

YI LUO Ph.D., P.L.A.
Assistant Professor, Doctoral Research Faculty
Department of Landscape Architecture, University of Florida
Track Chair, Council of Educators in Landscape Architecture
Secretary/Treasurer, Sigma Lambda Alpha Honor Society - Landscape Architecture
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EDUCATION

- Ph.D. **Landscape Architecture and Urban Planning, Texas A&M University (2014)**
Dissertation Title: Enhancing Quantification of A Landscape Project's Environmental,
Economic and Social Benefits: A Study of Landscape Architecture Foundation's Landscape
Performance Series
Advisor: Dr. Ming-Han Li
Committee Members: Drs. Forster Ndubisi, Jon Rodiek and Astrid Volder
- MLA **Landscape Architecture and Environmental Planning, Utah State University (2007)**
Thesis Title: Programming and Conceptual Design of a Visitor Center for a Proposed Environmental
Education Center for the City of Logan and Cache County, Utah (Client: City of Logan, Utah)
Advisor: John Ellsworth
Committee Members: Michael Timmons and Dr. Ryan DuPont
- BArch **Architecture & Urban Planning, Huazhong University of Sci. & Tech., Wuhan, China (2002)**

PROFESSIONAL LICENSURE

2009 - Landscape Architect License in Utah, License #: 7456908-5301
present

ACADEMIC POSITIONS

2018 - **Assistant Professor. Landscape Architecture, University of Florida, Gainesville, Florida**
present *Course Taught:*
LAA 3350 Site Design and Planning
LAA 4358 Senior Independent Project
LAA 6342 Landscape Architecture Criticism
LAA 6656 Advanced Landscape Architecture Studio (Health & Design + Landscape Performance)

Graduate Committee

Mentor:

Kanglin Chen, PhD Student, Department of Landscape Architecture

Chair:

Alexis Bonker, MLA Student, Mental Health + The University Landscape: What can landscape

architecture do?

Member:

Luwei Wang, PhD Student, Public Parks as Infrastructure in a Rapidly Urbanizing Region

Zhou Zhou, MLA Student, A Study of Outdoor Fitness network and Environment in UF

Monica Roche: MLA Student, Urban Heat Island Mitigation through Forestry in Chicago's Englewood Neighborhood

2014 -
2018

Assistant Professor. Landscape Architecture, Texas Tech University, Lubbock, Texas

Course Taught:

LARC 4506 Collaboration Studio - Health and Design

5th year BLA studio, collaborating with Architecture; 5 credit hours; Fall 2017

LARC 6406 Advanced Collaboration Studio

2nd year MLA studio, collaborating with Architecture; 4 credit hours; Fall 2017

LARC 2302 History of Landscape Architecture

2nd year BLA and University Multicultural Core lecture; 3 credit hours; Fall 2017

LARC 5310 Development of Landscape Architecture

1st year MLA lecture; 3 credit hours; Fall 2017

LARC 1412 Landscape Design

1st BLA studio; 4 credit hours; Spring 2017

LARC 4100 Undergraduate Seminar

4th year BLA seminar; 1 credit hours; Spring 2016, 2017

LARC 6100 Graduate Seminar

2nd year MLA seminar; 1 credit hour; Spring 2016, 2017

LARC 6301 Research Methods: Planning and Design

1st year MLA and 2nd year PhD in LPMD lecture; 3 credit hours; Fall 2015, 2016

LARC 3401 Landscape Site Design

3rd year BLA studio; 4 credit hours; Fall 2014, 2015, 2016

LARC 2402 Landscape Design Process

2nd year BLA studio; 4 credit hours; Spring 2015, 2016

LARC 5401 Design Principles and Process

1st year MLA studio; 4 credit hours; Summer 2015, 2016

LARC 6000 Thesis Research

Fall 2015 to present

Master Student Committee:

Chair:

Joanna Aduhene, Therapeutic Landscape for Senior Community (2016 - 2017)

Amanda Gunter, Designing Healing Gardens for Academia (2016 - 2017)

Caitlin Dodson, A Typological Study of Urban Farming in the Southwestern United States (2016 - 2017)

Michael Hall, Designing Natural Learning Experience for Elementary Students (2016 - 2018)

Bayleigh Merlau, Promoting Regional Sustainability (2017-2018)

Dylan McCallon, Stop Urban Sprawl in Southwest America (2017-2018)

Committee Member:

Julie Spraggens, Green Space and Therapeutic Gardens (2014 - 2015)

Jinxing Wei, Green Space Planning, Lubbock, TX (2015 - 2016)

Mike Ross, The Chicago River and the Clybourn Industrial Corridor Ecological Design (2015 - 2017)
Afsana Sharmin, Outdoor Learning Environment for Connecting Children with Nature (2016 - 2017)
Jared Horsford, Approaches for Obtaining SITES v2 Water Credits in Playa Hydrologic Systems of the Llano Estacado Region (2016 - 2017)

2012-2014 **Instructor. Landscape Architecture and Urban Planning, Texas A&M University, College Station, Texas**

Course Taught:

LAND 320 Landscape Architecture Design III
4th year BLA studio; 5 credit hours; Fall 2012

LAND 321 Landscape Architecture Design IV
4th year BLA studio; 5 credit hours; Spring 2012, 2013

LAND 329 Landscape Construction I - Grading and Stormwater Management
3rd year BLA Construction Studio; 4 credit hours; Fall 2013

2012 **Research Assistant. Landscape Architecture Foundation, Case Study Investigation Program**

Case Studied:

Cross Creek Ranch, Fulshear, Texas

Park Seventeen, Dallas, Texas

Beijing Olympic Forest Park, China

Tangshan Nanhu Eco-City Central Park, China

2010-2011 **Teaching Assistant. Landscape Architecture and Urban Planning, Texas A&M University, College Station, Texas**

Course Assisted:

LAND 240 History of Landscape Architecture (3rd year BLA)

LAND 340 Landscape Architecture in America (3rd year BLA)

LAND 431 Professional Practice (5th year BLA)

LAND 630 Development of Landscape Architecture (2nd year MLA)

2005-2007 **Research Assistant. Landscape Architecture and Environmental Planning, Utah State University, Logan, Utah**

Involved in studying and designing Logan city old landfill closure (PI: John Ellsworth).

2005 **Teaching Assistant. Landscape Architecture and Environmental Planning, Utah State University, Logan, Utah**

Course Assisted:

LAEP 2600 Landscape Construction I - Grading and Drainage (2nd year BLA Construction Studio)

GUEST LECTURES

2019 **Does it really work? Sustainable Stormwater Management in the U.S.**

German American Symposium on Green Infrastructure: Our Cities, Our Climate: Sustainable & Low Impact Urban Development. Gainesville, FL.

2019 **Promoting Measurable Sustainable Development**

DCP 7790 Doctoral Core I

- 2017 **Therapeutic Landscape Design**
LARC 2413 Landscape System, Texas Tech University, Texas
- 2017 **Conducting GIS-Based Landscape Inventory**
LARC 1322 Modeling and Communication
- 2016 **Promoting Sustainable Development: Low Impact Development and Landscape Performance Evaluation**
Fujiang University of Technology
- 2014-2016 **Traditional Chinese Gardens**
LARC 2302 Development/History of Landscape Architecture, Texas Tech University, Texas
LARC 1301 Introduction to Landscape Architecture, Texas Tech University, Texas
- 2013 **Landscape Performance Quantification**
LAND 321 Landscape Architecture Design IV
LAND 603 Session 1 Principles and Techniques of Land Development
- 2013 **ArcGIS-Based Suitability Study**
LAND 603 Session 2 Principles and Techniques of Land Development
- 2013 **Landscape Performance**
LAND 200 Introduction to Landscape Architecture
- 2011 **What is Landscape Architecture? (Student panel)**
LAND 200 Introduction to Landscape Architecture

RESEARCH INTERESTS

Landscape performance quantification
Sustainability assessment (LEED-ND, SITES, Living Building Challenge, etc.)
Health and design (Therapeutic Landscape)
Low impact development/Stormwater management
Research methods

PROFESSIONAL EXPERIENCE

- 2008-2009 ***Landscape Architect. IBI Group, Salt Lake City, Utah***
Involved in developing concept plans and master plans for various projects: new urbanism development, transit-oriented development, regional planning, streetscapes, and resorts.
- Spring
2007 ***Landscape Intern. IBI Group, Salt Lake City, Utah***
Involved in planning and design development and presentation graphics of various landscape architecture projects.

- Summer 2005 **Landscape Intern. Landmark Design, Inc., Salt Lake City, Utah**
Same as above.
- 2002-2003 **Architectural Designer. H.K.L.D. Architectural Design Ltd. Co., Shanghai, China**
Involved in conceptual design, design development, presentation graphics and construction documents for various architectural projects.

SELECTED ACADEMIC PROJECTS

- 2020 **Enhancing the Resilience of Port St. Joe. Supported by Jessie Ball DuPont. PI: Yi Luo. Co-PI: Mike Volk. (\$6,667)**
This project aims to enhance the resilience of Port St. Joe through an integration of scientific research and studio teaching. First, research will be conducted to explore what factors contribute to social resilience, and the outcome of this research will be shared with BLA3 students to guide their design for Port St. Joe Park system.
- 2019 **Enhancing the Credibility of Landscape Performance Research: A Recommendation on Performance Baseline Assessment**
This project study provides suggestions on landscape performance baseline data collection by studying the published landscape performance cases, analyzing the cause and effect relationships between each case's sustainable features and performance benefits, and pairing performance metrics with sustainable features.
- 2019 **2019 Case Study Investigation - Depot Park. Supported by Landscape Architecture Foundation. PI: Yi Luo. Co-PI: Mike Volk. (\$5,600)**
This project measures the performance of Depot Park in Gainesville, Florida and quantifies its environmental, economic, and social benefits. The CSI program attempts to show the value and make the case for sustainable landscape solutions.
- 2018-2019 **Examining Landscape Performance Benefits from an Ecological Wisdom Perspective**
This study examines Landscape Architecture Foundation's case studies to identify potential converging and conflicting relationships among their environmental, economic, and social benefits and explore the possibilities and pathways toward minimizing conflicting interests among these benefits.
- 2018 - 2019 **Landscape and Building Performance Measurement: A Collaborative Data Collection. PI: Yi Luo (\$5,000). (Under Review)**
This project is an attempt to team up researchers and designers (both architects and landscape architects) at the early stage of a project to collect integral baseline data of both the landscape and building. This data will be compared with post-construction and occupancy performance to examine whether the combined performance of landscape and building meets the anticipated benchmarks of Living Building Challenge that this project was designed based upon.
- 2015-2017 **Xeric Landscape Design Studio: Initial Inception and Implementation Plan. Supported by USDA - Capacity Building Grants for Non Land Grant Colleges of Agriculture. PI: Charles Klein. Co-PI: Yi Luo, Thayne Montague, Joey Young, Cynthia Mckenney, David Lawver, and Christine Casanova. (\$149,948).**
This project is to develop a student-engaged studio to provide design and consulting services to local homeowners and meanwhile collect pre- and post-construction data to show benefits of xeric land-

scapes, and consequently arouse residents' awareness of stormwater management and water conservation in the southwest states.

- 2016-2017 **Promoting Landscape Performance Measurement: A Collaborative Baseline Data Collection**
This project is an attempt to team up researchers and practitioners at early stages of design and construction to collect baseline data of a sustainable project and compare it against post-construction and occupancy data to show the project's performance improvements.
- 2015-2017 **Landscape Performance Baseline Data Collection**
This research was to study current published landscape performance case studies and summarize baseline data needs to be collected before construction for each project type.
- 2015 **Landscape Architecture Foundation - Landscape Performance Education Grant. PI: Yi Luo (\$2,500)**
This study was to integrate landscape performance into landscape architecture studio course, delivering knowledge and skills of landscape performance to students and provide a pedagogical model for future educators.
- 2015 **Building Sponge City: Examples of Landscape Architecture Curriculum on Stormwater Management in the United States**
This research was to study the curricula of LAAB accredited landscape programs and use it as an example to discuss how teaching stormwater management and Low Impact Development (LID) design can help build Sponge Cities in China.
- 2013-2014 **Dissertation Research - Enhancing Quantification of A Landscape Project's Environmental, Economic and Social Benefits: A Study of Landscape Architecture Foundation's Landscape Performance Series**
This dissertation has three foci: 1) review how performance is defined and quantified in different fields; 2) identify gaps in Landscape Architecture Foundation's CSI program and provide recommendations on standardized baseline information, quantification metrics and methods; and 3) create a framework to integrate costs in landscape performance quantification.
- 2013 **The Influence of Land Cover Pattern on Urban Heat Island Effect in Houston Area**
Worked as one of the three team members to compare land cover pattern change and air temperature change across seven weather stations in Houston in 1992 and 2006.
- 2012 **Case Study Investigation, Landscape Architecture Foundation. PI: Dr. Ming-Han Li, Bruce Dvorak. (\$6,720)**
Worked as a research assistant to conduct post-occupancy evaluation of exemplary design projects, in partnership with leading design firms.
Firm of collaboration: SWA Group, Houston; TBG, Dallas; Beijing Tsinghua Urban Planning & Design Institute, China.
- 2012 **Evaluation of the Ecological Performance of the Woodlands, TX**
Worked as one of the two team members to analyze the ecological performance of the Woodlands, TX, based on nine criteria categories: fitness with site/context; biodiversity; land conservation and habitat preservation; carbon storage and sequestration; energy conservation; water resource conservation; overall ecological stability; contextual considerations: fitness with place; and fitness with urbanism diversity, connectivity, public places.

- 2012 **Economic Viability of Stormwater Fee for Residential Property**
Worked as one of the two team members to analyze the economic viability of using storm water fee to promote BMPs installation in residential property by comparing costs and benefit of frequently used BMPs.
- 2005-2007 **Master Planning for an Environmental Education Center (EEC) on the Site of the Existing Logan City/Cache County Landfill and Surrounding Landscape**
Graduate Assistant: Site Inventory and Analysis, Visual Resource Analysis, Wildlife Habitat Restoration, Sustainable Planning for the EEC Visitors Center and Surrounding Landscape. (Received an Honor award and a Merit award from the Utah Chapter of ASLA in 2008.)
- 2002 **Study of Street and Neighborhood of Old District of Zunyi, China**
Research Tasks: Site Inventory and Analysis, Current Land Use, Architectural Study, Suggestion for Restoration of Green Spaces, Visual Simulation.
- 2000 **Study of Traditional Lifen Architecture in Wuhan, China**
Research Tasks: History of Lifen Architecture, Adaptability Analysis for Climate, Social and Economic Development, Function, Environment, and Neighborhood Association.

UNFUNDED PROPOSALS

- 2019 **LAF Research Grant in Honor of Deb Michell. (\$25,000)**
This proposal seeks funding to support a study that answers two main questions: 1) what specific elements in the physical environment contribute to stress reduction for university students, and why? 2) Is there a difference between perceived stress reduction and physiological measurements?
- 2019 **Global Fellowship. Supported by UF International Center. (\$5,000)**
This fellowship provide travel funding to help faculty build collaborative relationships with researchers from other countries.
- 2018 **Global Fellowship. Supported by UF International Center. (\$5,000)**
This fellowship provide travel funding to help faculty build collaborative relationships with researchers from other countries.
- 2018 **Explore the Potential of Using Twitter to Evaluate the Social Performance of Built Landscapes. Supported by California Landscape Architectural Student Scholarship (CLASS) Fund PI: Yi Luo. Co-PI: Yan Wang. (\$24,999)**
This study attempts to explore Twitter's potential usage in evaluating landscapes' social performance.
- 2018 **OLE Interdisciplinary Lab Curriculum Development to Combat Obesity in Young Children. PI: Yi Luo. Co-PI: Konstantinos Alexakis, Gurucharri Maria C. (\$14,9993)**
This project attempts to establish an interdisciplinary curriculum at two nationally recognized research universities in order to broaden the research and outreach of OLE!, which is an initiative that aims to combat obesity through the design and programming of naturalized, Outdoor Learning Environments (OLE!).
- 2016 **Site Analysis: Quantifying ecological implications given changes to the utility system - Express of Interests. Department of the Army - Engineer Research and Development**

Center, Corps of Engineers Construction Engineering Research Laboratory. PI: Samantha S. Kahl. Co-PI: Yi Luo, Sohyun Park. (\$500,000).

This project is to develop evaluation metrics for large-scale development to minimize natural and social-cultural impacts.

2016 **Optimizing Methods Research on Land Use Planning Based on Regional 3D-Model Stream Flow Simulation. National Science Foundation of China. PI: Jie Xu. Co-PI: Yi Luo, Zhao Zhang, Xiuwen Ma, Fujun Xia, Hui Chen, Shuaiqi Chen. (\$27,771.6)**

This project is to get instant feedback in urban land use changes, through cross-disciplinary and cross-scale 3D model.

2016 **USDA Higher Education Challenge (HEC) Grants Program - Changing the Bachelor of Landscape Architecture from a 5-year to a 4-year Program. PI: Charles Klein. Co-PI: Yi Luo and David Lawver. (\$150,000) (Under Review)**

This project includes three related efforts: 1) migrating the five-year curriculum to a proposed 4-year BLA program, 2) supporting the development of a 2+2 articulation agreement with two regional community colleges to help attract transfer students to the BLA program at Texas Tech, and 3) enhancing the MLA program by adding a Post Professional degree program.

2016 **Seed Grant for Interdisciplinary Research - A Multi-dimensional Measurement of Factors Contributing to Physical Inactivity in Rural America - A Case Study of Lubbock, TX. PI: Debajyoti Pati. Co-PI: Yi Luo and Ray Pentecost. (\$150,000)**

This project is to examine the level of physical activity among Lubbock residents, and potential factors contributing to it. This study will help develop strategies (physical design, public policy, etc.) to enhance quality of life and reduce the economic and social burden of the city.

2015 **Landscape Architecture Foundation Case Study Investigation 2016. PI: Yi Luo (\$7,840)**

This project is to evaluate landscape performance and quantify performance benefits of constructed and occupied high-performing landscapes.

Firm of collaboration:

- 1) DesignWorkshop
- 2) Beijing Tsinghua Tongheng Urban Planning and Design Institute

Projects to be studied:

- 1) Songhua Lake Resort Community, China
- 2) Qingdao Village, China
- 3) Yulong Park, Fuxin City, China

2015 **KRESS Digital Resources Grant - The History of Landscape Architecture Distance Education Development. PI: Yi Luo (\$23,119)**

This project is to explore new approaches to teach and learn the History of Landscape Architecture. The overarching goal is to develop the course to be delivered 100% on-line and provide a demonstration pedagogical model for the History of Landscape Architecture.

2014 **Landscape Architecture Foundation Case Study Investigation 2015. PI: Yi Luo (\$7,840)**

This project is to evaluate landscape performance and quantify performance benefits of constructed and occupied high-performing landscapes.

Firm of collaboration:

Beijing Tsinghua Tongheng Urban Planning and Design Institute

Projects to be studied:

- 1) Yulong Park, Fuxin City, China

2) Landscape Planning and Design of Huludao - Xingcheng Coastal Trail

- 2014 **TTU Worldwide Elearning - Development of New Distance Course. PI: Yi Luo (\$5,000)**
Course to be developed for online delivery:
 LARC 3404/5315 Landscape Architecture Site Construction and Development
- 2014 **TTU Worldwide Elearning - Development of New Distance Course. PI: Yi Luo (\$5,000)**
Course to be developed for online delivery:
 LARC 2302 Development of Landscape Architecture

PUBLICATIONS**Peer-Reviewed Journal Publication**

Shen, Y., **Luo, Y.**, Ke, M., Lan, S. (2019). Research on the Management Categories of Natural Protected Area System of China in the Context of National Park Framework. *Planner*.

Wang, Z., **Luo, Y.**, Zhao, Y., Liu, Y., Kato, S., Chen, K. (In the process of revision). Use of social media data to evaluate and prioritize the social benefits of urban parks. *Urban forest and urban greening*.

Luo, Y., Li, M.-H. (2016). Building Sponge City: Examples of Landscape Architecture Curriculum on Stormwater Management in the Unites States. *Landscape Architecture Frontiers*, 4(2): 62-77.

Li, M.-H., **Luo Y.** (2015). Sponge City: Overview of the 2015 International Low Impact Development Conference. *South Architecture*, 1(3): 8-13.

Luo, Y., Li, M.-H. (2015). Landscape Performance of Built Projects: Comparing Landscape Architecture Foundation's Published Metrics and Methods. *Landscape Architecture Special Issue*, 52-69.

Luo, Y., Li, M.-H. (2015). How does it change after one year? A comparison of benefit composition of the Landscape Architecture Foundation's published case study in 2011 and 2012/2013? *Landscape Research Record*, 2, 138-147.

Li, M.-H., Dvorak, B., **Luo, Y.**, Manskey, J. (2015). "Park Seventeen" Residential Roof Garden: Landscape Performance and Lessons Learned. *Landscape Research Record* 2, 148-156.

Luo, Y., Li, M.-H. (2014). Do social, economic and environmental benefits always complement each other? A study of landscape performance. *Landscape Architecture Frontiers*, 2(1): 42-56.

Li, M.-H., Dvorak, B., **Luo, Y.**, Baumgarten, M. (2013). Landscape Performance: Quantified Benefits and Lessons Learned from a Treatment Wetland System and Naturalized Landscapes. *Landscape Architecture Frontiers*, 1(4): 60-73.

Sun, N., **Luo, Y.**, Li, M.-H. (2013). Quantification of Landscape Performance for Built Projects through LAF's Landscape Performance Series – Case Studies of Beijing Olympic Forest Park and Tangshan Nanhu Eco-city Central Park. *Chinese Society of Landscape Architecture 2013 Conference Paper Collection*, 601-606.

Ready to be Submitted for Journal Publication

Luo, Y., Volk, M., & Chen, K. Is it reaching its goals? Longitudinal and Cross-sectional Comparative Analysis for an Urban Park in Florida.

Luo, Y., Mendenhall, A., Hempel, C., and Wei, J. Promoting Landscape Performance Measurement: A Collaborative Baseline Data Collection Experience.

Wu, B., **Luo, Y.**, Zhao, J., Mu, D., Cui, D., Review of Ecological Problems in Rural Areas of China Based on the Literature During 2013-2019.

Peer-Reviewed Presentation

Luo, Y., Volk, M., & Chen, K. (2020). Measuring the Landscape Performance of a Beloved Urban Park in Gainesville, Florida. Council of Educators in Landscape Architecture CELA0 Conference, March 18-21, 2020, Louisville, KY. [Canceled due to COVID-19]

Luo, Y., Chen, K., & Wei, J. (2020). Enhancing the Credibility of Landscape Performance Research: A Recommendation on Performance Baseline Assessment. Council of Educators in Landscape Architecture CELA0 Conference, March 18-21, 2020, Louisville, KY. [Canceled due to COVID-19]

Mendenhall, A., De Almeida, C., **Luo, Y.**, & Barnes, M. (2020). [Panel] All about that baseline data: collecting, assessing, and comparing pre- and post-project data. Council of Educators in Landscape Architecture CELA0 Conference, March 18-21, 2020, Louisville, KY. [Canceled due to COVID-19]

Chen, K., & **Luo, Y.** (2020). Social Media Utilization in Environmental Sciences: A Literature Review. Council of Educators in Landscape Architecture CELA0 Conference, March 18-21, 2020, Louisville, KY. [Canceled due to COVID-19]

Boenker, A., & **Luo, Y.** (2020). Restorative Campus Landscape Networks: Designing Mindfully. Council of Educators in Landscape Architecture CELA0 Conference, March 18-21, 2020, Louisville, KY. [Canceled due to COVID-19]

Luo, Y., Chen, K., and Wei, J. (2019). Promoting Landscape Performance Assessment: A Guideline on Performance Baseline Data Collection. International Association for Landscape Ecology (IALE) World Congress, July 1-5, 2019, Milano, Italy.

Luo, Y., Yang, B., and Li, S. (2019). Mitigating Conflicts Between Environmental, Economic and Social Benefits - Examining Ecosystem Services from an Ecological Wisdom Perspective. International Association for Landscape Ecology (IALE) World Congress, July 1-5, 2019, Milano, Italy.

Luo, Y., Yang, B., and Li, S. (2019). Doing Real and Permanent Good: Examining Landscape Performance Benefits from an Ecological Wisdom Perspective. Council of Educators in Landscape Architecture (CELA) Conferences, March 6-9, 2019, Sacramento, CA.

Yang, B., **Luo, Y.**, and Li, S. (2019). Social Benefits Assessment: Comparing Project Goals with Outcomes. Council of Educators in Landscape Architecture (CELA) Conferences, March 6-9, 2019, Sacramento, CA.

Luo, Y., Klein, C., and Watson, T. (2018). Improving the Performance of Residential Landscape in a Semi-Arid Urban Context. Council of Educators in Landscape Architecture (CELA) Conferences, March 21-24, 2018, Blacksburg, VA.

Luo, Y., Mendenhall, A., Hempel, C., Wei, J. (2017 Accepted-Forthcoming). Promoting Landscape Performance Measurement: A Collaborative Baseline Data Collection Experience. Council of Educators in Landscape Architecture (CELA) Conferences, May 26-29, 2017, Beijing, China.

Luo, Y., Li, M.-H. (2017 Accepted-Forthcoming). Building Sponge City in China: Examples of Landscape Architecture Curriculum on Stormwater Management in the United States. Council of Educators in Landscape Architecture (CELA) Conferences, May 26-29, 2017, Beijing, China.

Luo, Y., Li, M.-H. (2016). Building Sponge City: Example of Landscape Architecture Curriculum on Stormwater Management in the U.S. 2016 International Low Impact Development Conference. June 26-29, 2016, Beijing, China. Klein, C., Li, M.-H., **Luo, Y.,** Park, S. (2016). Five to Four: What Difference Does a Year Make? American Society of Landscape Architecture Texas Chapter Conference. April 27-29, 2016, Fort Worth, Texas.

Luo, Y., Li, M.-H. (2016). Integrating life-cycle costs with landscape performance: cost comparison and cost-benefit analysis. Council of Educators in Landscape Architecture (CELA) Conferences, March 23-26, 2016, Salt Lake City/Logan, Utah.

Luo, Y., Li, M.-H. (2015). Performance Measurement: Cross Disciplinary Comparison on Definition, Framework, Metric and Method in Landscape Architecture, Architecture, Urban Planning, and Transportation. Council of Educators in Landscape Architecture (CELA) Conference, March 24-28, 2015, Manhattan, Kansas.

Luo, Y., Li, M.-H. (2015). Landscape Performance of Built Projects: Comparing Landscape Architecture Foundation's Published Metrics and Methods. Council of Educators in Landscape Architecture (CELA) Conference, March 24-28, 2015, Manhattan, Kansas.

Li, M.-H., Dvorak, B., Manskey, J., **Luo, Y.,** Baumgarten, M. (2015). Imagined or Real? Landscape Performance Benefits of a Treatment Wetland System and Rooftop Garden in Texas. American Society of Landscape Architecture Texas Chapter Conference. April 22-24, 2015, Galveston, Texas.

Luo, Y., Li, M.-H. (2014). How does it change after one year? A comparison of benefit composition of the Landscape Architecture Foundation's published case study in 2011 and 2012? Council of Educators in Landscape Architecture (CELA) Conference, March 26-29, 2014, Baltimore, Maryland.

Li, M.-H., Dvorak, B., **Luo, Y.,** Manskey, J. (2014). "Park Seventeen" Residential Roof Garden: Landscape Performance and Lessons Learned. Council of Educators in Landscape Architecture (CELA) Conference, March 26-29, 2014, Baltimore, Maryland.

Luo, Y., Li, M.-H. (2013). Do social, economic and environmental benefits always complement each other? A study of landscape performance. Council of Educators in Landscape Architecture (CELA) Conference, March 27-30, 2013, Austin, Texas.

Li, M.-H., Dvorak, B., **Luo, Y.,** Baumgarten, M. (2013). Cross Creek Ranch Master Planned Community: Landscape Performance and Lessons Learned. Council of Educators in Landscape Architecture (CELA) Conference, March 27-30, 2013, Austin, Texas.

Wang Z.F., Volkman, N., **Luo, Y.** (2012). The ability of land use policies in sustaining the earth system – A study of top 50 cities in the United States. Council of Educators in Landscape Architecture (CELA) Conference, March 28-31, 2012, Champaign, Illinois.

Ellsworth, J.C., Kvarfordt, K.L., **Luo, Y.**, and Hamud, I.A. (2006). Master Planning an Environmental Education Center Complex for the Logan City/Cache County, Utah Solid Waste Sanitary Landfill, or ... I Want That in My Backyard! Council of Educators in Landscape Architecture (CELA) Conference in June 14-17, 2006, Vancouver, British Columbia.

Peer-Reviewed Research Report

Research reports on Landscape Performance Benefits of Depot Park. The study is funded by the Landscape Architecture Foundation (LAF)'S Landscape Performance Series, 2019 Case study Investigation Program. The reports were reviewed by the LAF Board Members.

<http://lafoundation.org/research/landscape-performance-series/case-studies/>

Research reports on Landscape Performance Benefits of four landscape projects. The study is funded by the Landscape Architecture Foundation (LAF)'S Landscape Performance Series, 2012 Case study Investigation Program. The reports were reviewed by the LAF Board Members.

<http://lafoundation.org/research/landscape-performance-series/case-studies/>

- (1) Cross Creek Ranch Master-Planned Community (Houston, Texas)
- (2) Park Seventeen Roof Top Garden (Dallas, Texas)
- (3) Beijing Olympic Forest Park (Beijing, China)
- (4) Tangshan Eco-City Central Park (Tangshan, China)

HONORS AND AWARDS

2016	CASNR Teaching Award (nominee)
2014	Department Head Prize, Texas A&M University
2013-2014	Dissertation Fellowship, Texas A&M University
2013	The Award of Excellence, 2013 Outstanding Paper Award of Chinese Society of Landscape Architecture
2012-2013	History Maker Homes Endowed Scholarship, Texas A&M University
2011	Fellow of the Graduate Teaching Academy, Texas A&M University
2008	Honor Award, American Society of Landscape Architects Utah Chapter
2008	Merit Award, American Society of Landscape Architects Utah Chapter
2005	Member of Sigma Lambda Alpha, The National Honor Society for Landscape Architecture
2005-2006	Incentive Tuition Scholarship, LAEP, Utah State University
2003-2004	Incentive Tuition Scholarship, 2003-2004, University of Guelph, Canada
1998-2002	First Prize Scholarship, Huazhong University of Science & Technology, China

PROFESSIONAL DEVELOPMENT

2019	Council of Educators in Landscape Architecture Continuing Professional Education Sessions
2018	Council of Educators in Landscape Architecture Continuing Professional Education Sessions
2017	Designing Early Childhood Outdoor Environments Certificate Program - Natural Learning Initiative, NC State University
2016-2017	TTU Institute for Inclusive Excellence Workshop, Lubbock, Texas

- 2016 American Society of Landscape Architects - Texas Continuing Professional Education Sessions
Council of Educators in Landscape Architecture Continuing Professional Education Sessions
- 2016 TTU Faculty Proposal Development Event Series, TLPDC, Lubbock, Texas
- 2016 TTU Worldwide Elearning Workshop, Lubbock, Texas
- 2015 Council of Educators in Landscape Architecture Continuing Professional Education Sessions
- 2015 Green Roof Workshop, Kansas State University,
- 2015

LEADERSHIP, SERVICE , AND VOLUNTEER WORK

- 2019 - present **Visiting Scholar Coordinator**
Department of Landscape Architecture
- 2018 - present **DRF Committee**
College of Design, Construction and Planning
- 2018 - present **Chapter Advisor**
Sigma Lambda Alpha - The National Honor Society for Landscape Architecture, UF Chapter
- 2018 - present **Commencement Marshal**
College of Design, Construction and Planning; University of Florida
- 2018 - 2019 **Technology Committee**
Department of Landscape Architecture, University of Florida
- 2016 - present **CELA Track Chair - Design Implementation**
Council of Educators in Landscape Architecture
- 2016 - present **Executive Secretary/Treasurer**
Sigma Lambda Alpha - The National Honor Society for Landscape Architecture
- 2017 - 2018 **Senior Project Product Mentor**
Talkington School of Young Women Leaders, Lubbock, TX
- 2017 - 2018 **Steering Committee**
Texas Tech University Chinese Faculty & Staff Association
- 2017 **Landscape Architecture Faculty Search Committee Chair**
Department of Landscape Architecture, Texas Tech University
- 2015 - present **Technology Committee Chair**
Department of Landscape Architecture, Texas Tech University

- 2014 - present **Strategic Planning & Visioning Committee**
College of Agricultural Sciences and Natural Resources, Texas Tech University
- 2014 - present **Paper Reviewer**
Landscape Research. Taylor & Francis
Landscape Journal. Madison, WI: University of Wisconsin Press.
Sustainability. MDPI
Applied Science. MDPI
Landscape Research Record. Council of Educators in Landscape Architecture.
Landscape Architecture. Beijing Forestry University Press.
- 2014 - present **Abstract Reviewer**
Council of Educators in Landscape Architecture Landscape Performance Track
Council of Educators in Landscape Architecture Design Implementation Track
Council of Educators in Landscape Architecture Urban Design Track
- 2014 - present **Community Service/Outreach**
Building a Resilient Park System in Port St. Joe, FL
Suncoast Waldorf School Playground, Palm Harbor, FL
East Gainesville Community Hub Planning and Design, Gainesville, FL
West Texas Museum Outdoor Learning Environment Design, Lubbock, TX
Ransom Canyon Ranch House Renovation Design, Ransom Canyon, TX
Roy Furr Pioneer Park Renovation Design, Lubbock, TX
Sondra's Songs Soar to Succeed Community Garden Design, Lubbock, TX
Ransom Canyon Chapel Landscape Planning and Trail System Design, Ransom Canyon, TX
Rush Pool Renovation Design, Lubbock, TX
- 2012-2013 **End of Semester Review Committee**
Dept. of Landscape Architecture and Urban Planning, Texas A&M University
- 2011-2012 **Vice President of Urban and Regional Science Student Organization**
Dept. of Landscape Architecture and Urban Planning, Texas A&M University

SELECTED DESIGN PROJECTS

Spanish Valley Regional Plan, Grand & San Juan County, Utah

Involved in ArcGIS-based analysis and planning for the 20,000-acre site.

Grapevine Wash Master Plan, Grapevine wash, Southern Utah

Involved in conceptual design and master planning of the 400-acre new urbanism neighborhood development.

Master Planning for Logan City/ Cache County Landfill Closure, Logan, Utah

Involved in master planning and redesigning the Logan landfill to an environmental education center.
Responsible for the architectural design of the visitor center and landscape design of the surrounding areas.

Riverbend Northwest Quadrant Master Planning, Salt Lake City, Utah

Involved in design development and presentation graphics of a new urbanism development project.

Rexburg Property Mixed-Use Community Development, Rexburg, Idaho

Involved in conceptual design, master planning, and presentation graphics of a master planned community.

Westminster TOD Project, Westminster Colorado

Involved in ArcGIS-based site inventory, analysis and concept designs.

Master Plan for Luohe Commercial Center, Luohe, China

Involved in master planning of the commercial center.
Responsible for architectural design of the shopping mall.

St. Regis Snow Park, Deer Valley, Utah

Involved in planting design of the site.

St. George Open Space Master Plan

Involved in conceptual design and master planning.

Logan City/ Cache County Environmental Education Center Visitors Center, Logan, Utah

Responsible for the architectural design of the building and master planning of the surrounding landscapes.

SKILLS

Computer

Proficient in: AutoCAD, ArcGIS, Adobe Photoshop, Adobe InDesign, Google SketchUp, Microsoft Office Suite
Familiar with: Fragstats, PASSAGE, Programita

Free-Hand

Proficient in: Sketch, Drafting, Rendering