Sustainability (spring, 3-credit, teaching assistant for Matthew Bernstine)

2021 – 22 MUD 568: Theories & Methods of Architecture, Landscape and Urbanism Research (spring, 3-credit, teaching assistant for Ian Trivers)

2021 MUD 652H: Metropolitan Development (fall, 3-credit, teaching assistant for Ian Trivers)

2019 MUD 4102: Lively City: Behavioral Studies & Public Space Design (summer, 2-credit, teaching assistant for John Hoal)

2018 MUD 711: Elements of Urban Design Studio (fall, 6-credit, teaching assistant for Linda Samuels)

2016 – 18 MUD 562H: Informal Cities Workshop (fall, 1-credit, teaching assistant for John Hoal)

Teaching Assistant, University of Miami

2015 ARC 601: Urban Design Studio I (fall, 6-credit, teaching assistant for Elizabeth Plater-Zyberk)
 ARC 639: Adaptation to Climate Change (spring, 3-credit, teaching assistant for Elizabeth Plater-Zyberk)
 ARC 623: Urban Design Competition (spring, 1-credit)
 ARC 306: Architecture Design VI (spring, 6-credit, teaching assistant for Oscar Machado)

2014 ARC 621: Housing, Infrastructure and Transportation (fall, 3-credit, teaching assistant for Eric Firley)

professional projects

2026 Durant 5th and 6th Avenue Multi-modal Mobility Corridor Framework Design. *Client: Durant Sustainability Coalition*, Durant, OK.
 Durant Market Square Conceptual Design. *Client: City of Durant*, Durant, OK.

2025 Poteau Dewey District Streetscape Design. *Client: Poteau Chamber of Commerce*, Poteau, OK.

2024 Southside Gateway Community Plan, Choice Neighborhood Planning Grant, U.S. Department of Housing and Urban Development. *Client: City of Lorain Housing Authority*, Lorain, OH.
 City of Jackson Design Guidelines. *Client: Jackson Chamber of Commerce*, Jackson, TN.
 City of Jackson Downtown/Airways Small Area Plans. *Client: Jackson Chamber of Commerce*, Jackson, TN.
 City of Jackson Oman Arena Small Area Plans. *Client: Jackson Chamber of Commerce*, Jackson, TN.
 City of Jackson Jackson Plaza Small Area Plans. *Client: Jackson Chamber of Commerce*, Jackson, TN.
 City of Jackson West Jackson Small Area Plans. *Client: Jackson Chamber of Commerce*, Jackson, TN.
 Beach St. & State Highway 170 Master Plan. *Client: Hillwood Properties*, Fort Worth, TX.

2023 Tipton County Future Land Use Plan – Tipton Together. *Client: Tipton County & City of Covington*, Tipton, TN.
 Haywood County Future Land Use Plan – Haywood Next. *Client: Haywood County, City of Brownsville & City of Stanton*, Haywood, TN.
 LeMoyne-Owen College Campus Master Plan *Client: LeMoyne-Owen College*, Memphis, TN.
 Estero Village Center: Entertainment District Master Concept Plan *Client: Village of Estero & Vieste, LLC*, Estero, FL.

2022 Future of Kingsville: Vacant Lots and Buildings Can Bring Opportunities. *Client: St. Louis Association of Community Organizations*, St. Louis, MO.

services and committees

2026 Haines Borough AK Planned Unit Development (PUD) regulations, Advisory Services

2025 – GCA Name Change Advisory Ad Hoc Committee – Gibbs College of Architecture, University of Oklahoma

Oklahoma Capital Complex Master Plan Capstone Project Committee – Gibbs College of Architecture, University of Oklahoma

Urban Land Institute (ULI) Oklahoma Advisory Board Meeting

2024 – 25 Board Member – Congress for the New Urbanism North Texas Chapter (CNU-NTX)

2018 – 19 Vice President – Global Health Student Advisory Committee, Institute for Public Health, Washington University

affiliations

2026 – Member – Main Street America

2025 – Faculty Affiliate – Institute for Quality Communities (IQC), University of Oklahoma

Faculty Affiliate – Institute for Community and Society Transformation (ICAST), University of Oklahoma

Faculty Affiliate – Data Institute for Societal Challenges (DISC), University of Oklahoma

GCA Name Change Advisory Ad Hoc Committee – Gibbs College of Architecture, University of Oklahoma

Member – Association of Collegiate Schools of Planning (ACSP)

2023 – Member – Urban Land Institute (ULI)

2017 – Member – American Association of Geographers (AAG)

2016 – Member – The Congress for the New Urbanism (CNU)

2015 – Member – American Planning Association (APA)

qualifications

American Institute of Certified Planners (AICP)

American Planning Association, Credential ID 36071

The Congress for the New Urbanism - Accredited (CNU-A)

The Congress for the New Urbanism

Human Research, IRB Members and Researchers

CITI Program, Credential ID 25216334

NCI Charrette System Certified

National Charrette Institute, Certificate Issued

technical skills

Visualization

InDesign, Illustrator, Photoshop, Adobe Express, Canva, ArcGIS Pro, Sketch-up, Auto-CAD, Depthmap X, Python, Visual Studio Code, Tableau, Power BI, L^AT_EX

Statistics

SPSS, GraphPad Prism, NVivo

Languages

Bilingual in English and Chinese