

## dr. wei liu, aicp, cnu-a

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

### research areas

Infrastructural Mixed-Use; Sustainable and Resilient Urban 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](http://www.cnu.org/publicsquare/2025/02/26/resilient-urban-design-art-and-science-transforming-cities)

2024 Liu, W. (2024). *“Texaformia,” soon to be a reality, needs more mixed-use*. Access: [www.cnu.org/publicsquare/2024/07/15/texasformia-soon-be-reality-needs-more-mixed-use](http://www.cnu.org/publicsquare/2024/07/15/texasformia-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](http://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.
- 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 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*, co-adviser with Charles Warnken, 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, Tableau, Power BI, L<sup>A</sup>T<sub>E</sub>X

#### **Statistics**

SPSS, GraphPad Prism, NVivo

#### **Languages**

Bilingual in English and Chinese