CURRICULUM VITATE
WEIMIN LI, PH.D., ASLA

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BIOGRAPHY

Dr. Weimin Li is a Professor and Graduate Coordinator in the Department of Landscape Architecture at California State Polytechnic University, Pomona. She serves as an Education Committee Member for the Landscape Architectural Accreditation Board (LAAB) (2020-2026), its secretary (2023-2024), and is the current national Chair-elect (2025-2026). Her research and scholarly activities focus on systemic landscape planning and design, geospatial science and technologies, and environmental sustainability. She has conducted extensive research and practice in multi-scale ecological design and planning, geodesign, and big data applications for complex decision-making to support sustainable and climate-resilient communities, environment-behavior studies, community engagement, and environmental justice. She has led or participated in many research and applied projects in California and other regions, benefiting underserved urban, suburban, and agricultural communities with funding from federal, state, regional, and local agencies. The projects she has led, participated in, or supervised have won national awards from organizations such as the American Society of Landscape Architects (ASLA), the U.S. Environmental Protection Agency (EPA), and the Council of Landscape Architectural Registration Boards (CLARB). Dr. Li has been a well-established scholar in landscape architecture and aligned academic fields and has made significant contributions to Cal Poly Pomona, the College of Environmental Design, and the Department of Landscape Architecture with notable national and international impacts.

EDUCATION

Ph.D., Landscape Architecture & Environmental Planning (Concentrated in the application of Geographic Information Sciences), University of California, Berkeley, USA, 2008

M.S., Physical Geography, Sun Yat-Sen University, Guangzhou, P. R. China, 2001 (with distinction)

B.S., Environment and Resource Planning (Major), **Computer Science (Minor)**, Sun Yat-Sen University, Guangzhou, P. R. China, 1998 (with distinction)

UNIVERSITY EMPLOYMENT

Academic Positions:

Professor, Department of Landscape Architecture, College of Environmental Design, California State Polytechnic University at Pomona, 2019 – Present

Associate Professor (Tenured), Department of Landscape Architecture, College of Environmental Design, California State Polytechnic University at Pomona, 2014-2019

Assistant Professor (Tenure Track), Department of Landscape Architecture, College of Environmental Design, California State Polytechnic University at Pomona, 2008-2014

Graduate Teaching Instructor and Researcher, Department of Landscape Architecture and Environmental Planning, Department of Geography, Department of Architecture, School of Engineering, and the Center of Geographic Information Sciences (CGIS), University of California, Berkeley, 2002-2008

ADMINISTRATIVE AND SERVICE POSITIONS:

Graduate Coordinator, Master of Landscape Architecture (MLA), Department of Landscape Architecture, California State Polytechnic University at Pomona, Jan. 2016 – Present

Chair, Landscape Architectural Accreditation Board (LAAB), American Society of Landscape Architecture, United States (July 2025 – December 2026).

Faculty Learning Community on Academic Leadership Fellow, California State Polytechnic University at Pomona, 2019-2020

SELECTED SCHOLARLY PUBLICATIONS

Published Work:

- **Li, W.** & Milburn, L-A. (In Progress). Is big data serving those most in need? Data issues involved in ethical geodesign for equitable and sustainable communities in the era of the urban digital twin.

- Cancian, S., **Li, W.**, & Milburn, L-A. (In Progress). Local Data Collection in Disadvantaged Communities Through Meaningful Public Involvement.

- Luo, T., & **Li, W.** (2022). 憩行之变•低碳之机 [*Evolving Trends of Recreation and Travel in Urban Green Space amid Climate Crisis*]. Tongji University Press. Shanghai, China.

- **Li, W.**, Winter, P. L., Milburn, L.-A. S., & Padgett, P.E. (2021). A dual-method approach toward measuring the built environment – Sampling optimization, validity, and efficiency of using GIS and virtual auditing. *Health and Place*, 67. 102482. https://doi.org/10.1016/j.healthplace.2020.102482

- Padgett, P. E., Winter, P. L., Milburn, L.-A. S., & **Li, W**. (2021). *Measuring individual ozone exposure in Los Angeles urban parks*. Gen. Tech. Rep. PSW-GTR-274. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 61 p. https://www.fs.usda.gov/treesearch/pubs/63450

- **Li, W.**, etc. 2021. Landscape Architecture Major Issue (LAMI) Index and Assessment System, LA6111L Studio, Department of Landscape Architecture, California State Polytechnic University at Pomona.

- **Li, W.**, Kaihara Arce, P.K., Chang, A. S., Henry, J.D., Kites, K., Konieczny, C.M., Jeries, L. McKenna, L.M., Reynolds, M. R., Ruby, M., Schier, D., Skinner, L.A., Slabaugh, D., Steward, C., & Weathers, C. (2020). Redefining central Los Angeles, United States – Climate change impact assessment of urban design scenarios in downtown Los Angeles, in Thomas Fisher, Brian Orland, & Carl Steinitz (Eds.), *The International Geodesign Collaboration, Changing Geography by Design* (pp.78-79). ESRI Press.

- **Li, W.**, Perisho, J., Tsong, J, & Gonzalez, J. (2019). Detailed street space measurement data for the gateway cities and rivers urban greening master planning [Data set]. Watershed Conservation Authority, Azusa, CA.

- Winter, P.L., Padgett, P.E., Milburn, L.-A., & **Li, W.** (2019). Neighborhood parks and recreationists' exposure to ozone: A comparison of disadvantaged and affluent Communities in Los Angeles, California. *Environmental Management*, 63 (3). 379-395. https://link.springer.com/article/10.1007/s00267-019-01140-3

- Milburn, L.-A., **Li, W.,** Hanna-Towne, K., Deets, D., Barrett, M.P., Klein, K., Marashi, R., Russell, M., Chang, F.Y., Harnish, J. Rowan, E., & Vail, T. (2017). *Rendering Los Angeles Green: Greenways to Rivers Arterial Stormwater System (GRASS)*. 606 Studio, California State Polytechnic University,

Pomona & the City of Los Angeles, Bureau of Sanitation, Watershed Protection Division (client). Award: American Society of Landscape Architects (ASLA) Honor Award for Research.

- Luo, T., & Li, W. (2017). The disparity between proximity-based park accessibility standards and stratified users' access and willingness-of-walking-to-parks – findings from Los Angeles. [unpublished manuscript]. Department of Landscape Architecture. California State Polytechnic University at Pomona.

- Luo, T., & Li, W. (2017). Motorization and the choice of walking-to-park - disparity of travel to parks between car culture and walking culture. [unpublished manuscript]. Department of Landscape Architecture. California State Polytechnic University at Pomona.

- Li, W., & Milburn, L.-A. (2016). The evolvement of geodesign as a design and planning tool. *Landscape and Urban Planning*, 156, 5-8. https://doi.org/10.1016/j.landurbplan.2016.09.009

- Li, W. (2016). Complex landscape, simplified representation – Integrating data-driven and idea-driven technologies for landscape representation, in Nadia Amoroso (Ed), *Representing Landscapes – Hybrid* (pp.292-302), Routledge.

- Li, W., & Radke, J. (2012). Geospatial data integration and modeling for the investigation of urban neighborhood crime. *Annals of GIS*, 18(3), 185-205. https://doi.org/10.1080/19475683.2012.691903

- Li, W., Radke, J, Liu, D., & Gong, P. (2012). Measuring detailed urban vegetation with multisource high-resolution remote sensing imagery for environmental design and planning. *Environment and Planning B: Urban Analytics and City Science*, 39(3), 566-585. DOI:10.1068/b37135

- Luo, T., Li, W., & Hanna, K. (2011). Density changes and their impact on sustainable recreational travel to parks in large Chinese cities: shanghai Case. *Applied Mechanics and Materials – Architecture and Building Materials*. 99-100, 1121-1127.

- Li, W. (2008). *The Social Impact of Green – Evaluation of the Impacts of Urban Vegetation on Neighborhood Crime* (Publication No. 3353439) [Doctoral dissertation, University of California, Berkeley]. ProQuest Dissertations Publishing.

- Li, W. (2007). Cartography, GIS, and graphic design, in Berger, J., & Thomas, T. (Eds), *Canoe Atlas of the Little North,* Boston Mills Press, Erin, Ontario, Canada.

- Li, W. (2000). A comparison of society-resource-environment-development (SRED) system of the east and the west Pearl River Delta. *Ecological Economy* 8, 15-19.

- Li, W. (2000). A discussion on sustainable development of the regional economy. *Ecological Economy* (ISBN 1006-4370), 5, 27-30.

- Li, W. (1999). An analysis of the impacts of changing corridors on the urban ecosystem. *Geography and Territorial Research* (ISSN1001-8107)*,* 15(4), 76-81.

- Li, W. (1999). A preliminary analysis of the Population-Resource-Environment-Development (PRED) system of Jiangmen city, Guangdong Province. *Economic Geography* (ISSN1001-8642)*, 19,* 76-82.

- Li, W. (1999). Environmental protection of fruit jungles in Haizhu District, City of Guangzhou. *Resource Development & Market* (ISSN1001-8141), 15(6) 362-363.

- Li, W. (1999). The urban ecological functions of the Haizhu fruit jungle in Guangzhou, China. *Development of Research Network for Natural Resources, Environment and Ecology* 10(3), 32-36

- Li, W. (1999). Landscape design as a marketing strategy for real estate development in Guangzhou

City. *South China Real Estate,* December, 51-52.

- **Li, W.** (1999). An analysis of pricing strategies of real estate sales. *China Real Estate*, November 13-14.

CONFERENCE PAPERS & INVITED PRESENTATIONS

- Li, W. (2025). Enhancing Climate Justice and Resilience through Academic, Agency, and Community Collaboration: Cases from California. CP4190. Georgia Institute of Technology.

- Li, W. (2024). Evolving Focuses of Landscape Architecture Curricula: The MLA Program at Cal Poly Pomona amid Societal Changes. The 13th Chinese Landscape Architecture Education Conference (第十三届中国风景园林教育大会). Hangzhou, China. Invited Talk.

- Schreiber, Stephen, Roxi Thoren, Portillo, Margaret, **Li, Weimin**, Wu, Weiping. (2024). Accreditation in the Built Environment Fields: Panel Discussion with Leaders from NAAB, LAAB, PAB, and CIDA. EDRA Conference, Portland, OR.

- Li, W. (2024 March & October). Fighting Climate Injustice through Academic, Agency, and Community Collaboration: Cases from California. CP4190. Georgia Institute of Technology.

- Li, W. & Milburn, L.-A. (2024). Ethical Geodesign for Equitable and Sustainable Landscape Design and Planning in the Urban Digital Twin Era. Council of Educators in Landscape Architecture (CELA) Annual Conference, St. Louis, MI.

- Li, W. (2023). Geodesign for Equitable and Sustainable Communities. Bridges to the Future – GIS Day. California State Polytechnic University at Pomona. November 2023.

- **Li, W.** (2023). *Big data for wildlife connectivity planning and design in urban areas – integrating multi-source high-resolution remote sensing data and citizen science input* [abstract submitted]. The 6th International EcoSummit Building a Sustainable and Desirable Future, Adapting to a Changing Land and Seascape. 13-17 June 2023. Gold Coast, Australia.

- **Li, W.,** Perisho, J., Tsong, J, & Gonzalez, J. (2023). *Bridging the landscape from human to regional Scale - Measuring the built environment on the human scale with multi-source remote sensing data for systematic landscape design and planning* [abstract accepted]. Council of Educators in Landscape Architecture (CELA) Annual Conference, San Antonio, TX, United States.

- Moritz, M. (speaker), Kochanowski, G. (speaker), & **Li, W.** (Moderator). (2021). *Landscape Architecture and the Science of Climate Change: Wildfire* [Invited Talk]. 2021-2022 CPPLA Public Lecture Series (Virtual). California State Polytechnic University, Pomona, CA, United States. https://www.cpp.edu/env/landscape-architecture/news-events/public-lecture-pages/2021-11-05-climate-change-wildfire.shtml

- **Li, W.** (2019). *The Landscape of Disadvantaged Communities (DACs)* [Invited presentation]. Water Resources and Policy Initiatives (WRPI) Project Conference (Virtual), Water Resources Institute (WRI), California State University, San Bernardino, CA, United States.

- **Li, W.** (2019, February 23-25). *A Shift of Value – Redefining Downtown Los Angeles - Climate change impact assessment of urban design scenarios* [paper presentation]. The International Geodesign Collaboration (IGC) Conference, Redlands, CA, United States.

- Kite, K., Slabaugh, D.M., Cheng, A., Kaihara Arce, P.K., & **Li, W.** (2019, February). *Rooted Communities – Transforming Disadvantaged Communities in the Age of Climate Change* [poster presentation]. Annual Geospatial Summit, Los Angeles, CA, United States.

- Reynolds, M.R.N., Jeries, L., Henry, J., McKenna, L.M., & Li, W. (2019, February). *Rewilding the Green heart of Los Angeles in the Age of Climate Change* [poster presentation]. Annual Geospatial Summit, Los Angeles, CA, United States.

- Schier, D., Skinner, L.A., Weathers, C., & Li, W. (2019, February). Capturing the Coast – Reconstructing Coastal Community *in the Age of Climate Change* [poster presentation]. Annual Geospatial Summit, Los Angeles, CA, United States.

- Konieczny, C.M., Ruby, M.E., Cagulada, S.D., & Li, W. (2019, February). *A Shift in Value – Redefining Downtown Los Angeles in the Age of Climate Change* [poster presentation]. Annual Geospatial Summit, Los Angeles, CA, United States.

- Li, W. (2018). *Geospatial information in the Big Data Era and its collaboration within STEAM disciplines* [invited presentation]. Inter-disciplinary Thematic Scholarly Community, Office of Research, Innovation & Economic Development. California State Polytechnic University, Pomona, CA, United States.

- Li, W. (2018, March). *The disparity between park accessibility standards and stratified user's actual travel and willingness to walk to parks- Findings from Los Angeles* [paper presentation]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Blacksburg, VA, United States

- Winter, P.L., Padgett, P.E., Milburn, L.-A., Li, W. (2017, July 26). *Urban parks as the nexus for socioecological resilience* [paper presentation]. The USFS R & D Health and Nature workshop, Washington, DC, United States.

- Li, W. (2016, July). *Big data for the grand scheme of things in landscape architecture* [invited talk], The School of Architecture and Urban Planning, Tongji University, Shanghai, China.

- Li, W. (2016, July). *The evolvement of geodesign in landscape architecture* [invited talk]. The School of Architecture and Urban Planning, Tongji University, Shanghai, P.R. China.

- Winter, P.L., Milburn, L.-A., Li, W., &Padgett, P.E. (2016, October). *Urban community study reveals multiple layers of risk and resilience* [poster presentation]. The Why so Few? Women and Minorities in USFS Research Workshop, PNW and PSW Research Stations, Portland, OR, United States.

- Winter, P.L., Padgett, P.E., Milburn, L.-A., Li, W. (2016, August 4-7). *Urban park and neighborhood risk and resilience* [paper presentation]. The 124th annual convention of the American Psychological Association, Denver, CO, United States.

- Winter, P.L., Padgett, P., Milburn, L.-A., Li, W. (2016, April 21). *Neighborhood parks and resilience: A comparison of vulnerable and affluent areas in Los Angeles, California* [invited presentation]. The Forest Service's Climate Change Integration Team Webinar Series: Socio-economic Vulnerability/Adaptation Strategy to Climate Change (Virtual).

- Milburn, L.-A., Deets, D., Li, W., Harnish, J., Rowan, E., Chang, F., Vail, T. (2015, June 7-10). *Transportation corridors as flow corridors for resource management: Roads as "streams" and their role in the "Greenways to Rivers Arterial Stormwater System" (GRASS)* [invited presentation]. Transportation Research Board Waste Management & Resource Efficiency Workshop: Sustainability in a Time of Resource Scarcity, LA Metro. Los Angeles, CA, United States.

- Winter, P. L., Padgett, P. E., Milburn, L.-A., Li, W. (2015, April 8). *Understanding risk and exposure in an urban case study* [Paper presentation]: Social Vulnerability Webinar Series (virtual), USDA Forest Service.

- **Li, W.** (2015, March 24-28). *Inciting changes to geodesign education in landscape architecture – An ongoing case at Cal Poly Pomona* [paper presentation]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Manhattan, KS, United States.

- Newman, G., Perkl, R., **Li, W.**, & Smith, A. (2015, March 24-28). *Applications of Geodesign* [panel presentation and discussion]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Manhattan, KS, United States.

- Milburn, L.-A., **Li, W.**, Webb, E., Emery, S., Tucci, E., Hieu, N., Gonzalez, J., & Yuan, K. (2015, March 24-28). *ReImagining Garden Grove: Integrating Multiple Modes and Methods of Public Participation to Reach Diverse Audiences* [paper presentation]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Manhattan, KS, United States.

- **Li, W.,** Milburn, L.-A., Fagnan, A., Yang, Y., Perisho, J. and Montano, M. (2015, January 22-23). *Geodesign for sustainable landscape systems, integrating connectivity and suitability* [lightening presentation]. Geodesign Summit, Redlands, CA, United States.

- Winter, P.L., Padgett, P.E., Milburn, L.-A., **Li, W.** (2014, December 8-11). *Urban Park Use, incidental exposure to ozone, and the dimension of livability and well-being: Socioecological resilience in urban communities at risk* [poster presentation]. The Society for Risk Analysis Annual Meeting. Denver, CO, United States.

- Milburn, L.-A., Hanna-Towne, K., **Li, W.** (2014, March 26-30). *Bicycle greenways embedded with BMPs: Addressing park poverty, pollution, and aquifer recharge* [paper presentation]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Baltimore, MD, United States.

- **Li, W.** (2014, March). *Big data for the grand scheme of things in landscape architecture* [invited talk]. The School of Landscape Architecture and Planning, University of Arizona, Tucson, AZ, United States.

- **Li, W.** (2013, July). *3D landscape construction with high-resolution imageries and LiDAR Data* [paper presentation]. The ESRI International User Conference (Advanced Level Section), San Diego, CA, United States.

- **Li, W.** (2013, April). *Constructing 3D urban landscape with high-resolution remote sensing imageries and LiDAR data* [paper presentation]. *American Association of Geographers (AAG) Annual Conference*, Los Angeles, CA, United States.

- **Li, W.** (2012). *Constructing 3D urban landscape with high-resolution remote sensing imageries and LiDAR Data* [accepted abstract], The Digital Landscape Architecture Conference, Bernburg, Germany.

- **Li, W.** (2012, September 12). *Big data for the big scheme of things in landscape architecture* [invited talk]. Landscape Architecture and Environmental Planning Colloquium, University of California, Berkeley, CA, United States.

- **Li, W.** (2012, September 11) *Solving real-world problems with Geographic Information Sciences* [invited talk]. C188 Introduction to Geographic Information System, University of California, Berkeley, CA, United States.

- **LI, W.** (2012, June). *Geospatial data integration and modeling for investigating neighborhood crime* [paper presentation]. *Geoinformatics International Conference*, Hongkong, P.R. China.

- **Li, W.** (2012). *The role of pattern recognition in landscape architecture* [paper presentation]. Council of Educators in Landscape Architecture (CELA) Annual Conference, Urbana, IL, United States.

- **Li, W.,** & Radke, J. D. (2011, April). *A systematic investigation on urban vegetation and neighborhood*

crime [paper presentation]. Council of Educators of Landscape Architecture (CELA) Annual Conference, Los Angeles, CA, United States.

- **Li, W.** & Radke, J.D. (2011, April). *Automated recognition and classification of vegetation for data-rich urban models: A case Using affordable high-resolution imagery* [paper presentation]. Council of Educators of Landscape Architecture (CELA) Annual Conference, Los Angeles, CA, United States.

- **Li, W.** (2010, April). *Capitalizing the value of urban environmental amenities with geospatial information and technologies* [paper presentation]. American Association of Geographers (AAG) Annual Meeting, Washington D. C., United States.

- **Li, W.** (2009, March). *Integrating geospatial technologies for social and behavioral research* [paper presentation], American Association of Geographers (AAG) Annual Meeting, Las Vegas, NV, United States.

- **Li, W.** & Hue, I. (2009, March). *A geospatial approach for measuring neighborhood context* [paper presentation], American Association of Geographers (AAG) Annual Meeting, Las Vegas, Las Vegas, NV, United States.

- **Li, W.** (2009, May). *How does diversity affect neighborhood safety?* [paper presentation]. Environmental Design Research Association (EDRA) Conference, Kansas City, MO, United States.

- **Li, W.** (2007, May). *Urban vegetation and neighborhood crime: natural-social interplay with spatial technologies* [invited presentation]. Social Science in Place: GIS, Spatial Concepts and Applied Social Science Seminar, Survey Research Center, University of California, Berkeley, CA, United States.

- **Li, W.,** Radke, J.D., Liu, D., & Gong, P. (2007, April). *Object-based classification and height extraction of urban vegetation with multi-source high-resolution imagery* [paper presentation]. American Association of Geographers (AAG) Annual Meeting, San Francisco, CA, United States.

- **Li, W.** (2005). *Effects of urban vegetation on neighborhood crime – Ideas and thoughts*. Environmental Design Research Association (EDRA) Conference, Vancouver, BC, Canada

- **Li, W.** Radke, J.D., Lin, T. (2005). *Routing rivers, lakes, and portages* [poster presentation]. *GeoComputation Conference*, Ann Arbor, MI, United States.

- **Li, W.** (2005). *The generation of digital atlas of the Little North, Canada* [paper presentation], *GIS Day*, Bay Area Automated Mapping Association (BAAMA), Berkeley, CA, United States.

- **Li, W.** (2004). *From Spatial Data to GIS Data* [paper presentation], GIS, Culture, and Change in Canada's "Little North" Conference, Berkeley, CA, United States.

- **Li, W.** (1999, August). *Preliminary analysis on Population-Resource-Environment-Development (PRED) system of Jiangmen city, Guangdong Province* [paper presentation], 7th Young Geographer Academic conference, Chinese Academy of Geography, Chengde, P.R. China.

GRANTS, FUNDING, AND PROPOSALS ($2,500,000 Estimated)

Awarded as PI, Co-PI, Senior Data Scientist, or Faculty Advisor:

- **Li, W.** (2025). [Grant: $10,000]. Design for Resilience: A Park Benefits Study and Multi-Benefit Landscape Strategy for Griffith Park, Los Angeles, CA, Los Angeles Parks Foundation. California.

- Li, W. (2025). [$800]. Response to the LA Fires Course Integration Fund, College of Environmental Design. California State Polytechnic University at Pomona.

- Li, W. (2025). [Grant: $25,000]. Urban Watershed Analysis, Planning, and Water Capture Design for Communities Served by the Chino Groundwater Basin, Chino Basin Water Conservation District. California.

- Li, W. (2025). Faculty Professional Development Fund [granted: $750], College of Environmental Design, California State Polytechnic University at Pomona, CA, United States.

- Li, W. (2024). Re-imaging and Re-branding the MLA Culminating Experience with the Landscape by Evidence-informed Advanced Design (LEAD) Studio. [Granted: $25,000]. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE) 2024-2025, California State Polytechnic University, Pomona, CA, United States.

- Li, W. (2024). Faculty Professional Development Fund [granted: $1,200], College of Environmental Design, California State Polytechnic University at Pomona, CA, United States.

- Li, W. (2023). *University Teacher-Scholar program* [Funding: $6,750], the Provost's Office, California State Polytechnic University at Pomona, CA, United States.

- Connor J. Rudmann (Student Fellow) & Li, W. (Faculty advisor) (2023-2024). CSU Agricultural Research Institute's ARI-HIS Fellowship [$11,000], funded by the United States Department of Agriculture, National Institute of Food and Agriculture, United States

- Li, W. & Carlos Flores (2023). *Big Data (BD), Artificial Intelligence (AI), and Machine Learning (ML) Tools for Environmental Design Education* [Grant: $25,000]. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE) 2023-2024, California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal Investigator) (2023). Measuring Human-Scale Landscape Features in the Built Environment through Machine Learning (ML) with Google Street View Data [Grant: $10,000]. 2023 Research, Scholarship, and Creative Activity (RSCA) Faculty Mini-Grants, California State Polytechnic University at Pomona.

- Li, W. (2023). Faculty Professional Development Fund [Funding: $1,200], College of Environmental Design, California State Polytechnic University at Pomona, CA, United States.

- Li, W. (Principal Investigator). (2021-2022). *A HyFlex participatory design studio for faculty, student, and public Engagement* [Grant: $22,247]. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE), California State Polytechnic University, Pomona, CA, United States.

- Lehrman, B. (Principal Investigator), & Li, W. (Co-Principal Investigator) (2021-2022). *Google Street View tools for remote and in-person instruction* [Grant: $24,975]. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE), California State Polytechnic University, Pomona, CA, United States.

- Li, W. (CPP academic advisor), & Macy Dreizler (Student Intern) (2021-2022). *Internship program* [Funding: Hourly paid], Pacific Southwest Research Station. The United States Forest Service. Riverside, CA. United States.

- Li, W. (Principal Investigator) (2019-2020). *Disadvantaged community data project* [Grant:

$10,000]. The Greater Los Angeles County (GLAC) Disadvantage Community Involvement Program (DACIP), Water Resources and Policy Initiatives (WRPI), California State University, San Bernardino, CA, United States.

- Li, W. (Principal Investigator) (2018-2019). *Applied geospatial research on disadvantaged communities* [Grant: $10,000]. The Greater Los Angeles County (GLAC) Disadvantage Community Involvement Program (DACIP), Water Resources and Policy Initiatives (WRPI), California State University, San Bernardino, CA, United States.

- Milburn, L.-A. (Principal Investigator), Li, W. (Co-Principal Investigator), & Cancian, S. (Co-Principal Investigator) (2018-2019). *Connecting community and creek: Forester Creek recreation access plan* [Grant: $32,350]. San Diego River Park Foundation, San Diego, CA, United States.

- Li, W. (Principal Investigator) (2018-2019). *Unoccupied/Uninhabited Aerial Vehicle (UAV) plus sensor equipment for environmental design students* [Grant: $25,000]. The Special Projects for Improving the Classroom Experience (SPICE) Program, California State Polytechnic University, Pomona, CA, United States.

- Witherspoon, B. (Director), Delgado, J. (Co-director), Benitez, J. (Community Engagement), Millar, M. (Community Engagement), Li, W. (Research/GIS Data Scientist), Longley, K. (Technical Advisor), & Shabat, A. (Lead Engineer) (2016-2020). *Greater Los Angeles County (GLAC) Disadvantage Community Involvement Program (DACIP)* [Grant: $1,600,000] for the Water Resources and Policy Initiatives (WRPI), California State University at San Bernadino. The Greater Los Angeles County Integrated Regional Water Management (IRWM) Region, West Basin Municipal Water District, Los Angeles, CA, United States.

- Witherspoon, B. (Principal Investigator), & Li, W. (2017-2018). *California Energy Commission/Los Angeles cleantech incubator (CEC/LACI) GIS project* [Grant: $50,000]. Water Resources and Policy Initiatives (WRPI), California State University, San Bernardino, CA, United States.

- Li, W. (Principal investigator and faculty advisor), Skinner, L. (Student assistant), & Schier, D. (Student assistant) (2017-2019). *LA-Ventura DACIP intern program* [Funding: $10,000], the Water Resources and Policy Initiatives (WRPI), California State University, San Bernardino, CA, United States.

- Li, W. (Principal investigator and faculty advisor), & Plemel, C. (Student assistant) (2017-2018) *USDA internship program* [Funding: $3,500], the Water Resources and Policy Initiatives (WRPI), California State University, San Bernardino, CA, United States.

- Li, W. (Principal investigator and faculty advisor), & Devasta, J. (student) (2017-2018). *NSF MENTORES/PPOHA grant* [Research supplies funding: $2,000]. NSF/CPP College of Engineering, California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal investigator and faculty advisor) (2017-2018). *Student assistant support* (Funding: $1,000), Office of Research, Innovation, Economic Development (RIED), California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal Investigator) (2017-2018). *Technical geospatial data support for the gateway cities and rivers urban greening master plan* [Grant: $30,360]. The Watershed Conservation Authority, Azusa, CA, United States.

- Li, W. (Principal Investigator) (2016-2017). *ENV College fund for faculty professional development* [Funding: $1,189], College of Environmental Design, California State Polytechnic University, Pomona. CA, United States.

- Proctor, G. (Principal Investigator), & Li, W. (Co-Principal Investigator). (2016-2017). *Architecture & landscape architecture interdisciplinary collaboration studio* [Grant: $15,000], LPA Design Firm, Orange County, CA, United States.

- Li, W. (Principal Investigator and faculty advisor), & Devasta, J. (student) (2016-2017). *NSF MENTORS/PPOHA Grant for Graduate Students* [Funding: $3,500]. NSF/CPP College of Engineering. California State Polytechnic University, Pomona, CA, United States.

- Delgado, J. (Principal Investigator), Li, W. (Co-Principal Investigator), Sharbat, A. (Co-Principal Investigator) (2016-2017). *Water for Communities in Need: Determining Processes, priorities, and Successes* [Grant: $15,583], Strategic Interdisciplinary Research Grant Program (SIRG), California State Polytechnic University, Pomona, CA, United States.

- Milburn, L.-A. (Principal Investigator), & Li, W. (Co-Principal Investigator) (2016-2018). *Recreation, Education, and Livability (REaL) impact for affluent and disadvantaged Los Angeles residents: Exploring multiple quality measures of life as affected by environmental and programming quality* [Grant: $30,000]. USDA Forest Service, Pacific Southwest Research Station (Collaborators: Winter, P.L, & Padgett, P. E.), Riverside, CA, United States.

- Milburn, L.-A. (Principal Investigator), & Li, W. (Co-Principal Investigator) (2014-2015). *Destination PECA: Envisioning a future for the Peters Canyon Regional Park*, Orange County [Grant: $48518.68]. Orange County Parks, Irvine, CA.

- Milburn, L.-A. (Principal Investigator), & Li, W. (Co-Principal Investigator) (2014-2015). *One Water, Grass Two: Los Angeles River watershed stormwater blue belt strategy* (Grant: $46018.45). The Bureau of Sanitation, Department of Public Works, City of Los Angeles, CA, United States.

- Li, W. (Principal Investigator) (2014-2015). *Faculty professional development* mini grant [Grant: $1,000], College of Environmental Design, California State Polytechnic University, Pomona. CA, United States.

- Li, W. (Principal investigator and faculty advisor) (2014-2015). *Student assistant support* (Funding: $3,000), the provost's office, California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal investigator) (2014-2015). *President's Research, Scholarship, and Creative Activity Fund (RSCA)* [Grant: $5,000], the President's office, California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal investigator) (2014-2015). *University teacher-scholar program* [Funding: $9,600], the Provost's Office, California State Polytechnic University at Pomona, CA, United States.

- Li, W. (Principal investigator) (2013-2014). *Geodesign online courses for environmental design students* [Grant: $24,835]. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE), California State Polytechnic University, Pomona, CA, United States.

- Li, W. (Principal investigator) (2013-2014). *University teacher-scholar program* [Funding: $4,800], the Provost's Office, California State Polytechnic University at Pomona, CA, United States.

- Li, W. (Principal investigator) (2013-2014). The *Geodesign server* [Grant: $10,000]. The Innovative Approaches to Instruction Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, United States.

- Reibel, M. (Principal investigator), **Li, W.** (Principal investigator), & Kim, D. (Principal investigator) (2013-2014). *LARIAC data acquisition* [Grant: $10,000]. The Innovative Approaches to Instruction Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, United States.

- **Li, W.** (Principal Investigator), Kim, D. (Principal investigator), & Delgado, J. (Principal Investigator) (2013-2014). *GIS lab improvement* [Grant: $15,000]. The Modernize Classroom Equipment Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, United States.

- Milburn, L.-A. (Principal Investigator), & **Li, W.** (Co-Principal Investigator) (2013-2014). *Reimaging downtown Garden Grove* [Grant: $20,000]. City of Garden Grove, California, CA, United States.

- Hanna-Towne, K. (Principal Investigator), Milburn, L.-A. (Principal Investigator), & **Li, W.** (Co-Principal Investigator) (2012-2013). Greenways to Rivers Arterial Stormwater Systems (GRASS) [Grant: $50,000]. The Bureau of Sanitation, Department of Public Works, City of Los Angeles, CA, United States.

- Luo, T. (Principal Investigator), & **Li, W.** (Co-Principal Investigator). (2010-2011). *Fostering sustainable transit in great cities through optimizing spatial patterns of green open space* [Grant: ¥100,000 (RMB)]. The Chinese National Science Foundation, P.R. China.

- Luo, T. (Principal Investigator), & **Li, W.** (Co-Principal Investigator). (2012-2013). *Fostering sustainable transit in great cities through optimizing spatial patterns of green open space* [Grant: ¥100,000 (RMB)]. Shanghai Pujiang Funding Program, P.R. China.

- **Li, W.** (Principal investigator) (2011-2012). *President's Research, Scholarship, and Creative Activity Fund (RSCA)* [Grant: $5,000]. The President's office, California State Polytechnic University, Pomona, CA, United States.

- **Li, W.** (Principal investigator) (2010-2011). *University teacher-scholar program* [Grant: $11,000]. The Provost's Office, California State Polytechnic University at Pomona, CA, United States.

- **Li, W.** (Principal investigator) (2009-2011). *President's faculty travel fund* [Funding: $4,500], the President's Office, California State Polytechnic University at Pomona, CA, United States.

- **Li, W.** (Principal Investigator) (2009-2011). *Faculty professional development* mini grant [Funding: $2,000]. College of Environmental Design, California State Polytechnic University, Pomona. CA, United States.

- **Li, W.** (Principal Investigator) (2009). *Faculty summer institute fund for hybrid & online course development* [Funding: $1,500]. I & IT Department, California State Polytechnic University, Pomona. CA, United States.

Unfunded Proposals:

- Xiwei Shen (PI), Song Yang (Co-PI), and **Weimin Li (co-PI).** (2025, pending) [Grant applied and pending: $150,000]. *A Community-driven Approach to Equitable Recreational Water Facilities*

(RWFs) for Children in Desert Regions through Crowdsensing Optimization System. SCC Program. National Science Foundation, United States.

- Xiwei Shen (PI), Song Yang (Co-PI), **Weimin Li (co-PI),** and Qingqing Sun. (2025, pending) [Grant applied and pending: $150,000]. *SCC-PG: A Community Oriented Green Indoor Learning Environment: Controlling Indoor VOCs Concentration and Fostering Learning Activities for Elementary Schools in Desert Cities.* SCC Program. National Science Foundation, United States.

- **Li, W.** (2025). [Pending Grant: $30,000]. Re-Imaging Environmental Design Education -Leveraging Generative-AI for Future-Ready and Community-Centered Curricula. AI Education Innovations Challenge (AIEIC), Integrating AI Tools in Curriculum and Instruction. California State University.

- **Li, Weimin** (PI), He, Yiyi (co-PI), Derakhshan, Sahar (co-PI), and Guhathakurta, Subhrajit, (co-PI). (2024, declined). [Grant applied and pending: $200,000]. *Collaborative Research: Planning: Community-driven Integrated Framework for Interconnected Hazards Prevention and Equitable Community Resilience.* Submitted to CHIRRP Program, National Science Foundation, United States.

- He, Yiyi (co-PI), **Li, Weimin** (Co-PI), Liu, Xiao (Co-PI), and Guhathakurta, Subhrajit (co-PI). (2024, pending). [Grant applied and pending: $1,000,000]. *RAISE: Planning: Compound Challenges and Collective Solutions: Building Resilience in Communities under Multi-hazard Threats in Greater Los Angeles.* Submitted to CHIRRP Program, National Science Foundation, United States.

- **Li, W.** (2025). [Grant: $24,664 pending]. GLADNESS (Geo-digital Laboratory for Advanced Design Education with Spatial and Sensing Science) Student Learning Hub. The Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE) 2024-2025, California State Polytechnic University, Pomona, CA, United States.

- **Li, W.** (2025). [Pending Grant: $2,000]. Re-imaging Environmental Design Education -Leveraging Generative-AI for Future-Ready and Community-Centered Curricula. Cal Poly Pomona Office of Academic Programs.

- **Li, W.**, Milburn, Lee-Anne, Flores, Carlos. (2023). A Funding Proposal for Spatial Dataset and Concept Development for Tributaries of the Mid/Upper San Gabriel River. The Watershed Conservation Authority. Rivers and Mountains Conservancy. Azusa, CA. United States.

- Li, S., Sharbat, A., Shah-Fairbank, S., Jia, X., Lakeh, R. B., **Li, W.**, Khodayari, A. Li, J., Belgrad, S. Sadeghi, K.M. (2020-2022). CSU5 Adaptive Development Strategies for Disadvantaged Communities in Response to Climate Change: A Multi-Scale Water-Energy-Food Nexus Investigation. Climate Change Research Program. California Strategic Growth Council.

- Husain, M.I. (Principal Investigator), Bhandari, S., Blumenfeld, R., Jayarathna, S., Kim, D., **Li, W.** (Senior data scientist), Elaksher, A., Omar, T., Seyranian, V., Tang, D. Jia, X., Aliyazicioglu, Z. (2017-2020). *Disaster resilient 3-D communication and information network (DR3DIN)* [Grant applied: $1,999,402]. National Science Foundation, United States.

- **Li, W.** (Principal Investigator) (2017-2018). *Transformative metrics: Measuring climate change and quality of life impact of design solutions along transit corridors* [Grant applied: $75,000]. California State University Transportation Consortium (CSUT), San Jose, CA, United States.

- Kamalzare, M. (Principal Investigator), Sharbat, A., **Li, W.** (Co-Principal Investigator), & Bobich, E. (2017-2018), Health assessment of levee systems in Orange County [Grant applied: $25,000].

Strategic Interdisciplinary Research Grant Program (SIRG), California State Polytechnic University, Pomona, CA, United States.

- **Li, W.** (Principal Investigator). (2013-2014). Construct an interactive stormwater information system and Low Impact Design (LID) Strategies for the Los Angeles River Watershed [Grant: $15,000]. P3 Program, Environmental Protection Agency (EPA), United States.

AWARDS, HONOR, & RECOGNITION

- *Student Award of Honor – Analysis and Planning Category. (Faculty Advisor: Weimin Li and Jade Hunter*). Entry: *Beyond the Channel*. American Society of Landscape Architects (ASLA), New Orleans, LA, 2025.

- *Honor Award - Student Category (Faculty Advisor: Weimin Li and Jade Hunter). Entry: Beyond the Channel: Reconnecting a Resilient Arroyo Seco, Quality of Life Design Award,* American Society of Landscape Architects (ASLA), Southern California Chapter, Los Angeles, CA, 2025

- *Merit Award - Student Category (Faculty Advisor: Weimin Li and Jade Hunter). Entry: Living in the Wildland Urban Interface (WUI),* American Society of Landscape Architects (ASLA), Southern California Chapter, Los Angeles, CA, 2025

- Signature Polytechnic Experience (PolyX). Landscape through Evidence-informed Advanced Design (LEAD) Studio. California State Polytechnic University, Pomona. 2025.

- Faculty Teaching Excellence Award, Department of Landscape Architecture, California State Polytechnic University at Pomona, 2024.

- Elected Chair, Landscape Architecture Accreditation Board (LAAB), starting June 2025

- Secretary, Landscape Architecture Accreditation Board (LAAB), starting Jan. 2024- Present.

- *Board Member* (Educator), Landscape Architecture Accreditation Board (LAAB), starting Jan. 2022- Present

- *Outstanding Faculty for Program Development*, Department of Landscape Architecture, California State Polytechnic University at Pomona, Spring 2021.

- *Student Award of Excellence* (as Co-Principal Investigator and Faculty Advisor). Entry: *Constructed Efforts - Building Resilient Communities in the Los Angeles Gateway Cities*. American Society of Landscape Architects (ASLA) - Community Service Category, 2019. https://www.asla.org/2019studentawards/684715_Constructed_Efforts_Building_Resilient_Communities_In_the_Los_Angeles_Gateway_Cities.html

- *Outstanding Faculty Advisor*. College of Environmental Design, California State Polytechnic University, Pomona, 2017-2018.

- *Golden Leaves Award* (as co-author). Entry: *The Reserve at Rancho Mission Viejo: Proposals for a New Headquarters.* University Library, California State Polytechnic University, Pomona, 2018.

- *Professional Honor Award* (as Co-Principal investigator and faculty advisor). Entry: *Rendering Los Angeles Green: The Greenways to Rivers Arterial Stormwater System (GRASS)*. American Society of Landscape Architects (ASLA) - Research Category, 2017. https://www.asla.org/2017awards/327241.html

- *Student Merit Award*, *Quality of Life Award (*as faculty advisor). Entry: *Public Good(s)*. Student Team: Aaron Ackerman, Luis Pedraza, & Kevin Maynard. American Society of Landscape Architects (ASLA), Southern California Chapter, 2016.

- *Runner Up*, Campus RainWorks Challenge, Small Institution Category (as faculty advisor). Entry: *The Hydrological Belt – Reconfiguring Stormwater, Pollutant, and Social Networks*. Student Team: Carlos Flores, Hieu Nguyen, & Elena Tucci. Environmental Protection Agency (EPA), United States, 2012. https://www.epa.gov/green-infrastructure/2012-campus-rainworks-challenge-winners

- *Outstanding Graduate Faculty*, Department of Landscape Architecture, California State Polytechnic University at Pomona, 2011-2012, 2013-2014.

- *Winner, Wayne Grace Memorial Student Design Competition* (as faculty advisor). Entry: *Building up Jordan Downs*. Student Team: Megan Yellott, Jingwen Guo, & Jing Cai. Council of Landscape Architecture Registration Board (CLARB), 2011.

- *Honorable Mention* - SLANT International Design Competition (as faculty advisor). Entry: *Circles: Nanjing Wall Park*. Student: Jing Cai. SLANT, 2011.

- Second Place, CSU Student Research Competition (as faculty advisor). Entry: *Fire on the Fringe – Exploring Life at the Wildland-Urban Interface*. Student Team: Elizabeth Hurst, Lauren Male, Brianna Weldon. California State University System, 2011.

- *eLearning Wall of Cool (Celebrating Outstanding Online Learning) Honor*, I & IT Department, California State Polytechnic University at Pomona, 2010-2011

- *Beatrix Farrand Research Fund for Dissertation*, University of California, Berkeley, 2005

- *Honorable Mention, Dangermond Fellowship*, American Society of Landscape Architects (ASLA), Landscape Architecture Foundation (LAF), & ESRI, 2005

- *Dean's Normative Time Fellowship*, University of California, Berkeley, 2005 - 2006

- *EDRA Conference Traveling Award*. Environmental Design Research Association (EDRA), Vancouver, Canada, 2005

- *Beatrix Farrand* Conference Fund, University of California, Berkeley, 2005

- *Farrand Memorial Scholarship,* University of California, Berkeley, 2002

- *Harry S. Shepherd Fellowship*, University of California, Berkeley, 2002

- *Rafael Rodriguez Golden Age Foreign Student Scholarship*, University of California, Berkeley, 2001-2004

- *University Fellowship*, University of California, Berkeley, 2001 – 2004

SELECTED DESIGN AND PLANNING REPORTS

- CPPMLA LEAD Studio. (2025). Beyond the Channel: Connecting Water, Land, and Community Along the Arroyo Seco. Faculty Advisors: Li, Weimin & Hunter, Jade. Students: Nicole Lee, Chris Murphy, Francisco Ojeda, and Sarah Ouvray. Community Partner: City of Pasadena, Parks and Recreation Department, Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA LEAD Studio. (2025). Canopy of Care: Building Community Resilience through Urban Forest Education, Maintenance, and Cultural Awareness in South Los Angeles. Faculty Advisors: **Li, Weimin** & Hunter, Jade. Students: Mara Carcamo, Moon Jin, Abbey Kingsbury, Johanna Ortiz Valiente, and Zachary Solorza. Community Partner: LA Urban Center. US Forest Service Pacific Southwest Station, Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA LEAD Studio. (2025). From the Ashes: Relational Design for Living with Hazards in the Los Angeles WUI. Faculty Advisors: **Li, Weimin** & Hunter, Jade. Students: Teresa Dahl, Krystal Ehieze-Okeke, Julian Gonzalez, Jessica Reed, Waeza R. Salwa. Community Partner: City of Los Angeles Emergency Management Department, Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA LEAD Studio. (2025). Trust to Connect: Holistic Frameworks for Multifunctional Landscapes to Promote Biodiversity in West San Gabriel Valley. Faculty Advisors: **Li, Weimin** & Hunter, Jade. Students: Lexi Portillo, Britt Rhodimer, Jonathan A. Islas, Asminda A. Sierra Aguilera, Jessica M. Lund. Community Partner: Arroyo Foothills Conservancy, Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA Culminating Experience. (2024). Huron the Beautiful: A Model of Multi-Benefit Restoration for Agricultural Communities in the San Joaquin Valley, California. Faculty Advisors: **Li, Weimin** & Brown, Kyle. Students: Connor Rudmann, Antonio Olea, Andy Sett, Francisco Salas-Tamayo, Alfredo Zuniga. Community Partner: City of Huron, CA. US National Park Service, Rivers Trails & Conservation Assistance (RTCA Program), Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA Culminating Experience. (2024). Co-Design for Reconciliation: A Reimagining of the Ancestral Homeland of the Kootzaduka'a People in Mono County, California. Faculty Advisors: **Li, Weimin** & Brown, Kyle. Students: Cindy Camberos, Phillip Cooper, Megan Lassen, Julian Ordaz Fernandez, Scott Payne. Community Partners: Mono Lake Kootzaduka'a Tribe. US National Park Service, Rivers Trails & Conservation Assistance (RTCA Program), Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA Culminating Experience. (2024). Destination Baldwin Park: A Community Vision Plan for the City of Baldwin Park, California. Faculty Advisors: Brown, Kyle & **Li, Weimin**. Students: Rebecca Cheung, Eugenia Connelly, Hayley Stansell, Tessa Wiley. Community Partner: City of Baldwin Park. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States. https://www.cpp.edu/env/landscape-architecture/academic-student-resources/mla_culminating_experience_project/2024-05-24-lead-studio-baldwinpark-project.shtml

- CPPMLA Culminating Experience. (2024). Unlocking the Gateway: A Resilient Future for Maywood, California. Faculty Advisors: Brown, Kyle & **Li, Weimin**. Students: Nathan Peterson, Todd Siefke, Petronella Sovella, Soozy Zerbe. Community Partner: City of Maywood. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA Culminating Experience. (2024). The Equity Network, Pomona, California: Every Neighborhood Counts. Faculty Advisors: Brown, Kyle & **Li, Weimin**. Students: Chip Erwin, Trinity Gomez, Aliah Mitchell, Abraham Vera. Community Partner: City of Pomona. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2019). *Coming Full Circle: Turning to Forester Creek for Recreation*. Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, & Cancian, S. R. Students: We-Shiun Chen, Monica Marathey, Alexander Jauregui, Brian Neshek, Cristina Plemel, & Muriel Fernandez Replogle. Client: The San Diego River Park Foundation. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio (2018). *Measurable Change – Developing Metrics to Measure Landscape Strategies for Climate Change in Fresno, CA*. Principal Investigators and Faculty Advisors: **Li, W.**, Cancian, S. R., & Pregill, P. Students: Christopher Carrillo, Di Liu, Jingwei Zhou, Justin De Vesta, Neha Lohkande, & Yi Li. Client: The City of Fresno, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- Proctor, G., & **Li, W.** (2017). *The Reserve at Rancho Mission Viejo: Proposals for a New Headquarters.* Project Report of the Arc 504 and LA512 Studios. Client: LPA Design Firm, Orange County, CA. College of Environmental Design, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio (2017). *Collective Efforts – Building Resilient Communities in the Lower Los Angeles River Corridor.* Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, & Cancian, S. R. Students: Aaron Ackerman, Kevin Maynard, Luis Pedraza Cardozo, Kristen Gill, Kristin Misa Sullivan, Lila Takwa. Clients: Jackson Park and South Wrigley Neighborhoods, Gateway Cities, Los Angeles County, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2016). *Community Constructed – Participatory Design – Build in Lower Los Angeles River Communities*. Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, & Cancian, S. R. Students: Charmy Adesara, Jie Dang, Lianwei Ding, Xie Fei, Adam Kehoss, Matthew Moffa, Jeremy Munns, Cristhian Barajas, Kasandra Di Pieri, Sara Yazdi, Matthew Wild. Clients: Bell, Cudahy, & South Gate Neighborhoods, Gateway Cities, Los Angeles County, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2016). *Peters Canyon Regional Park General Development Plan*. Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, Pregill, P. N., & Delgado, D. Students: Melissa Butler, Roger Ridlehoover, Xin Ma, Mohammed Almohammadi. Client: Orange County Parks, Irvine, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2016). *Greenways to Rivers Arterial Stormwater Systems (Phase 2).* Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, Pregill, P. N., & Delgado, D. Students: Fidelitie Chang, Jonathan Harnish, Erik Rowan, Trenton Vail. Client: Bureau of Sanitation, Department of Public Works, City of Los Angeles, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2015). *RE: Imagine Garden Grove - Community in Motion: Non-Motorized Mobility Network, Open Space network Enhancement, 2060 Downtown Concept & "Gardens and Groves" Theme Plans.* Principal Investigators and Faculty Advisors: Milburn, L.-A., **Li, W.**, & Delgado, D. Students: Joseph Gonzalez, Hieu Nguyen, Elena Tucci, & Kevin Yuan. Client: City of Garden Grove, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2015). *Alternative Futures of the Antelope-Fremont Valleys*. Faculty Advisors: Milburn, L.-A., **Li, W.**, & Delgado, D. Students: Jane Tsong, Carlos Flores, Tyler Prestien, Katie Russell. Client: The Aqueduct Futures Project (Barry Lehrman). Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2013). *Catalyzing Connectivity*: *Rediscovering Creeks (CCRC) in the East San Gabriel Valley*. Faculty Advisors: Milburn, L.-A., **Li, W.**, Hanna, K., Lehrman, B., & Delgado, D. Students: Alex Fagnan, Michele Montano, Johnathan Perishio, Yoo-Jung Yang. Client: The Watershed Conservation Authority, Azusa, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, United States.

- CPPMLA 606 Graduate Studio. (2013). *Greenways to Rivers Arterial Stormwater Systems (GRASS) (Phase 1)*. Principal Investigators and Faculty Advisors: Hanna, K., Milburn, L.-A., **Li, W.**, Lehrman, B., & Delgado, D. Students: Katie Klein, Roxana Marashi, Mallory Piazzola, Mike Russell. Client: Bureau of Sanitation, Department of Public Works, City of Los Angeles, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, CA, United States.

- CPPMLA 606 Graduate Studio. (2013). *Watershed Whisperers – Exploring Potential for Water Use, Infrastructure, and Environmental Justice in the Owens Valley and Mono Basin*. Principal Investigators and Faculty Advisors: Lehrman, B., Milburn, L.-A., Hanna, K., **Li, W.**, Lehrman, B., & Delgado, D. Students: Tiernan Doyle, Eric Haley, James Powell, Devon Santy. Client: The Metabolic Studio, Los Angeles, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, United States.

- CPPMLA 606 Graduate Studio. (2010). *Filling in the Cracks – Stormwater in the Urban Watershed*. Principal Investigators and Faculty Advisors: Wilcox, A., Pregil, P., **Li, W**., Students: Nisreen Azar, Scott Goodman, Greg Moeser, Chris Tiffany. Client: The City of Fullerton, CA, United States. Department of Landscape Architecture, California State Polytechnic University, Pomona, United States.

TEACHING AND MENTORING EXPERIENCE

Department of Landscape Architecture, California State Polytechnic University at Pomona

G – Graduate; U – Undergraduate; Intro – Introductory; Interm – Intermediate; Adv – Advanced

Principles and Technologies of Geographic Information Sciences (e.g., Geographic Information System (GIS), remote sensing (RS), global navigation satellite system (GNSS), etc.)

Study of fundamental knowledge, principles, processes, models, and skills of geodesign in environmental design with a focus on landscape architecture. Application of spatial thinking, geospatial data, geo-processing, and other aspects of contemporary Geographic Information Sciences to solve sustainable planning and design problems defined by various ecological, environmental, and social conditions at different scales. Topics include the history of geodesign and landscape architecture, GIS hardware & software, e.g., ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, BlenderGIS, etc., geospatial representation & cartographic visualization, geospatial data acquisition from various sources, e.g., field survey, digitizing, remote sensing, GNSS, public data sources, etc., spatial data models and analysis, data structure and management, geodetic survey and geomatics, terrain and 3D landscape modeling, geo-statistics, geocoding, rule-based model building, land suitability analysis, park poverty analysis, food desert analysis, recreation planning, public health analysis, etc. These contents are covered in LA5582, LA3581, and LA499/L.

- Instructor (100%) LA 5582 Graduate Geodesign Fundamentals for Environmental Designers [G, Intro], Spring 2021-2022

- Instructor (100%) LA 3581 Geodesign Fundamentals for Environmental Designers [U, Intro], Fall 2018-2021 and Spring 2019-2022

- Instructor (100%) LA 499/L Introduction to GIS in Landscape Architecture [U, G, Intro], Winter 2009 to 2018, Spring 2011

Principles of Remote Sensing and Application of UAV Technologies in Landscape Architecture

Introduction of contemporary remote sensing (e.g., spaceborne, airborne, and unoccupied) knowledge, technologies, data acquisition, and their application in environmental design disciplines. Emphasis on Unoccupied/uninhabited Aerial Vehicles (UAV) technologies and their application in measuring, monitoring, planning, and designing the landscape and human systems. Hands-on experience in field operations, e.g., installation, launching, flying, landing, recording, and data collection, with mainstream UAVs, e.g., DJI Mavic Pro, DJI Mavic Air, DJI Mavic mini, DJI Matrice 600 Pro, etc., and compatible sensors, e.g., visible, multispectral, thermal, LiDAR, GPS, etc. Exploration of geospatial applications related to UAV data collection and processing, e.g., DJI Go, Go4, Pix4D, Drone Deploy, eCognition, ERDAS, and ArcGIS. Review of literature and precedent cases related to UAV technologies and application in landscape architecture, architecture, urban and regional planning, archeology, mapping climate change impacts, natural hazards, vegetation and green space, environmental quality, public health, social migration, cultural heritage, etc. Study federal, state, regional, and university UAV operation policies and regulations. Preparation and application for FAA Part 107 commercial remote pilot certification (sUAS). These contents are covered in LA4782.

- Instructor (100%) LA4782 Evolving Issues in Environmental Design – Remote Sensing with UAV (Drone) Technologies and Application in Landscape Architecture [U, G, Interm], Spring 2020, 2022

Ecological Landscape Design, Environmental Planning, and Geodesign with Systematic Application of GI Sciences and Technologies

Examination of issues and concerns underlying landscape analysis, planning, and design coupled to design processes, methods, and applications for dealing across scales and contexts. Application of systems thinking and geodesign methods that are top-down, bottom-up, data-driven, and issue-driven. Use contemporary information system technologies, e.g., Geographic Information System (GIS), Remote Sensing (RS), and Global Positioning System (GPS), in collecting, managing, processing, modeling, analyzing, synthesizing, and representing landscape inventory, including those in big data and information formats, to support design and planning decision-making. Techniques for predictions of alterations in social and natural processes brought about by human use of the land and the application of such assessments to environmental design and management. Decomposing and recomposing the landscape system and building solid internal connections between change proposals at different scales. Issue identification, precedent cases study, inventory collection, landscape evaluation, natural and social process modeling, suitability analysis, change simulation and prediction, scenario design and planning, landscape performance, environmental impact assessment, public engagement, remediation and stewardship, stormwater management, sustainable transportation design, and other planning and design practice to address societal challenges such as climate change, environmental and social justice, natural hazards (e.g., fire, flood, earthquake, sea level rise, urban

heat island effect), park poverty and ecological degradation, environmental contamination, water shortage and contamination, social issues (crime, public health, homelessness, segregation), travel congestion, etc. Review environmental regulations at federal, state, regional, and local levels. These contents are covered in LA512/L, LA6111L, LA 604/L, and LA632.

- Instructor (100%) LA 512/L Methods and Application in Landscape Architecture Lecture and Studio [G, Interm/Adv], Fall, 2009 to 2014, Fall, 2016-2017
- Instructor (100%) LA 6111L Design for Change Studio [G, Interm/Adv], Fall 2018 -2021
- Instructor (50%) LA 602/L Natural Processes & Landscape Design Lecture and Studio [G, Interm/Adv], Winter 2010
- Instructor (100%) LA 604/L Environmental Analysis Lecture and Studio [G, Interm/Adv], Spring 2009-2014, Spring 2016-2017

Advanced Practice in Human Ecosystematic Landscape Design and Planning

Application of the ecosystematic approach to complex, large-scale landscape design problems and natural resource planning in a group project setting. Adopting an integrative, issue-based approach to problem-solving and documentation directed at identifying the problem, developing advanced analysis tools to assist with problem-solving, and visual communication. Conduct research on contemporary design and planning issues, literature, and precedents to create sustainable solutions. Application of advanced methods of research, analysis, communication, engagement, planning, design, and build, including but not limited to Geospatial Information Sciences, e.g., GIS, remote sensing, and GPS, geodesign, statistics, environmental and social model building, automated rule development and tool building with computer programming, social survey & interview, focus group, participatory planning & design, design & planning charette, field survey, etc. Engagement and collaboration with public and private sectors, environmental agencies, non-profit organizations, communities, and citizen groups. Preparing written, verbal, and graphic communication for the public, clients, and allied disciplines through documenting data collection and research, site analysis, design strategies, tactics, and recommendations associated with a large-scale integrative design and planning project. Examination of a wide range of topics such as watershed design and planning, park and open space design and planning, natural hazard mitigation planning and design, stormwater network planning & management, natural resource planning, climate change impact mitigation and adaptation, participatory design and planning, community design built, and other emergent topics. These contents are covered in LA606L, LA632L, LA6071, and LA 608.

- Instructor (33%) LA 606L Eco-systematic Landscape Design Studio [G, Adv], Winter 2013 to 2017, Spring 2010, 2014 - 2018)
- Instructor (100%) LA 632L Landscape Technologies Studio [G, Adv], Fall 2017
- Instructor (33%) LA 6071 Integrative Design and Planning Laboratory [G, Adv], Fall 2018, Fall 2023
- Instructor (33%) LA 6081 Design and Planning Project Documentation Laboratory [G, Adv], Spring 2019, Spring 2024

Other Landscape Design Theory, Design Studio, and Computer Graphics

Review of relevant history and theory in landscape architecture. Exploration of various landscape planning and design processes at selected scales of concern. Study of knowledge of ecology, natural

processes, and social and cultural processes as an integral part of the site analysis and design process. Application of design principles and principles to more complex problems involving a wide range of conditions in the physical environment. Accommodation of populations of different races & ethnicities, ages, and other identification or interest groups with specific physical and social characteristics through applying theories and developing design ideas. Development of graphic, written, and verbal communication skills, including the appropriate use of computer technology relevant to the professional practice of landscape architecture.

- Instructor (100%) LA 302L Intermediate Landscape Design Studio [U, Interm], Winter 2011, 2012

- Instructor (100%) LA 303 Intermediate Landscape Design Lecture [U, Interm], Spring 2011, 2012

- Instructor (100%) LA 252L Computer Application in Landscape Architecture [U, Intro], Spring 2009, 2010

Research in Landscape Architecture and Environmental Planning

Supervised by faculty advisors to work on research problem identification, proposal development, grant application, literature review, research methodologies, research design, data acquisition and collection using various methods, data analysis, research writing, documentation, etc.

- Instructor (100%) LA 465 Landscape Architecture Senior Project [U, Adv], Fall, 2008 -2010, Winter, 2009 -2011, Spring, 2009, 2010

- Advisor (100%) LA 5990 Special Topics for Graduate Students [G, Adv], Summer, 2020

- Advisor (100%) LA 6910 Directed Research [G, Interm/Adv], Spring, 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2024

- Advisor (100%) LA 6920 Independent Study [G, Interm/Adv], Fall 2012, 2018, 2020, Winter 2012, 2014, Spring 2011, 2012, 2018

- Advisor (100%) LA 6940 Thesis/Project Research [G, Adv], Fall, 2017, Winter 2010, 2013, 2017

- Advisor (100%) LA 6990 Master's Degree Continuation [G, Adv], Summer, 2016, 2018, Fall 2016, 2018-2019, Winter 2017

Invited Design Critique (Recent Years Only)

- Guest Reviewer (spring 2022). Arch698b Advanced Design Research Studio: The Wild_, School of Architecture, University of Southern California. As invited by Greg Kochanowski.

- Guest Reviewer (spring 2022). LA5121 Studio: Program of Accumulation. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Mitchell De Jarrett.

- Guest Reviewer (fall 2021). LA6071L MLA Culminating Experience Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Kyle Brown.

- Guest Reviewer (Spring 2021). LA5121L Design II Studio Final Review. Department of Landscape

Architecture. California State Polytechnic University at Pomona. As invited by Rennie Tang.

- Guest Reviewer (Spring 2021). LA6121L Design IV TNC Cities Biodiversity and School Design Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Claire Latane.

- Guest Reviewer (Spring 2021). LA6081L MLA Culminating Experience Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Kyle Brown.

- Guest Reviewer (Fall 2020). LA111L Design Studio Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Rennie Tang.

- Guest Reviewer (Spring 2020). LA6081L MLA Culminating Experience Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Kyle Brown.

- Guest Reviewer (Spring 2020). LA6121L Design IV Studio Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Claire Latane.

- Guest Reviewer (Spring 2020). LA5111L Studio: The Garden of Our Dreams. Final Presentations. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Claire Latane.

- Guest Reviewer (Spring 2019). CPPLA Capstone Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Andrew Wilcox.

- Guest Reviewer (Spring 2017). LA 303 Landscape Design Studio Final Review. Department of Landscape Architecture. California State Polytechnic University at Pomona. As invited by Kyle Brown.

University of California at Berkeley

Teaching Assistant:

- LA 188x, Introduction to Geographic Information Sciences [U, G, Intro], Dept. of Landscape Architecture and Environmental Planning (Fall 2003, Fall 2004, Fall 2007)

- LA 134b, Landscape Designing in Digital World [U, G, Intro], Dept. of Landscape Architecture and Environmental Planning (Sp. 2004)

- IDS 110, Introduction to Computers, School of Engineering [U, Intro]- Fall 2002; Sp. 2002, 2003

Guest Lecturer:

- LA 132 Computer Application in Environmental Design [U, G, Intro], Dept. of Landscape Architecture and Environmental Planning (Spring, 2006)

- LA 221 Quantitative Methods in Environmental Planning [G, Interm], Dept. of Landscape Architecture and Environmental Planning (Fall 2005, 2007)

- ESPM 72 Introduction to Geographic Information Systems [U, Intro], Dept. of Environmental Science, Policy, and Management (Spring, 2007)

GIS Short Course Instructor:

- GIS Short Course, Geographic Information Sciences Center [Intro] (2003 -2006)
- GIS Short Course, University of California, Merced [Interm] (2005)

STUDENT ADVISING RECORDS (128 Graduate Students and 27 undergraduate students through Capstone Project, Master's Project, Research, or Thesis)

Student Name	Project/Thesis Title	Role	Degree	Date
Ouida Biddle, Issy Cassou, Kat Chavez, Luke Duncan, and Sergio Saldana	The Eaton Fire – Post-wildfire Impact Assessment, Caretaking, and Emerging Practices of Recovery in Altadena, CA	LEAD-Advisor	MLA	Spring 2026
Daniel Bautista, Maia Cherin, Amy Garza, Danny Gross, Lucas Murillo	Runoff to Resource – Parcel Level Infiltration for Groundwater Recharge in the Chino Basin	LEAD-Advisor	MLA	Spring 2026
Rebecca Giesking, Elizabeth Ignacio, Peter Kato, Jennifer Mejia, Maui Munoz	Assessing Multi-Benefit Resilience: A Comprehensive Benefits Study of Griffith Park	LEAD-Advisor	MLA	Spring 2026
Lexi Portillo, Britt Rhodimer, Jonathan A. Islas, Asminda A. Sierra Aguilera, Jessica M. Lund	Trust to Connect: Holistic Frameworks for Multifunctional Landscapes to Promote Biodiversity in West San Gabriel Valley.	LEAD-Advisor	MLA	Spring 2025
Nicole Lee, Chris Murphy, Francisco Ojeda, and Sarah Ouvray	Beyond the Channel: Connecting Water, Land, and Community Along the Arroyo Seco	LEAD-Advisor	MLA	Spring 2025
Mara Carcamo, Moon Jin, Abbey Kingsbury, Johanna Ortiz Valiente, and Zachary Solorza	Canopy of Care: Building Community Resilience through Urban Forest Education, Maintenance, and Cultural Awareness in South Los Angeles	LEAD-Advisor	MLA	Spring 2025
Teresa Dahl, Krystal Ehieze-Okeke, Julian Gonzalez, Jessica Reed, Waeza R. Salwa	From the Ashes: Relational Design for Living with Hazards in the Los Angeles WUI	LEAD-Advisor	MLA	Spring 2025
Nathan Peterson, Todd Siefke, Soozy Zerbe, Petronella Sovella	Unlocking the Gateway: A Resilient Future for Maywood, California	Co-Advisor	MLA	Spring 2024
Cindy Camberos, Megan Lassen, Julian Ordaz-fernandez, Scott Paye, Phillip Cooper,	Co-Design for Reconciliation: A Reimagining of the Ancestral Homeland of the Kootzaduka'a People in Mono County, California	LEAD-Advisor	MLA	Spring 2024
Trinity Gomez, Abraham Vera, Aliah Michell,	The Equity Network, Pomona California: Every Neighborhood Counts	Co-Advisor	MLA	Spring 2024

Connor Rudmann, Francisco Salas-Tamayo, Alfredo Zuniga, Andy Sett	Huron the Beautiful: A Model of Multi-Benefit Restoration for Agricultural Communities in the San Joaquin Valley, California	LEAD-Advisor	MLA	Spring 2024
Hayley Stansell, Rebecca Cheung, Tessa Wiley, Eugenia Connelly	Destination Baldwin Park: A Community Vision Plan for the City of Baldwin Park, California	Co-Advisor	MLA	Spring 2024
Adrianna Elihu	Not all green space is created equal	Committee	Master of Biological Science	2024
We-Shiun Chen & Monica Marathey	Coming Full Circle: Turning to Forester Creek for Recreation	Co-Advisor	MLA	2018
Christopher Carrillo, Di Liu, Jingwei Zhou, Justin De Vesta, Neha Lohkande, & Yi Li	Measurable Change – Developing Metrics to Measure Landscape Strategies for Climate Change in Fresno, CA	LEAD-Advisor	MLA	2018
Aaron Ackerman, Kevin Maynard, Luis Pedraza Cardozo, Kristen Gill, Kristin Misa Sullivan, & Lila Takwa	Collective Efforts – Building Resilient Communities in the Lower Los Angeles River Corridor	Co-Advisor	MLA	2017
Charmy Adesara, Jie Dang, Lianwei Ding, Xie Fei, Adam Kehoss, Matthew Moffa, Jeremy Munns, Cristhian Barajas, Kasandra Di Pieri, Sara Yazdi, & Matthew Wild	Community Constructed – Participatory Design – Build in Lower Los Angeles River Communities.	Co-Advisor	MLA	2016
Aaron Ackerman, Luis Pedraza, & Kevin Maynard	Public Good(s)	Advisor	MLA	2016
Melissa Butler, Roger Ridlehoover, Xin Ma, & Mohammed Almohammadi	Peters Canyon Regional Park General Development Plan	Co-Advisor	MLA	2015
Fidelitie Chang, Jonathan Harnish, Erik Rowan, & Trenton Vail	Greenways to Rivers Arterial Stormwater Systems (Phase 2)	Co-Advisor	MLA	2014
Joseph Gonzalez, Hieu Nguyen, Elena Tucci, & Kevin Yuan	RE: Imagine Garden Grove - Community in Motion: Non-Motorized Mobility Network, Open Space network Enhancement, 2060 Downtown Concept & "Gardens and Groves" Theme Plans.	Co-Advisor	MLA	2014
Jane Tsong, Carlos Flores, Tyler Prestien, & Katie Russell	Alternative Futures of the Antelope-Fremont Valleys	Co-Advisor	MLA	2014

Alex Fagnan, Michele Montano, Johnathan Perishio, & Yoo-Jung Yang	Catalyzing Connectivity: Rediscovering Creeks (CCRC) in the East San Gabriel Valley	Co-Advisor	MLA	2013
Katie Klein, Roxana Marashi, Mallory Piazzola, & Mike Russell	Greenways to Rivers Arterial Stormwater Systems (GRASS) – (Phase 1)	Co-Advisor	MLA	2013
Tiernan Doyle, Eric Haley, James Powell, & Devon Santy	Watershed Whisperers – Exploring Potential for Water Use, Infrastructure, and Environmental Justice in the Owens Valley and Mono Basin	Co-Advisor	MLA	2013
Carlos Flores, Hieu Nguyen, & Elena Tucci	The Hydrological Belt – Reconfiguring Stormwater, Pollutant, and Social Networks.	Advisor	MLA	2012
James Powell	Identification of Abandoned and Illegally Parked Vehicles through remote sensing	Advisor	MLA	2012
Kimberly Perry	Urban Agriculture and Contaminated Soil: A Method for Assessing Risk on Available Land	Committee member	Master of Regenerative Studies	2012
Elizabeth Hurst, Lauren Male, Brianna Weldon	Fire on the Fringe - Exploring Life at the Wildland-Urban Interface	Advisor	MLA	2011
Megan Yellott, Jingwen Guo, & Jing Cai	Building up Jordan Downs	Advisor	MLA	2011
Gauri Joshi	Risk Analysis and Design Strategies for Flooding in Mumbai, India	Advisor	MLA	2011
Fane Chen	Parking Lot Design	Advisor	BSLA	2011
Jingwen Guo	Evaluation of Environmental Amenities with Hedonic Pricing and GIS Methods	Advisor	MLA	2011
Jing Cai	Circles – Nanjing Wall Park	Advisor	MLA	2011
Nisreen Azar, Scott Goodman, Greg Moeser, & Chris Tiffany	*Filling in the Cracks – Stormwater in the Urban Watershed*	Advisor	MLA	2010
Nate Valenta	Human Psychology and the Physical Environment	Advisor	BSLA	2009
Meliana Susanto	Land + Urban in Indonesia	Advisor	BSLA	2009
Luis Cruz	An Inescapable Opportunity	Advisor	BSLA	2009
Giovanna Orozco	Impacts of Global warming	Advisor	BSLA	2009
Andrew Stinean	Human Impact on the Sonoran Desert	Advisor	BSLA	2009
Joanna	Regenerative Studies in Landscape Architecture	Advisor	BSLA	2009
Kun Sang Lee	Sustainable Landscape Design	Advisor	BSLA	2009
Cathleen Siy	Japanese Garden Design and	Advisor	BSLA	2009

	Sustainability			
Olga Cervantes	Landscape and Physical Health	Advisor	BSLA	2009
Shirin Adorbehi	Art in the Landscape	Advisor	BSLA	2009
Steven Liao	Energy and Water Conservation	Advisor	BSLA	2009
Susan Lee	Energy and Water Conservation	Advisor	BSLA	2009
Yaneli Hernandez	Health and Wellbeing in Open Space	Advisor	BSLA	2009
Tim Zhang	"Green House"	Advisor	BSLA	2008
Gisela Garay	Sustainable materials	Advisor	BSLA	2008
Ben Tamuno-Koko	Vertical Thinking in Urban Landscape	Advisor	BSLA	2008
Olga Quintero	Sustainability in Rural Peru	Advisor	BSLA	2008
Noriko Kikuchi	Privacy and Urban Residential Landscape Design	Advisor	BSLA	2008
Dan Petrich	Environmental impacts of Golf Courses	Advisor	BSLA	2008
Mary Dzandzara	Cultural Landscape Preservation	Advisor	BSLA	2008
Kim H. Mok	Rooftop Garden Design in Metropolitan Area	Advisor	BSLA	2008
Jose Diaz	Landscape Sustainability through Green Roof Design	Advisor	BSLA	2008
Eugene, J. Kim	So Important, yet so wasted	Advisor	BSLA	2008
Daniel Petrich	Sustainable Golf Course Design	Advisor	BSLA	2008
Celio Ruvalcaba	Green Building Design	Advisor	BSLA	2008
Carmen Joanna Aceves	Energy Conservation in Landscape Design	Advisor	BSLA	2008
Bianca Martono	The City's Escape	Advisor	BSLA	2008

OTHER PROFESSIONAL AND CONSULTATION EXPERIENCE

- IFLA Education Standards Workshop, Participant, Boston, MA, October 2025

- Contracted Consultant, Watershed Conservancy Authority, Azusa, CA, United States, since 2018

- Research/GIS Data Scientists, Greater Los Angeles County (GLAC) Disadvantage Community Involvement Program (DACIP), California State University, Contract Team Core member, WRPI, Cal State San Bernardino, CA, United States, 2016

- GIS & Spatial Analysis Consultant, Whitegold Solutions, San Rafael, United States, 2007

- GIS Analyst, Planning Department, City of Redwood City, California, United States, 2006

ACADEMIC, PROFESSIONAL, AND UNIVERSITY SERVICE

Academic and Professional Affiliations and Service:

- Board Member (Chair), Landscape Architectural Accreditation Board (LAAB), 2025-2026

- Board Member (Secretary), Landscape Architectural Accreditation Board (LAAB), 2024-2025
- External Program Review Committee Chair, Sustainable Built Environments School of Landscape Architecture, University of Arizona, 2023-2024
- External Tenure & Promotion Reviewer, Landscape Architecture & Environmental Planning, University of California at Berkeley, 2023-2024
- Board Member (Educator), Landscape Architectural Accreditation Board (LAAB), Since 2022
- Educational Committee, American Society of Landscape Architecture (ASLA), 2020-2022
- Tenure and Promotion Reviewer for other universities, 2020 (1 case), 2021 (2 cases), 2023(2 cases)
- Technical Advisory Committee, Regional and Rural Edition of the Los Angeles County Park Need Assessment, Department of Parks and Recreation & MIG, Los Angeles County, CA, United States, 2020-2021.
- Member &University Representative, International Geodesign Collaboration (IGC), 2018-Present
- Chair (Educator), ROVE Accreditation Visiting Team, Landscape Architecture Accreditation Board (LAAB), 2018 – 2022
- Technical Advisory Committee, Los Angeles County Park Need Assessment, Department of Parks and Recreation & Placework, Los Angeles County, CA, United States, 2015-2016.
- Member, American Society of Landscape Architecture (ASLA), 2009 - present
- Member, Council of Educators in Landscape Architecture (CELA), 2009 - present
- Member, Environmental Design Research Association (EDRA), 2005 - present
- Member, Association of American Geographers (AAG), 2009-present
- Member, Chinese Professionals of Geographic Information Sciences (CPGIS), 2010-present
- Member, Geodesign Consortium, since 2020
- Peer Reviewer, Scientific Reports, since 2022
- Abstract Reviewer, Council of Educators of Landscape Architecture Annual Conference, 2020-present
- Peer Reviewer, *Annals of GIS*, since 2012
- Peer Reviewer, *Remote Sensing Letters*, since 2012
- Peer Reviewer, *International Journal of Remote Sensing*, since 2012
- Peer Reviewer, *Journal of Landscape and Urban Planning*, since 2014
- Peer Reviewer, *Journal of Planning Practice and Research*, Since 2018
- Peer Reviewer, *The Social Science Journal*, Since 2020
- Peer Reviewer, *Environmental Health Insights*, Since 2022
- Peer Reviewer, *Landscape Research Record*, Since 2010
- Peer Reviewer, Scientific Reports, since 2023
- Peer Reviewer, Journal of Forestry Research, since 2024
- Peer Reviewer, Earth Science Informatics, since 2024
- Peer Reviewer, Information Fusion, since 2024
- Peer Reviewer, Journal of Planning Education and Research, since 2024
- Peer Reviewer, Landscape Journal, since 2024
- Peer Reviewer, Applied Spatial Analysis and Policy, 2025

University Service:

California State Polytechnic University, Pomona:

- Cal Poly Pomona, Faculty Fellow, AI Hackathon, Spring 2025

- Cal Poly Pomona Center for GIS Research Advisory Board (revitalized in 2024), member – 2024-Present
- Executive Graduate Council – 2016 - Present
- Extended Graduate Council – 2016 - Present
- Academic Senate – Academic Affairs Standing Committee (member), 2021-2023
- University Program Review Committee (Member), 2021-2023
- Dean of Environmental Design Search Committee (Member), 2019-2020
- University Online Education Task Force (Member), 2019-2020
- MPP Review Committee for College Dean, Spring 2018-Spring 2019
- Academic Programs Assessment Committee Fall 2017-Spring 2018
- International Study Program Committee, 2008-2009
- University CGISR Faculty Advisory Board, 2009 -2018
- University Faculty Affairs Committee 2011 -2012
- University GE Requirement Ad Hoc Committee 2012 -2013
- CSU GIS Specialty Center UAS (Drone) Cal Poly Pomona Representative – 2014-2015

College of Environmental Design (ENV), California State Polytechnic University, Pomona:

- ENV College Graduate Studies Committee – 2022 - present
- ENV College Dean Search Committee (member) – 2019-2020
- ENV College Strategic Planning Committee (member), 2018-2019
- ENV College Assessment Committee (Chair), Fall 2017-2019
- ENV College Assessment Liaison (CAL), Fall 2017 - Spring 2018
- ENV Technology Council (Department Representative), 2010 - present
- ENV Research Council (Department Representative) 2011 - present
- ENV Representative for Environmental Meet and Greet for Local Students 2011 -2012
- ENV Associate Dean Search Committee (member) – 2015

Department of Landscape Architecture, California State Polytechnic University, Pomona:

- Graduate Coordinator, 2016 – Present
- Graduate Studies Committee (Chair since 2016), 2009 - present
- Graduate Curriculum Committee (Chair since 2016), 2009 - present
- Graduate Advisor, 2009 - present
- Department Retention, Tenure and Promotion Committee (Chair), 2020-2011
- Bravely Learning Community Coordination Committee (member and facilitator), 2020- Present
- Department Assessment Committee (Chair), Fall 2017- Spring 2018
- Department Faculty Search Committee (Chair), Spring 2018- Spring 2019 (Chair), 2021-2022, 2024-2025 (Chair)
- Department Retention, Tenure, and Promotion Committee (member), Fall 2016 - Fall 2020
- Department Post-Tenure Review Committee (member), 2021-2022
- Department Lecturer Evaluation Committee (member) Fall 2016- Spring 2018
- Department Chair Nomination Committee (Chair), 2016
- Department Faculty Search Committee (Member), 2011 - 2012, 2019-2020
- Department Scholarship Committee (Member), 2009 - 2011, Fall 2017- Present
- Department Recruitment Committee (Member), 2015-2016, 2016-2017, 2017-2018
- Department Acting Chair (Temporary when Chair is out of town) 2016-Present
- Department Webmaster, 2009 - 2020

- BSLA Accreditation Preparation Team, 2010, 2011, 2012, 2013, 2016-2017
- MLA Accreditation Preparation Team, 2010, 2011, 2016-2017
- BSLA Curricula Preparation Team, 2012, 2013
- Department GIS Minor Advisor, 2011 – present
- Undergraduate Academic Advisor, 2012, 2013

Department of Urban and Regional Planning, California State Polytechnic University, Pomona:
- Department of Urban and Regional Planning Retention, Tenure, and Promotion Committee (member) (2024-2025)

MAJOR ADMINISTRATIVE RESPONSIBILITY AND ACHIEVEMENT

Graduate Coordinator, Department of Landscape Architecture, College of Environmental Design, California State Polytechnic University at Pomona, Jan. 2016 – Present

Primary Responsibility (As the graduate coordinator, Dr. Li oversees the MLA program's development, including strategic planning, diversity, equity, & inclusivity (DEI), recruitment, curriculum improvement, assessment, LAAB accreditation, alum relations, public outreach & engagement, etc.

- Dr. Li reports to the Department Chair and the University's Director of Graduate Studies about the MLA graduate program.
- Dr. Li coordinates the overall operations of the Master of Landscape Architecture (MLA) program.
- Dr. Li represents the MLA program in department, college, and university meetings and activities.
- Dr. Li leads significant recruitment efforts for the MLA Program to maintain healthy cohort numbers.
- Dr. Li manages the MLA students' admission, orientation, advancement, and graduation with assistance from the department administration coordinator and faculty graduate advisor(s).
- Dr. Li coordinates communication among the university, college, department, faculty, current students, prospective students, alums, and other interested parties about the MLA program.
- Dr. Li leads and facilitates the MLA graduate study/curricula committee, updating and improving the MLA curricula during the 2018 semester conversion period.
- Dr. Li monitors the academic progress of MLA students from recruitment to post-graduation and provides academic advice to help them successfully finish their MLA degrees and succeed in their careers.
- Dr. Li monitors MLA students' physical and mental health situations and coordinates efforts from the department, the college, and the university to support students' well-being.
- Dr. Li oversees program-level graduate studies policies such as strategic planning, recruitment plan, and cumulating experience process and requirements.
- Dr. Li leads program-level assessment efforts to ensure the achievement of program learning outcomes.
- Dr. Li led and organized faculty and student effort toward the accreditation of the MLA program multiple times, including developing the Self-Evaluation Reports, collecting student work, coordinating visiting team activities, etc.
- Dr. Li produces and disseminates program promotion materials through the department website and social media.
- Dr. Li advocates and supports MLA students for scholarships, internships, research assistantships, design competitions, awards, jobs, and other academic and career opportunities.

Major Administrative Accomplishments:

- Dr. Li significantly improved the MLA program's representation at Cal Poly Pomona and the national academic communities.
- Dr. Li increased the cohort enrollment number of the MLA program in Fall 2021 by over 400% compared to the previous lowest number in 2016.
- Dr. Li successfully led renewing the MLA program's full LAAB re-accreditation in 2018.
- Dr. Li's leadership contributed to the program's high Nation Ranking from 11th to 16th place as published by Design Intelligence.
- Dr. Li successfully led the 2018 semester conversion effort to update the MLA program curricula.
- Dr. Li received the Outstanding Academic Advisor award from the California State Polytechnic University at Pomona in 2018.
- Dr. Li supported faculty and students in the 606 Studio of the MLA program to continuously attract project funding from regional and local governments, NGOs, environmental groups, and other public sectors with their research, planning, design, and public service efforts.
- Under Dr. Li's leadership and support, faculty, and students in the MLA program received many national, state, and regional awards, including but not limited to the National ASLA Professional Award of Honor in Research Category (2017), National ASLA Student Award of Excellence in Research Category (2018), and National ASLA Student Award of Excellence in Community Service Category (2019).
- Dr. Li led and participated in funding proposals and successfully obtained more than $300,000 in funding solely for projects, research, and teaching activities involving graduate students in the MLA program.
- Dr. Li established a student and alums database/network and actively engaged students, alums, and professionals to support program efforts in recruitment, admission, graduation, scholarships, and student career development through surveys, direct contacts, social media, professional advisory networks, and other outreach efforts.
- Dr. Li strongly promotes the value of diversity and continues improving the racial, gender, and cultural diversity of faculty and students in the MLA program. During every recruitment season, Dr. Li is highly committed to recruiting students from all backgrounds, especially BIPOC applicants. With Dr. Li's effort, the number of African American and other underrepresented students increased rapidly in the MLA program.

OTHER NOTEWORTHY ACTIVITIES AND TRAINING

- Participant, Advanced QLT Course in Teaching Online, California State University, Summer 2021.
- Participant, Introduction to Teaching with Canvas, California State Polytechnic University at Pomona, Summer 2021.
- Participant, CAFÉ Hybrid and Flipped Course Design, California State Polytechnic University at Pomona, Summer 2021.
- Participant, Microcredential "Creating an Inclusive and Supportive Online Learning Environment," ACUE, Summer 2020.
- Facilitator, Assessment Charrette, Assessment and Program Review, California State Polytechnic University, April 2018.
- Participant, LAAB/ASLA ROVE Training Workshop, LAAB/ASLA/CELA, March 2018.
- Participant, Assessment Counseling with Dr. Marilyn Korostoff, Assessment and Program Review, California State Polytechnic University, February 2018.
- Participant, Assessment 201 – Advanced Topics in Assessment Workshop, WSCUC, February 2018.

- Participant, Assignment Design Charrette Workshop, WSCUC, January 2018.
- Participant, Inaugural 2017 Summer Assessment Institute, Assessment, and Program Review, California State Polytechnic University, Summer, 2017.
- Participant, eLearning Engaging the Digital Student Initiative Summer Institute, Faculty Center of Professional Development, California State Polytechnic University, Summer, 2016.
- Participant, CSU GIS Specialty Center, UAS (Unmanned Aircraft System) Workshop. California Polytechnic State University, San Luis Obispo, CA, United States. November 2014.
- Student Advisor, Environmental Protection Summer Camp, Environmental Protection Association, Guangzhou, China, 1997
- Student Advisor, Environmental Protection Summer Camp, Friends of the Earth, Hong Kong, 1998

LICENSES AND CERTIFICATES

Part 107 Commercial Remote Pilot (sUAS), Federal Aviation Administration, United States. (Certificate No. 4733849)

Certificate of Achievement, Advanced QLT Course in Teaching Online, The California State University Online Course Service. July 25th, 2021.

COMPUTER AND SOFTWARE SKILLS

- **Geographic Information System (GIS) Software:** ESRI ArcInfo, ArcGIS Desktop, ArcGIS Server, ArcGIS Online, ArcGIS Pro, ArcHydro, ArcPad, Fragstats, Terrset, ETGeoWizards, Hawths_Analysis, QGIS, GRASS, Google Map, etc.
- **Remote Sensing (RS) Software**: Definiens/eCognition, ERDAS Imagine, ENVI, Drone Deploy, Pix4Dmapper, Pix4Dmatic, Pix4Dsurvey, Drone2Map, etc.
- **3D Modeling Software**: ESRI CityEngine, Blender, BlenderGIS, Rhino, Maya, etc.
- **Unoccupied Aerial Vehicle Devices and Sensors:** DJI Mavic Pro, Mavic Air, Mavic mini, Matrice 600 Pro, Zenmus XT2 Dual Sensors, Velodyne LiDAR Puck, Garmin GPS, etc.
- **Statistics and Other Data Science Software**: SPSS, SAS, Stata, R Studio, Matlab, Mathematica, etc.
- **Video Editing Software**: Snagit, Camtasia, iMovie, Premiere, etc.
- **Graphic Design Software**: AutoCAD and Adobe Creative Cloud (Photoshop, Illustrator, Acrobat, InDesign, Premiere, Lightroom, Dreamweaver, etc.)
- **Data Science Packages:** Anaconda Navigator and included tools
- **Programming languages**: Visual C++, Visual Basic, HTML, AML, Python, Fortran, etc.
- **Instructional Technologies:** Blackboard, Canvas, ConceptBoard, Portfolium, etc.
- **Other Software or Tools**: MS Windows Office (Word, Excel, Access, OneNote, OneDrive, PowerPoints, Teams, Forms, etc.), Apple iWorks (Keynote, Numbers, Pages, etc.), Latex, Google Tools (Drives, Docs, Sheets, Slides, Forms, etc.), OpenRefine, Dropbox, Zoom, etc.

LANGUAGES

- **Chinese** (Mandarin and Cantonese): Native Language
- **English**: Fluent, Advanced Reading and Writing
- **French**: Introductory