

Justin Kollar, PhD, AICP

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Education

2020–2025 **PhD in Urban and Regional Planning**, Massachusetts Institute of Technology
Fellow, Leventhal Center for Advanced Urbanism (LCAU)

Dissertation: "Silicon Frontier: Techno-statecraft and the Geopolitical Ecology of Digital Capitalism in the Pacific Basin." Committee: Andres Sevtsuk, Larry Vale, Jinn-yuh Hsu

*Awarded Gill-Chin Lim Award for the Best Dissertation on International Planning, ACSP, 2025

2013–2017 **Master in Architecture (MArch) I AP, Master in Urban Planning (MUP)**, Graduate School of Design, Harvard University
Concentration in History and Theory

2008–2012 **Bachelor of Science (BS) in Architecture**, University of Michigan Taubman College of Architecture and Planning

Academic and Professional Positions

2026– **Department of Architecture, National University of Singapore**, Singapore
Assistant Professor

2025 **College of Environmental Design, University of California, Berkeley**, CA
Summer Institute InCity Studio Lead

2018–2021 **Boston Architectural College**, MA
Studio Instructor

2021 **GeoAdaptive**, Boston, MA
Doctoral Researcher

2017–2020 **Sasaki**, Boston, MA
Associate Planner and Urban Designer

Publications

* Indicates peer-reviewed, competitive, or externally reviewed items

Journal Articles

***Kollar, Justin.** "The Fossil-AI Nexus: Petrostate Capitalism, Computing Power, and the Production of Powered Land." *New Political Economy*, 2026.

***Kollar, Justin.** "Governing the Cloud: Infrastructural Statecraft and the Political Ecology of Digital Expansion in Oregon." *International Journal of Urban and Regional Research*, 2026.

***Kollar, Justin.** "Planning Under Preemption: State Power and Local Authority in the AI Data Center Era." *Journal of the American Planning Association* 92, no. 2, 2026: 326–332.

***Sevtsuk, Andres, Rounaq Basu, Liu Liu, Abdulaziz Alhassan, and Justin Kollar.** "Spatial Distribution of Foot Traffic in New York City and Applications for Urban Planning." *Nature Cities* 3, February 2026: 136–145.

***Kollar, Justin.** "Following the Fields, Feeding the Fabs: Territorial Restructuring and the Political-Industrial Ecology of High-Tech Taiwan." *Environment and Planning E: Nature and Space* 9, no. 2, 2025: 751–776.

***Kollar, Justin.** "Techno-Statecraft and Industrial Strategy: Semiconductor Development in Arizona." *Contemporary Social Science* 20, no. 2–3, 2025: 287–306.

***Kollar, Justin, and Andrew Stokols.** "Geopolitical Ecologies of Cloud Capitalism: Territorial Restructuring and the Making of National Computing Power in the U.S. and China." *Environment & Planning A: Economy and Space* 58, no. 1, 2025: 38–58.

***Stokols, Andrew, and Justin Kollar.** "Extended State Infrastructure Power in an Age of Networked Competition: The cases of Thailand and Taiwan." *Environment & Planning A: Economy and Space* 57, no. 1, 2025: 3–21.

***Sevtsuk, Andres, Justin Kollar, Daniel Pratama, Rounaq Basu, Jawad Haddad, Abdulaziz Alhassan, Bahij Chancey, Mohamad Halabi, Rawad Makhoul, and Maya Abou-Zeid.** "Pedestrian-Oriented Development in Beirut: A Framework for Estimating Urban Design Impacts on Pedestrian Flows through Modeling, Participatory Design, and Scenario Analysis." *Cities* 149, June, 2024: 104927.

***Kollar, Justin.** "Failure to Innovate: Urban Technocracy and the Making and Unmaking of Sidewalk Labs' smart city." *Projections* 16, 2022: 164–193.

Book Chapters

***Kollar, Justin, Thomas Nideroest and Mirwais Rahimi.** "Planning with Uncertainty: Situating planning practice in the landscape of Afghanistan's city-regions," in Shelagh McCartney, Samantha Solano, Sonja Vangjeli and Hannes Zander, eds. *Landscape Approach: From Local Communities to Territorial Systems*. Actar, 2022: 55–66.

***Raman, Thiyagarajan Adi, Justin Kollar and Scott Penman.** "Sasaki: Filling the design gap—Urban impressions with AI," in Imdat As, Prithwish Basu, eds. *Artificial Intelligence in Urban Planning and Design: Technologies, Implementation, and Impacts*. Elsevier, 2022: 339–362.

***Kollar, Justin.** "Cultivating (Post)colonialism: Architecture, Landscape, and the Politics of the Taiwan Sugar Corporation," in Daniel E. Coslett, ed. *Neocolonialism and Built Heritage: Echoes of Empire in Asia, Africa, the Middle East and Europe*. New York: Routledge, 2020: 236–256.

***Kollar, Justin.** "Democratizing Control Over the Landscape: A Genealogy of Taiwan's Infrastructural Bureaucracy," in Flavio Sciaraffia, Thomas Nideroest, Sourav Biswas and Hannes Zander, eds. *From the South: Global Perspectives on Landscape & Territory*. Santiago: Universidad del Desarrollo, 2019: 109–118. Includes Spanish translation.

Kollar, Justin, Leire Asensio, David Mah, Elizabeth Wu, Han Yang, and Xinhui Li. "Life-Styled China-Town Studio Themes," in David Mah, Leire Asensio Villoria, eds. *Life-styled: Health and Places*. JOVIS, 2016.

Editorials

*Sevtsuk, Andres, and **Justin Kollar**. "Rez de Ville: The Urban Ground Floor as a Project for City Design." *Built Environment* 51, no. 2, 2025.

Manuscripts in Development/Under Review

***Kollar, Justin**, and Silvia Danielak. "Planning Conflict in the Age of AI Infrastructure: Governing Data Center Growth in the United States."

*Stokols, Andrew and **Justin Kollar**. "Silicon Hinterlands: Platform Urbanization in Arizona and Northwest China."

***Kollar, Justin**, and Laura Schmahmann. "Fossil AI and the Infrastructure of State Capitalism in Texas."

***Kollar, Justin**. "From Coal to Cloud: Extractive Sovereignty and the Governance of Fossil AI in Appalachia."

Professional Public Reports (Selected)

**Reconciliation, Reconstruction, Resilience: The Goals and Mechanisms for a Spatial Planning Framework in Afghanistan*. White Paper. Afghanistan, 2020.

Lead Author, with Dr. Bish Sanyal (Key Advisor), Takafumi Inoue and Wendell Joseph. Completed while at Sasaki for the Government of the Islamic Republic of Afghanistan, Ministry of Urban Development and Land supported by the World Bank Urban Development Support Program.

**Mid-south Regional Resilience Master Plan*. Public Document. Shelby County, TN, USA, 2019.

Co-author/Contributor, Analysis, Planning and Research with Sasaki for the Shelby County Resilience Council.

**Kabul Urban Design Framework*. Public Document. Kabul, Afghanistan, 2019.

Co-author/Contributor, Planning and Implementation Research with Sasaki for the Government of the Islamic Republic of Afghanistan.

Public Writing and Other Published Work (Selected)

(Includes work published on *Techno-Statecraft*, a Substack newsletter with over 1,600 subscribers; selected articles have reached ~10,000 readers.)

***Kollar, Justin**. "The New Power Brokers: Big Tech, State Lawmakers, and the Grid." *100 Days in Appalachia*, August 7, 2025.

Kollar, Justin. "Don't Be Fooled—The AI Bubble Is the Strategy." *Techno-Statecraft*. August 7, 2025.

Kollar, Justin. "The New Infrastructural Order: Looking at How Digital Industries are Rewiring Land, Power, and Resources." *Techno-Statecraft*, February 11, 2025.

***Kollar, Justin**, Niko McGlashan, and Sarah Williams. "Creating Action with Data Using Data to Increase Equity in Urban Development," in *Bringing Digitalization Home Symposium*, Joint Center for Housing Studies of Harvard University, September 2023.

***Kollar, Justin**. "Territorial planning in an era of global uncertainty: Geo-politics, techno-industrial development, and climate change in Taiwan." Working Paper for the Ministry of Foreign Affairs (Taiwan, R.O.C.), Taiwan Fellowship, March 2023.

***Kollar, Justin**, Thomas Nideroest, Sourav Biswas. "The Gap Between Aspiration and Reality: How Designers and Planners See Their Role in Addressing Climate Change," *World Landscape Architect*, May 19, 2022.

Kollar, Justin, Thomas Nideroest, Sourav Biswas. "Design Climate Survey - Final Report: The Gap between Professional Aspirations and the Reality of Work in addressing Climate Change," *International Landscape Collaborative*, April 6, 2022.

*Keillor, Gretchen and **Justin Kollar**. "Townology: A Personality Profile for Small Town Types." Winter 2020 edition of *Small Town and Rural Planning*, Small Town and Rural Planning Division of the American Planning Association (APA), 2020.

Conferences and Workshops

Kollar, Justin and Laura Schmahmann. "The Territorial Politics of Compute: AI Infrastructure and the Reorganization of Energy and Land in Texas." Paper presented at the *American Association of Geographers (AAG) Annual Conference*, San Francisco, MI, March 2026.

Stokols, Andrew, and **Justin Kollar**. "Platform Urbanization and Silicon Hinterlands: Phoenix and Zhangjiakou." Paper presented at the *American Association of Geographers (AAG) Annual Conference*, San Francisco, MI, March 2026.

Kollar, Justin. "Rescaling the Silicon Frontier: Territory, Compute, and Taiwan's Chip Buildout in Metropolitan Phoenix." Paper presented at the *Second Cold War Cities Conference*, Manchester University, U.K., March 2026.

Kollar, Justin. "Following the Fields, Feeding the Fabs: Uneven Ecologies of High-Tech Development in Taiwan" Paper presented at the *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Minneapolis, MN, October 2025.

Kollar, Justin. "Regional Planning and the Resource Frontiers of Cloud Capital in Oregon's 'Silicon Forest'" Paper presented at the *International Conference on Urban Affairs (ICUA)*, Vancouver, BC, Canada, April 2025.

Kollar, Justin. "The Geopolitical Ecology of Cloud Capitalism in the U.S. and China" Paper presented at the *American Association of Geographers (AAG) Annual Conference*, Detroit, MI, March 2025.

Kollar, Justin. "The Resource Frontiers of Cloud Capital in Oregon's 'Silicon Forest'" Paper presented at the *Graduate Research in STS (GRISTS) Conference*, Harvard Kennedy School, November 21-23, 2024.

Kollar, Justin. "Towards a Geopolitical Ecology of Semiconductor Production: Land and Resource Dynamics in the U.S. and Taiwan." Paper presented at the *American Association of Geographers (AAG) Annual Conference*, Honolulu, HI, April 2024.

Kollar, Justin. "Territory and Function: Planning Reform and the Ecological Security of the Semiconductor Industry in Taiwan." Paper presented at the *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Chicago, IL, October 19-21, 2023.

Kollar, Justin and Andrew Stokols. "Endless frontier? State power, territorial security, and digital innovation in an age of geopolitical competition." Paper presented at the *10th East Asian Regional Conference in Alternative Geography, New Geo-politics in East Asia*, National Taiwan University, December 9-12, 2022. With Andrew Stokols. **Best Paper Award.**

Kollar, Justin. "Making of the 'Homeland': Territorial planning, ecological (in)security, and the politics of high-tech supply chain restructuring in Taiwan." Paper presented at the *Graduate Research in STS (GRISTS) Conference*, Harvard Kennedy School, October 13-15, 2022.

Kollar, Justin. "Varied Geographies of Flood Risk: Multi-scalar Analysis of Socio-Economic Vulnerability to Flooding Across the Contiguous United States." Paper presented at the *UCLA Climate Adaptation Research Symposium*, September 8-9, 2021.

Kollar, Justin and Kai Ying Lau. "Strategic Development Frameworks for Five Provincial Capital Cities in Afghanistan: Rapid Landscape Assessments and Probabilistic Urban Expansion Scenario Modeling." Paper presented at the *12th Annual Geodesign Summit 'Resilient by Geodesign,'* February 9-10, 2021.

Refereed in Journals

Journal of American Planning Association, Environment and Planning E: Economy and Space, Urban Planning, Buildings and Cities, Review of International Political Economy, Geoforum, Ai and Society, Urban Design International, Land Use Policy, International Journal of Urban and Rural Research

Invited Lectures and Presentations

- 2026 **Planning and Data Center Growth: Land, Infrastructure, and Policy in the United States.** Behind the Cloud Ohio APA Webinar, April (virtual).
- 2025 **Rescaling the Silicon Frontier: Climate, Territory, and the Global Chip Buildout.** Sciences Po (Paris, France), Center for Internet and Society (CIS, CNRS), October (virtual).
- 2025 **How AI data centers and fabs are reshaping land, water, and power in Arizona (and beyond).** University of California, Berkeley Energy and Resources Group Colloquium Series, October.
- 2025 **High-tech Industrial Policy and Cloud Capital.** For END 422/URP 522 Economic Development Planning at SUNY Buffalo, taught by Dr. Xuanyi Nie, Fall (virtual).
- 2024 **Geo-politics of high-tech industrial ecologies.** For Urban Ecologies and Technologies at Northeastern University, taught by Dr. Lizzie Yarina, Fall.
- 2024 **Space and the Political Economy of Semiconductors.** For END 422/URP 522 Economic Development Planning at SUNY Buffalo, taught by Dr. Xuanyi Nie, Fall and Spring (virtual).
- 2020 **Strategic Planning.** For the Ministry of Urban Development and Land (MUDL), Kabul, Afghanistan, February (Virtual).

Awards and Honors

- 2025 **Gill-Chin Lim Award for the Best Dissertation on International Planning**, Association of Collegiate Schools of Planning (ACSP), Global Planning Educators Interest Group (GPEIG) For the dissertation "Silicon Frontier: Techno-statecraft and the Geopolitical Ecology of Digital Capitalism in the Pacific Basin."
- 2022 **Best Paper Award**, Taipei, Taiwan (R.O.C.)
For the paper "Endless frontier? State power, territorial security, and digital innovation in an age of geopolitical competition" presented at the 10th East Asian Regional Conference in Alternative Geography in National Taiwan University, Taipei, Taiwan (R.O.C.), December 9-12.
- 2020–2025 **Advanced Urbanism Fellow at MIT**, Cambridge, MA
Fellowship of the Leventhal Center for Advanced Urbanism for PhD study in the Department of Urban Studies and Planning

- 2013 **Dean's Scholarship, M. Arch I AP Program, Harvard University**, Cambridge, MA
- 2013 **Huayu Enrichment Scholarship, Ministry of Foreign Affairs**, Taipei, Taiwan (R.O.C.)
National Taiwan University, Summer 2013 Studies in Huayu (Mandarin Chinese)
- 2012 **Leonard B. Willeke Portfolio Award Winner, University of Michigan**, Ann Arbor, MI
Annual Portfolio Competition (1 of 3 Winners)
- 2012 **Alumni Board Honor Award Winner, University of Michigan**, Ann Arbor, MI
Annual Undergraduate Design Excellence Award (1 of 3 Awarded)
- 2011–2012 **University Honors, University of Michigan**, Ann Arbor, MI

Research Interests

- ♦ **Design, Ecology, and Infrastructure**—How design mediates environmental change and large technical systems to produce sustainable socio-ecological futures and actionable territorial strategies.
- ♦ **Resilience Planning and Governance**—Frameworks for adaptive planning, risk management, and infrastructural transitions under climate stress, linking institutional design to spatial outcomes.
- ♦ **Industrial and Urban Morphology**—Historical-geographical analysis of industrial and digital infrastructures to inform contemporary design interventions and territorial reorganization.

Research

- 2020–25 **City Form Lab**, Massachusetts Institute of Technology, Cambridge, MA
Research Assistant
- Applied Urban Network Analysis toolkit to model pedestrian mobility and assess urban design for walkability. Led stakeholder workshops, managed research teams, and authored grant applications and research papers for publication. Selected work includes:
- ♦ “Community Streets: Reconsidering Street Design and Non-motorized Mobility in Beirut,” 2022-2023. Supported by grants from MIT Leventhal Center for Advanced Urbanism and Dar al-Handasah. Paper published in *Cities* 149, June, 2024.
 - ♦ Created EdX course “Introduction to Pedestrian Mobility in Cities” with Prof. Andres Sevtsuk and Rounaq Basu, 2023–2024.
 - ♦ Organized the international conference “Rez de Ville / Urban Ground Floor” at MIT with Prof. Andres Sevtsuk, September 21–22, 2023.
- 2021 **GeoAdaptive**, Boston, MA
Urban Planning and Governance Research Fellow
- Research for the Government of Nepal funded by the World Bank on decentralized urban governance, disaster risk response and reduction, municipal capacity building, risk-sensitive land-use planning, multiple hazards resilience, and municipal finance for COVID-19 recovery.
- 2019–2020 **Sasaki/Sasaki Foundation**, Watertown, MA
Urban Planning/GIS Analysis Researcher and Advisor
- ♦ “Design Climate Survey,” 2020. Findings published in *World Landscape Architect*, May 19, 2022.

- ♦ “Automated Classification of Land Typologies,” 2020. Findings published in Imdat As, Prithwish Basu, eds. *Artificial Intelligence in Urban Planning and Design: Technologies, Implementation, and Impacts*. Elsevier, 2022.
 - ♦ “Townology,” 2019. Findings published in *Small Town and Rural Planning*, Winter 2020.
 - ♦ Advised Sasaki Foundation grantees to advance research on resilience and equity, including the projects “From Energy Security to Energy Shift,” focused on implementing energy upgrades in Boston, and “Eastie for Eastie,” aimed at improving flood mitigation in underserved East Boston neighborhoods.
- 2016 **Health and Places Initiative**, Harvard University, Cambridge, MA
Researcher
- 2012 **Project Management Course Development**, University of Michigan Taubman College of Architecture, Ann Arbor, MI
Research Assistant

Research Funding

- 2023 **MISTI Grant**. Dissertation Research Travel Grant in Taiwan (ROC) Host: Professor Jinn-yuh Hsu, National Taiwan University. *Massachusetts Institute of Technology*. US\$7,500.
- 2023 **Lloyd and Nadine Rodwin Fund**. Travel Grant for Science Park Development in Vietnam. *Massachusetts Institute of Technology*. US\$1,500.
- 2022 **Taiwan Fellowship**. Project: “Territorial Planning in an Era of Global Uncertainty.” Host: Professor Jinn-yuh Hsu, National Taiwan University. *Ministry of Foreign Affairs, Taiwan (ROC)*. NT\$200,000 (US\$6,000).
- 2020 **Sasaki Internal Research Grant**. Project: “Automated Classification of Land Typologies.” Collaborators: Thiyagarajan Adi Raman and Sourav Biswas. US\$4,000.
- 2019 **Sasaki Internal Research Grant**. Project: “Townology.” Collaborators: Gretchen Keillor, Kai Ying Lau, Victoria Fischer, Patrick Murray. US\$4,000.
- 2016 **Fairbank Center Travel Research Grant**. Project: “Landscape: Colonization/Cultivation, Collective Memory and the Politics of the Taiwan Sugar Corporation.” *Harvard University*. US\$2,000.
- 2016 **Penny White Research Fund Award**. Project: “Landscape: Colonization/Cultivation, Collective Memory and the Politics of the Taiwan Sugar Corporation.” *Harvard University*. US\$4,000.

Professional and Affiliated Organizations

- 2022– Association of Collegiate Schools of Planning (ACSP)
- 2022– American Association of Geographers (AAG)
- 2020– American Institute of Certified Planners (AICP), Certified Member
- 2019– American Planning Association (APA)
- 2018– International Landscape Collaborative (ILC)

Architecture and Planning Competition Awards

- 2021 **Singapore Institute of Planners, Excellence in Planning >5,000 ha (Silver)**
Project: "Highly Interactive and Innovative Districts, Ho Chi Minh City," Vietnam; with Sasaki and EnCity
- 2021 **Boston Society of Landscape Architecture (BSLA) Excellence in Planning Award**
Project: "Strategic Development Frameworks for Five Provincial Capital Cities," Afghanistan; with Sasaki
- 2020 **Finalist in the Best World Changing Idea APAC Fast Company**
Project: "Ho Chi Minh City Innovation District," Vietnam; with Sasaki
- 2020 **National AIA Award in Regional and Urban Design**
Project: "Kabul Urban Design Framework," Kabul, Afghanistan; with Sasaki
- 2019 **HCMC Innovation District Competition Winner**, Vietnam
with Sasaki
- 2019 **Boston Society of Landscape Architecture (BSLA) Merit Award for Design**
Project: "Kabul Urban Design Framework," Kabul, Afghanistan; with Sasaki
- 2019 **Chengdu Tianfu Olympic Sports City Competition Winner**, China
with Sasaki
- 2016 **HUD Innovation in Affordable Housing Competition Finalist**, Washington D.C.
For an affordable housing site in Santa Barbara, CA; with Omar Carillo, Miriam Keller, + Alison Stein (team was 1 of 4 finalists nationwide)
- 2016 **Turtle Mountain Prototype Design Competition Winner**, ND, USA
For an affordable housing site in Turtle Mountain, ND; with Christopher Reznich
- 2015 **Performa Hub Competition, Biennial Performa 15 Finalist**, New York, NY, USA
Architecture Competition; with Nahyun Hwang + David Eugin Moon (NHDM Architecture + Urbanism)
- 2015 **Harvard GSD Loeb Library Design Competition Winner**, Cambridge, MA, USA
- 2013 **Flint Public Art Project Winning Entry**, MI
Project: "Perimeters" ("Chevy-in-the-Hole"), Flint, MI; with Nahyun Hwang + David Moon (NHDM Architecture + Urbanism)

Design and Planning Practice

Planning and Built Work (Selected)

- 2019–2020 **Strategic Development Frameworks for Five Provincial Capital Cities**, Afghanistan. At Sasaki.
Consulted for the Government of Afghanistan, developing national and city-level frameworks funded by the World Bank, focusing on institution-building, economic growth, and environmental planning. [\[link\]](#)
- 2019–2020 **Ho Chi Minh City Innovation District Framework**, Vietnam. At Sasaki.
Developed planning frameworks for three city districts, connecting innovation economy with

education, welfare, and resilience strategies resulting in establishment of a new innovation district. [\[link\]](#)

- 2018–2019 **Mid-South Regional Resilience Master Plan**, Shelby County, TN, USA. At Sasaki. Formulated regional resilience plans addressing environmental hazards and social vulnerabilities across the Mid-South region resulting in establishment of a regional resilience office. [\[link\]](#)
- 2018–2019 **District Four Urban Design Framework**, Ho Chi Minh City, Vietnam. At Sasaki. Designed a redevelopment framework for a port area, integrating flood mitigation, land readjustment, and development strategies to protect informal urban areas from flooding and destruction.
- 2017–2018 **Kabul Urban Design Framework**, Afghanistan. At Sasaki. Researched and developed implementation strategies for Kabul's urban design, serving as a pilot for future urban plans. [\[link\]](#)
- 2016 **JingMei Residence**. Taipei, Taiwan (R.O.C.). At Infinite Studio.

Exhibitions

- 2023 **Beirut Community Streets**. Showcased at the *18th International Architecture Exhibition at Venice Biennale*. With City Form Lab and American University of Beirut including video production by Joosep Volk. May–November.
- 2021 **NOW YOU BELONG HERE / SMALL ISLAND DISAPPEARING STATES**. Showcased in the *Korean Pavilion "Future School" curated by Hae-Won Shin at the 17th International Architecture Exhibition at Venice Biennale*. With Nahyun Hwang + David Eugin Moon (NHDM Architecture + Urbanism). May–November.
- 2019 **Interim Urbanism: Youth, Dwelling, City (New York) by NHDM Architecture + Urbanism**. *Seoul Biennale of Architecture and Urbanism*, South Korea. With Nahyun Hwang + David Eugin Moon (NHDM Architecture + Urbanism). September.
- 2017 **Flux NJP Play Room. Nam June Paik Art Center**. *Yongin, South Korea*. With Nahyun Hwang + David Eugin Moon (NHDM Architecture + Urbanism)
- 2017 **Open Ground**. Nam June Paik Art Center, *Yongin, South Korea*. With Nahyun Hwang + David Eugin Moon (NHDM Architecture + Urbanism)
- 2017 **Home for All (Shapes of Idealisms) in Souvenirs: New New York Icons**. *Storefront for Art and Architecture*. New York City, NY. With Nahyun Hwang, David Eugin Moon, Stephanie Hamilton, Stella Ioannidou, Justin Kollar, Eugene Murphy, Coco Ke Shi (NHDM Architecture + Urbanism). September–November 2017.
- 2013 **Blu Homes Manufactured Mutation: Models, Products, and Projects**. *Boston Architecture College Exhibition Space*, Boston, MA. With Karl Daubmann (Blu Homes). Apr.
- 2013 **NHDM/ Nahyun Hwang + David Eugin Moon**. *University of Michigan Museum of Art*, Ann Arbor, MI. With Nahyun Hwang + David Moon (NHDM Architecture + Urbanism) July–November.
- 2012 **Stereonegative**. *Delectricity Festival, Detroit Institute of Art*, Detroit, MI. With Tsz Yan Ng + Helena Kang. October.

Teaching and Mentoring

University of California, Berkeley, Department of Environmental Design

2025 **InCity Summer Institute (Planning and Urban Design) Studio.** Lead Instructor

Massachusetts Institute of Technology, Department of Urban Studies and Planning

2023 **Introduction to Urban Design and Development.** Teaching Fellow (Instructor: Andres Sevtsuk)

2022 **Introduction to Urban Design and Development.** Teaching Fellow (Instructor: Lawrence Vale)

2021 **Modeling Pedestrian Activity in Cities.** Teaching Fellow (Instructor: Andres Sevtsuk)

Boston Architectural College

2019–2021 **Graduate Architecture “Site” Studio.** Studio Instructor

“Living in Common: South Boston Bypass” (with Thomas Nideroest)

“Living in Common: Reimagine Shirley Ave” (with Thomas Nideroest)

“Commonalities: Defining the Commons as a Collective Architectural Project” (with Wendy Wang)

“Angst: Climatic Responses to the Human Condition” (with Elaine Stokes)

“Kinetic Architectures: Retrofitting the Landscape Along the Mississippi River” (with Elaine Stokes)

2018–2019 **Undergraduate/Graduate Architecture “Site” Studio.** Studio Instructor

“House, Home[land], and Climate [In]security” (with Seok Min Yeo)

“Uncertain Futures in Little America: Architectural Explorations in a Post-conflict Developmental State” (with Seok Min Yeo)

Harvard Graduate School of Design

2018–2019 **Harvard Advanced Management Development Program in Real Estate.** Mentor

2015–2017 **Professional Practice and Ethics in Architecture.** Teaching Fellow. (Instructors: Jay Wickersham, Maryanne Thompson)

2016 **Architecture Studio Core III.** Teaching Assistant (Instructor: Maryanne Thompson)

2016 **Digital Media Workshop.** Instructor

2014 **Architectural Representation at Career Discovery.** Studio Instructor

Sasaki Foundation

2019 **SEED Program (high-school teaching-internship program).** Mentor
With funding from American Student Assistance (ASA)

Invited Critic

2026 University of California, Berkeley, Graduate Environmental Planning Architecture Studio

2025 University of California, Berkeley, Undergraduate Architecture Studio

2024	Massachusetts Institute of Technology, Contemporary Urbanism Proseminar
2024	Northeastern University, Graduate Architecture Studio
2022	Massachusetts Institute of Technology, SMarchs Thesis
2022	Boston Architectural College, Graduate Architecture Studio
2020	University of Illinois at Chicago, Undergraduate Architecture Studio
2019	Boston Architectural College, Graduate Architecture Studio
2018	Boston Architectural College, Graduate Architecture Studio
2018	Rhode Island School of Design, Graduate/Undergraduate Architectural Representation
2017	Wentworth Institute of Technology, Undergraduate Architecture Studio

Languages

- ♦ **English:** Fluent
- ♦ **Chinese Mandarin:** Advanced Reading and Speaking

Skills

- ♦ **Project Management:** Expertise in managing projects from concept to completion, including workshop facilitation and delivering professional presentations.
- ♦ **GIS Analysis and Data Visualization:** Proficient in ArcGIS Pro, QGIS, and Python for spatial analysis, data management, and visual storytelling.
- ♦ **Statistical Analysis:** Advanced Excel and R skills for statistical modeling and data analysis.
- ♦ **Graphic Design:** Expert in Adobe Creative Suite for visual design, representation, and communication.
- ♦ **CAD Software:** Expert in Rhino 3D and AutoCAD for computer-aided design and modeling.