

CURRICULUM VITAE

BRUCE DVORAK, PLA, FASLA

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Education

Master of Landscape Architecture (1994) University of Illinois, Urbana/Champaign (Second professional degree)
Master's Thesis: Reading the margins: perceptions of east-central Illinois farmland, Dr. William C Sullivan (chair)

Bachelor of Landscape Architecture (1988) University of Minnesota, Twin Cities (5-year BLA)
The Ohio State University (1984-1987) Coursework in BLA program, transferred to U of M
St. Louis Community College (1981-1983), Florresent Valley, Coursework in Commercial Art, transferred to OSU

Professional Registrations & Certifications

Landscape Architect. Texas (by reciprocity) Number 2472 (active), Illinois (by exam), Number 157001235 (inactive)

Academic Awards, Recognitions & Honors

- 2021** ***THE DIRT's best books of 2021*** placed *Ecoregional Green Roofs: Theory and Application in the Western USA and Canada*, B. Dvorak, editor, number 4 of 11
- 2021** ***Honor Award | Research***, American Society of Landscape Architects, *Ecoregional Green Roofs: Theory and Application in the Western USA and Canada*, B. Dvorak editor, November 20
- 2018** ***Merit Award | Research***, Texas Chapter of American Society of Landscape Architecture, for *Green roof vegetation for North American ecoregions: A literature review*, April 19, 2018
- 2017** ***Award of Research Excellence*** from the international organization *Green Roofs for Healthy Cities*, awarded to one researcher annually
- 2016** ***Green Roof and Wall Award of Research Excellence Award***, given to Dr. Richard Sutton, for *Green Roof Ecosystems*, Edited book by Dr. Richard Sutton. My Chapter "Eco-Regional Case Studies," was one of 17 chapters and was one of twenty-two invited authors
- Most Influential Faculty Mentor/Teacher Recognition*** from Colonel Gerald L. Smith, Director Texas A&M University Veteran Resource & Support Center for my mentoring Randy R. Breeding, MLA 2016.
- 2013** ***Invited Editorial Board Member***, *Journal of Living Architecture* (2013-present)
- Excellence in Teaching Award***, Junior Level, Council of Educators in Landscape Architecture. International award to one individual each year. March 28, Austin Texas
- 2012** ***Faculty Research Fellow***, Landscape Architecture Foundation, Case Study Investigation. One of twelve international researchers awarded in 2012

2009 ***Second Place***, Top Ten Presentation Awards (of 168 presentations), Delft Technical University, Third International Conference on Smart and Sustainable Built Environments. From Building to Promise Building Smartly in a Changing Climate, Netherlands, June 19

2008 ***Faculty Teaching Academy***, Center for Teaching Excellence Certificate, March 15

Award to Students as Mentor or Studio Teacher

2021 ***Outstanding Thesis Award 2020-2021*** (Non-Traditional Thesis/Project) Council of Southern Graduate Schools, Niti Tatara, for "Healing in the City." Design of a healing roof garden in fulfillment of the MLA Final Study. Awarded to one student in the Council of Southern Graduate Schools. Dr. Chanam Lee (Chair), **Bruce Dvorak** (Member), Dr. Zhipeng Lu (Member)

Honor Award | Planning and Analysis, Texas Chapter American Society of Landscape Architects, "Healing in the City" Niti Tatara, MLA, Faculty Mentors: Dr. Chanam Lee (Chair), Prof. **Bruce Dvorak** (Member), Dr. Zhipeng Lu (Member)

Merit Award | Planning and Analysis, Texas Chapter American Society of Landscape Architects, "Firescaping along the Spring Creek Green Belt" (LAND 620 Studio), Quanli Du, Faculty Instructors: Prof. **Bruce Dvorak** and Prof. Chip Winslow

2020 ***Honor Award | Student Collaboration***, American Society of Landscape Architects, "Custom Living Wall from Industrial Waste-stream," Haoyue Yang, ASLA; Panwang Huo AIA; Niti Tatara, ASLA; Karishma Joshi, ASLA; Yuanjia Yang, ASLA; Yu Shi, Faculty Advisors: **Bruce Dvorak**; Ahmed Ali, November

Best MLA Final Study, Department of Landscape Architecture and Urban Planning, Texas A&M University, Niti Tatara 'Healing in the City', Committee members Dr. Chanam Lee (Chair), **Bruce Dvorak** (Member), Zhipeng Lu (outside Member)

Merit Award General Design, Texas Chapter American Society of Landscape Architects, "Custom Living Wall System," Haoyue Yang, ASLA; Panwang Huo AIA; Niti Tatara, ASLA; Karishma Joshi, ASLA; Yuanjia Yang, ASLA; Yu Shi, Faculty Advisors: **Bruce Dvorak**; Ahmed Ali, Annual Conference San Antonio, Texas, Wednesday, April 8

2018 ***Celebration of Excellence Award***, Department of Architecture, Texas A&M University, Panwang Huo, MArch Final Study, Chair: Dr. Ahmed Ali, Dr. Liliana Beltran, Member, Prof. **Bruce Dvorak**, Member, Prof. Ray Holiday, studio instructor

Third Prize City of Guelph Market Hall International Design Competition, Panwang Huo, MArch, Chair: Dr. Ahmed Ali, Dr. Liliana Beltran, Member, Prof. **Bruce Dvorak**, outside Member, Prof. Ray Holiday, studio instructor

2017 ***Celebration of Excellence Award***, Department of Architecture, Texas A&M University, Semifinalist Andrew Gazda, "Gap to Gateway" the transformation of a negative limit into a positive one, Chairs: O'Brien, Roldan and B. Dvorak as outside Member

2016 ***Merit Award***, Texas Chapter, American Society of Landscape Architects, "Transportation Planning for Bryan/College Station" for Tiantian Lyu, Kendall Raabe & Jingwen Lu, April 28, 2016 (Interdisciplinary studio, lead instructor spring 2013)

Merit Award, Texas Chapter, American Society of Landscape Architects, "Post Oak Mall Retrofit" Student Team: Yuxian Li, Xin Shu, and Qiushuo Li (Interdisciplinary studio, lead instructor spring 2013)

Merit Award Planning and Analysis Student Award, American Society of Landscape Architects, "Sifting the Landscape: Transforming Vacant Landscape with Smart Decline," Dayton, Ohio, Yuxian Li, October 21 Final Study Committee, Dr. Galen Newman (Chair), **Bruce Dvorak** (Member)

2014 **Honor Award General Design**, Texas Chapter, American Society of Landscape Architects, for Kenley Reed undergraduate student in (CARC 301) study abroad, Bonn, Germany, "*Koln Konzept: Auf Die Neu Grossmarkt*," April 3. (Interdisciplinary studio instructor, Bonn, Germany)

Honor Award, Analysis and Planning, for Jacob Tannenbaum and Tania Hernandez undergraduate students in (CARC 301) study abroad, Bonn, Germany, "Greenway to the Rhine," Texas Chapter, American Society of Landscape Architects, April 3. (Interdisciplinary studio instructor, Bonn, Germany)

2013 **Honor Award**, Texas Chapter, American Society of Landscape Architects, "Design with Metrics: an Urban Conservation Development," graduate studio team, May 4. (Studio instructor)

2012 **Merit Award**, for graduate students in (LAND 603) Summer II, 2011 studio project "Creation of a New Downtown Core with Sustainable Practices" in the Graduate Division-Analysis and Planning category, April 4. (Studio instructor)

2011 **Honor Award**, Texas Chapter, American Society of Landscape Architects, "Effect of Low Impact Development (LID) on a University Campus" in the Graduate Division-Analysis and Planning category, Nashi Bu, James Montano, Prajakta Kedar, Xuemei Luo, Aaron Eaquinto, Mark Swapp, Adam Nugent, Dizi Shi, Xin Yang, Alisa Dawson, Yosuke Tomianga, Yi Xue, April 29. (Studio instructor)

2009 **Award of Excellence** (top category possible for only one project), from the Texas Chapter, American Society of Landscape Architects, for "A Fung-Shui-Based Urban Design & Site Design," Xun Sun, MLA Final Study, Dr. Changshan Huang (Chair), **Bruce Dvorak** (Member)

Employment History

Present

2023- **Professor**, Texas A&M University, College of Architecture, Department of Landscape Architecture and Urban Planning, College Station, Texas.

2015- **Coordinator**, Master of Landscape Architecture Program, Texas A&M University, College of Architecture, Department of Landscape Architecture and Urban Planning, College Station, Texas.

Previous

2014- **Associate Professor**, Texas A&M University, College of Architecture, Department of Landscape
2023 Architecture and Urban Planning, College Station, Texas.

2007- **Assistant Professor**, Texas A&M University, College of Architecture, Department of Landscape
2014 Architecture and Urban Planning, College Station, Texas.

2007- **Landscape Architect**, Living Habitats, LLC, Chicago, Illinois. Landscape architecture and
2004 master planning.

- 2004-1999** **Associate**, Conservation Design Forum, Inc. Associate, Elmhurst, Illinois. Landscape architecture and master planning.
- 1998-1995** **Landscape Designer**, Kurahashi & Associates, Portland, Oregon. Landscape architecture and master planning.
- 1995-1994** **Research Assistant**, University of Illinois, Urbana/Champaign, Department of Natural Resources and Environmental Sciences. Sustainable agriculture planning, design, and evaluation.
- 1994-1993** **Research Assistant**, University of Illinois, Urbana/Champaign, Department of Natural Resources and Environmental Sciences. Visual corridor assessment and planning at the urban growth boundary.
- 1992** **Research Assistant**, University of Illinois, Department of Horticultural Sciences. Visual corridor assessment and planning at the urban growth boundary.
- 1992** **Teaching Assistant**, University of Illinois, Department of Horticultural Sciences. Residential landscape design.
- 1991** **Teaching Assistant**, University of Illinois, Department of Landscape Architecture. Site grading and drainage.
- 1991-1989** **Landscape Designer**, James Martin & Associates, Vernon Hills, Illinois. Commercial and residential design.
- 1988** **Intern**, Martin & Pitz Associates – Minneapolis, Minnesota. March-May.

Affiliations

Council of Fellows— American Society of Landscape Architects, Knowledge (November 2022)
Fellow – Microclimatic Design Research Group, College of Architecture, Texas A&M University (Fall 2021)
Executive Director – Southern Great Plains Living Roof Center of Academic Excellence (2021)
LAUP Senior Schob Scholar – Senior Schob Program (April 6, 2021)
Columnist – *Living Architecture Monitor* Plant Profile (since February 2021)
Fellow – Center for Health Systems and Design (since 2014)
Member – Editorial Board, *Journal of Living Architecture* (since 2013)
Research Fellow – Landscape Architecture Foundation (2012)
Member – Urban Soils Task Force, Soil Science Society of America (2012-2014)
Member – (1268383), ASTM International, Green Roof Standards Subcommittee E60.01 (2009-2014)
Member— Green College Station Technical Advisory Committee (2009-2011)
Member – Green Roofs for Healthy Cities (since 2008)
Member – Green Roofs for Healthy Cities Research Committee (since 2008)
Member – International Council for Research and Innovation in Building and Construction (2007-2013)
Member – Council of Educators of Landscape Architecture (since 2007)
Member – Texas A&M University Graduate Faculty (since 2007)
Member – American Society of Landscape Architects (since 1996)

RESEARCH

Research Funding and Project Funding Awarded (internal and external)

- 2023** Invited keynote, Living Roofs for Living Cities, University of Georgia, Continuing Education Program, February 1, 2023 (\$500.00, external).
- 2022** Case Studies of Biodiverse Living Roofs with the Living Architecture Academy, Green Roofs for Healthy Cities (MOA for online teaching course, external).
- 2022** Ecoregional Green Roofs for Sustainable Development, Regional Center for Living Architecture, Colorado State University, Denver, Colorado, July 28 (\$500 honorarium).
- 2022** Invited keynote, "Ecoregional Green Roofs for Sustainable Development in Texas and Beyond" includes external funding by the American Society of Architects and the American Society of Landscape Architects Texas Chapter (\$1,700 honorarium, external).
- 2019** Invited lecture and workshop. Fay Jones School of Architecture and Design, Green Roof Charrette. University of Arkansas. Green Roofs on Campus, March 15, 2019 (\$1,500 honorarium, external).
- 2018** Awarded Faculty Development Leave, Fall 2018 (Research Semester), Texas A&M University. Salary covered with no teaching or service commitments.
- 2017** (PI) Ali, Ahmed, **Dvorak, Bruce** (Co-PI), "Green Building Skins: A multi-functional living wall fabricated from industrial waste," \$30,000, sub-project to Dr. Ali's Texas A&M University Tier-One Program (\$300,000 total grant).
- 2017** (PI) Dvorak, Bruce, "City of Conroe, Arboretum Site Reconnaissance and MLA Final Study," \$10,000.00 (external). Funded faculty and graduate student (external).
- 2016** (PI) Dvorak, Bruce, "Camp Eagle Master Plan Restoration MLA Final Study" \$4,000.00 (external). Funded faculty and graduate student MLA (external).
- 2015** (PI) Dvorak, Bruce, Dr. Jeremy Merrill (Co-PI), "Schob Nature Preserve Prairie Planting and Interpretation" \$3,000. Funded site installation, interpretation, and graduate student as part of Schob Mini grant).
- 2015** (Co-PI) *Bryan Urban Farmers' Market*, COA High-impact interdisciplinary Service-Learning Design-build Community Project, Ahmed K. Ali, Ben F. Bigelow, **Bruce Dvorak**, Michael O'Brien, Shannon Van Zandt, \$20,000, Texas A&M University. Project supported 2 MLA Final Studies.
- 2014** (Co-PI) **Bruce Dvorak** LAUP, (Wei Li, LAUP (Co-PI), Xuemei Xue, ARCH, (Co-PI), Galen Newman, LAUP, *A High-Impact Interdisciplinary Educational Service Learning Experience in Sustainable Transportation and Healthy Cities*. College of Architecture Leadership Team, Texas A&M University. \$15,000. College of Architecture Leadership Team, Texas A&M University. \$15,000. Supported MLA studio project.
- 2012-2016** (Co-PI) Multidisciplinary Experiential Learning with Green Roof Technology, \$300,000, Texas A&M Project funded to the College of Architecture (**33%**), College of Geosciences (33%), and the College of Agriculture and Life Sciences (33%).
- 2012** (Co-PI) Landscape Architecture Foundation Case Study Investigation, Four Projects. \$6,720 (external).
- 2009** (PI) The College Research and Interdisciplinary Council (CRIC) funded my proposal, "A Green Roof Pilot Study at Texas A&M Architecture Center Langford Building A." \$10,000 (3-24-09) (100%).

2003 (Co-PI) Illinois Environmental Protection Agency & Conservation Design Forum, Green Roof Research Monitoring Project, Elmhurst, Illinois. \$150,000 for design, implementation, and outreach (external).

PUBLICATIONS *indicates student

Journal Articles (Peer-reviewed)

Mohsen Shah, Majid Hosseinzadeh, **Bruce Dvorak**, Farzaneh Bordbar, Hamid Shahmohammadmirab, Nasrin Aghamohammadi, "Sustainable green roofs: A comprehensive review of influential factors," *Journal of Environmental Science and Pollution Research*, (2022) 1-27.

Dvorak, Bruce, *Shijia Yang, *Tess Menotti, *Zane Pace, *Salonee Mehta, and Ahmed K. Ali. 2021, "Native Plant Establishment on a Custom Modular Living Wall System in a Humid Subtropical Climate." *Urban Forestry & Urban Greening*, 63, 127234. Journal impact factor: 4.63.

Mowrer Jake, Merrill Jeremy, Conlee Don, *Marble Joseph, **Dvorak Bruce**. 2019, "Rooftop urban agriculture for the small stakeholder," *Journal of Living Architecture* 6(2): 1-16.

J Park, JH Kim, **B Dvorak**, DK Lee, 2018. "The Role of Green Roofs on Microclimate Mitigation Effect to Local Climates in Summer," *International Journal of Environmental Research*, Volume 12, Issue 5, pp 671–679. Journal impact factor: 3.39.

Dvorak, B., 2017. "Regulating Lines: Making Use of Imaginary Lines and Design Principles in the Studio," *Science Journal of Education*, 5(5), 225-231.

*Laminack, Kirk, **Dvorak, Bruce**, Volder, Astrid, 2014, "Substrate loss is minimal in vegetated and un-vegetated extensive roof, modules over a 14 month period," *Journal of Living Architecture*, 1(4) 1-14.

Dvorak, B., Byerley, B. and Volder, A., 2013. "Plant species survival on water conserving green roofs in Texas," *Journal of Living Architecture* 1(1):1-14.

Li, Ming-Han, **Dvorak, Bruce** and *Yi, Luo, 2013. "Landscape Performance: Quantified Benefits and Lessons Learned from the Design, Employment and Perception of a Treatment Wetland System and Naturalized Landscapes," *Landscape Architecture Frontiers*, 4(1):56-69.

Volder, A. and **Dvorak, B.**, 2013. Event size, media water content and vegetation affect storm water retention efficiency of an un-irrigated extensive green roof system in Central Texas, *Sustainable Cities and Society* (May, 2013 online). Journal impact factor: 8.43.

Dvorak, B. D. and Volder, A., 2012. Plant establishment on unirrigated green roof modules in a subtropical climate. *AoB Plants*, (2013) 5: pls049 doi: 10.1093/aobpla/pls049 pp. 1-10. Journal Impact Factor 3.276.

Dvorak, B. and Volder, A., 2012. Rooftop temperature reductions from unirrigated modular green roofs in south-central Texas, *Urban Forestry & Urban Greening*, Vol. 11(4), pp. 28-35. Journal impact factor: 4.63.

Dvorak, B., 2011. Comparative Analysis of Green Roof Guidelines and Standards in Europe and North America, *Journal of Green Building*, Vol. 6 (2), pp. 170-191. Journal impact factor: 0.91.

Aitkenhead-Peterson, J. A., **Dvorak, B.**, Volder, A. and *Stanley, N., 2010. Chemistry of growth medium and leachate from green roof systems in south-central Texas. *Urban Ecosystems*, 14 (1), pp. 17-33. Journal impact factor: 2.78.

Dvorak, B. and Volder, A., 2010. Green roof vegetation findings for North American ecoregions: A literature review. *Landscape and Urban Planning*, 96 (4), pp. 197-213, 5-Year Journal Impact Factor: 6.142.

Journal Articles Under Review

Kio, Patricia, Ali, Ahmed, **Dvorak, Bruce**, "Byproduct Reuse: From Scrap to Modules in Modular Living Wall Systems" (Under Review March 2022).

Books (peer-reviewed)

Dvorak, B. Editor, (2021) *Ecoregional Green Roofs: Theory and Application in the Western USA and Canada, Cities and Nature*, Springer International, Cham, Switzerland, 619 pp. (Digital and print 2021)

Book Chapters (peer-reviewed)

Dvorak, B. (2021) Ch 1. Introduction to Ecoregional Green Roofs, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 38 pp.

Dvorak, B., Bousselot, J. (2021) Ch 2. Theoretical Development of Ecoregional Green Roofs, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 39 pp.

Dvorak, B., Skabelund, Lee R. (2021) Ch 3. Green Roofs in Tallgrass Prairie Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 61 pp.

Dvorak, B., Bousselot, J. (2021) Ch 4. Green Roofs in Shortgrass Prairie Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 59 pp.

Dvorak, B., Coseo, P. (2021) Ch 5. Green Roofs in Desert Southwest Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 56 pp.

Dvorak, B., Woodfin, T. (2021) Ch 6. Green Roofs in Intermontane Semi-Arid Grassland Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 58 pp.

Dvorak, B., Drennan, P. (2021) Ch 7. Green Roofs in California Coastal Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 76 pp.

Dvorak, B., Rottle, N. (2021) Ch 8. Green Roofs in Puget Sound Lowland Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 61 pp.

Dvorak, B., Starry, O. (2021) Ch 9. Green Roofs in Willamette Valley Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 57 pp.

Dvorak, B., Roehr, D. (2021) Ch 10. Green Roofs in Fraser Lowland and Vancouver Island Ecoregions, in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 51 pp.

Dvorak, B., Skabelund, L. (2021) Ch 11. Ecoregional Green Infrastructure and Future Outlook in B. Dvorak, *Ecoregional Green Roofs, Cities and Nature*, Springer International, 39 pp.

Book Chapters (Invited/peer-reviewed)

Dvorak, B. Ali, Ahmed, 2016. "Urban Agriculture Case Studies in Central Texas: From the Ground to the Rooftop," *Urban Agriculture*, pp 20.

Dvorak, B., 2015. Chapter 16 "Case Studies of Constructed Eco-regional Green Roofs," in *Green Roof Ecosystems*, edited by Richard Sutton, pp.391-422.

Li, M.-H., **Dvorak, B.**, and *Sung, C. Y., 2010. "Bioretention, Low Impact Development, and Stormwater Management," in *Urban Ecosystem Ecology* edited by Dr. Jacqueline Aitkenhead-Peterson and Dr. Astrid Volder, pp. 413-430.

U.S. Patents

Ali, Ahmed K., **Dvorak, B.**, *Huo, P., *Joshi, K., & *Tataria, N. (2019). *OffalPot: Living Green Wall with Separate Planting Containing Module*. United States Patent and Trademark Office. Filled on April 30, 2019. Application No: 62840868. Serial No: 62/840,862. Reference No: 5027TAMU19 (provisional).

Conference Papers (Peer-reviewed)

Dvorak, B., Woodfin, Thomas, 2022. *Revegetating a custom living wall system*, Paper accepted for presentation at Cities Alive, Philadelphia, PA, October 16-19.

Ali A., Kio, P., **Dvorak, B.**, 2021. *Urban Vertical Greening through Circular Economy*, Paper presented at the Seventeenth International Conference on Environmental, Cultural, Economic & Social Sustainability, at Vrije Universiteit Amsterdam, Amsterdam, Netherlands, February 24-26, pp. 1-12.

Ali A., **Dvorak, B.**, 2019, Cultivating research: resource-based design as an activating agent for energy and water conservation, ARCC Annual Meeting and Conference, Toronto, ON, pp. 526-532.

Dvorak, B. 2016, *Managing Stormwater with Green Roofs: Findings From North American Research*, Landscape Research Record, No. 3. Council of Educators in Landscape Architecture, October, pp. 39-52.

Dvorak, B. 2014, Laminack, K., Volder, A., Conlee, D., Living wall plant survival in a hot-humid climate, 12th Annual Green Roof & Wall Conference, Nashville, November 12-15, 2014, pp. 1-10.

Li, Ming-Han, **Dvorak, Bruce**, *Yi, Lou, Manskey, Jim, 2014, "Park Seventeen Roof Garden: Landscape performance and Lessons Learned," *Landscape Research Record*, (2) pp. 148-156. HSW

Dvorak, B., Byerley, B. and Volder, A., 2012, Plant Species Findings From Three Water Conserving Green Roofs in Texas, Paper presented at the Tenth Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Chicago, Illinois, October 17-19, pp. 1-10. HSW

- Dvorak, B.**, 2012, Managing stormwater with green roofs: findings from North American research, CELA Conference, Finding Center, the University of Illinois, Urbana, Illinois, March 27-30, pp. 1-10.
- Dvorak, B.**, Volder, A. and Aitkenhead-Peterson, J. A., 2011, Stormwater Retention Findings from Unirrigated Green Roofs in Texas, Paper presented at the Ninth Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Philadelphia, Pennsylvania, November 30-December 3, pp. 1-10. HSW
- Dvorak, B.** and Volder, A., 2011, Green Roof Plants: Strategies for Success, CELA Conference Urban Nature, Los Angeles, California, March 30th-April 2, pp. 1-12. HSW
- Dvorak, B.**, 2010, Rooftop Temperature Reductions with Green Roof Technology in Central Texas, 2010 Symposium on Improving Building Systems in Hot and Humid Climates, Austin, Texas, August 24-25, pp. 1-7.
- Dvorak, B.**, 2009, Plant Establishment and Micro-Climate Assessment Findings for Low-input Modular Green Roof Trays in a Subtropical Climate: moving towards low-input green roof design. Paper presented at the First World Green Roof Infrastructure Congress, Toronto, Ontario, Canada, October 19-21, pp. 1-8
- Dvorak, B.**, 2009, The Chicago City Hall Green Roof Pilot Project: A Case Study, CIB-International Council for Research and Innovation in Building and Construction, Delft Technical University. Presented at the Third International Conference on Smart and Sustainable Built Environments. From Building to Promise Building Smartly in a Changing Climate, Netherlands, June 15-19, pp. 1-8.
- Dvorak, B.**, 2009, Constructing with Green Roof Technology. Paper presented at the CELA Teaching + Learning Landscape Conference, Tucson, Arizona, January 14-17, pp. 120-124. HSW
- Dvorak, B.**, and Carroll, K., 2008, Chicago City Hall Green Roof: Its Evolving Form and Care. Paper presented at the Sixth Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Baltimore, Maryland, May 1-3, pp. 1-10. HSW
- Dvorak, B.**, 2004, A Green Roof Comparison Project: The Illinois EPA-CDF Green Roofs for Healthy Cities. Paper presented at the Second Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Portland, Oregon, June 2-4, pp. 1-10.
- Dvorak, B.**, 2003, The Greening of a Nature Museum –A Demonstration Project, Green Roofs for Healthy Cities. Paper presented at the First Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Chicago, Illinois, May, pp. 1-10.
- Dvorak, B.**, and de la fleur, M., 2003, The Emerging Culture of Green Roof Technology, Paper presented at the ASLA National Annual Meeting in New Orleans, Louisiana, October, pp. 1-7. HSW

Conference Abstracts (Peer-reviewed)

- Elizabeth Morris, **Bruce Dvorak**, et. Al., Panel - Biodiversity and Living Architecture, *Cities Alive International Green Roof and Wall Conference*, Philadelphia, PA, October 18, 2022.
- Dvorak B.**, Skabelund, L., “*Biodiverse and Resilient Living Roofs: theory and principles for success*,” CELA Annual Conference, March 16-19, 2022.
- Dvorak B.**, Bousselot, J., Skabelund, L., “Living Roof Plant and Biodiversity Research in the Great Plains (United States), Green Roofs for Healthy Cities, (Virtual), November 8-9, 2021.

Dvorak B., “RE: Beyond Sedum” (Virtual), Texas ASLA Annual Meeting, Galveston, TX, April 28, 2021. HSW

Dvorak, B., Woodfin, T., “Rethinking Landscapes: LID Facilities as a New Form of a Natural Garden?,” CELA Annual Conference (Virtual), Albuquerque, NM, March 17 and 20, 2021. CEU

Dvorak, B. Pilot Testing Vegetation on a Custom Living Wall System, Health & Wellness Resilience through Integrated Green Infrastructure Design, Cities Alive Virtual Conference, October 23, 2020. (virtual presentation) CEU

Dvorak, B., Coseo, P., Russell, V., Skabelund, L., Li, M.H, “Learning by Doing: Green Infrastructure on Campus,” Panel, CELA Annual Conference, Louisville, KY, March 17-21, 2020.

Dvorak, B., *Joshi, K., *Tataria, N., Plant Survival Trials on a Custom Living Wall System, CELA Annual Conference, Sacramento, CA, March 5, 2019.

Bernard E., **Dvorak B.**, Jones D., Shearer A., Engaged Education: Teaching and Research for Texas, Texas ASLA Annual Meeting, Galveston, TX, April, 2018. Invited panel speaker.

Dvorak, B. Implementing Green Roof technology in a subtropical climate, Council of Educators in Landscape Architecture, Beijing, China, May 2017.

Dvorak, B. Regulating Lines making use of imaginary lines and landscape design creativity, Council of Educators in Landscape Architecture, Beijing, China, May 2017.

Dvorak, B. Conservation Planning with Biodiverse Building Skins: a framework for employing landscape ecology in cities, Second International Conference for Ecological Wisdom, Austin, Texas, November 17-10, 2016.

Sutton, R., **Dvorak, B.**, Carlisle, S., Green Roof Ecosystems: Connecting research, design, and performance, ASLA National Convention, New Orleans, LA, October 25-28, 2016. HSW

Sutton, R., **Dvorak, B.** Green Roof Ecosystems: Integrating Research and Design, Central States ASLA Conference, Little Rock, Arkansas, April 13-15, 2016. HSW

Dvorak, B., McCann, D., Andrade, L., Moser, N., Vertical Gardens: lessons learned from living wall pioneers in Texas, Texas ASLA Annual Conference, Fort Worth, Texas, April 28, 2016. Panel (moderator) HSW

Merrill, J., **Dvorak, B.**, & *Breeding, R. (2016, March). *Do You Eat Your Greens?* Council of Educators in Landscape Architecture, Salt Lake City, UT.

Dvorak, B., Plant Viability Trials for Shallow Extensive Green Roofs in Central Texas, International Low Impact Development Conference, Houston, Texas 1-19-21, 2015. HSW

Dvorak, B., Living Walls in a Sub-tropical Climate: insights and lessons learned from three student-led projects, Council of Educators in Landscape Architecture, Manhattan, Kansas, 3-24-28, 2015 HSW

Boyer, M., **Dvorak, B.**, Skabelund, L., Sutton, R., Woodfin, T., Out of the Classroom, onto the Roof, Council of Educators in Landscape Architecture, Manhattan, Kansas, 3-24-28, 2015 HSW Invited Panelist

Baumgarten, M., **Dvorak, B.**, Li, M., Manskey, J., Lou, Y., Imagined or Real? Landscape Performance Benefits of a Treatment Wetland System and Rooftop Garden in Texas, Texas ASLA Annual Meeting/Conference, Galveston, Texas, 4-23, 2015. HSW

Dvorak, B., *Laminack, K., Volder, A., Conlee, D. "Plant Viability Trials for Shallow Extensive Green Roofs in Central Texas, LID Conference," Houston Texas, January, 19-21, 2015). HSW

Cameron, Robert, **Dvorak, Bruce**, Retzlaff, Bill, Rowe, Bradley, Russell, Virginia, Spolek, Craig, Tilley, David, "What Green Roof and Wall Research is Going on at North America's Universities" 12th Annual Green Roof & Wall Conference, Nashville, November 12-15, 2014 (Panel) HSW

Dvorak, Bruce, Li, Ming-Han, "Landscape Performance Measures for Four High-profile Projects in Germany: Lessons Learned from a Semester on Study Abroad," CELA Conference, Morgan State University, University of Maryland, College Park, Baltimore, MD, March 27-30, 2014. HSW

*Kim Y-J, Lee C, Zhu X, **Dvorak B.** and Klein A. (2014). "Disproportionate Conditions of Built and Natural Environments on Children's Active Travel to School," CELA Conference, Morgan State University, University of Maryland, College Park, Baltimore, MD, March 27-30, 2014. HSW

Dvorak, Bruce, "Green Roofs and Vertical Gardens from Europe to Texas," Texas ASLA Annual Meeting, San Antonio, Texas, April 6, 2014. HSW

Li, Ming-Han, **Dvorak, Bruce**, *Lou, Yi, Baumgarten and Matt, "Cross creek ranch master planned community: landscape performance and lessons learned," Proceedings of the CELA Conference Space and Time / Place and Duration, Austin, Texas, March 27-30, 2013, p. 295. HSW

Hopman, D., Coffman, R., **Dvorak, B.** and Fletcher, W. "Vegetative Roof Plant Establishment in the South Central Plains: findings, challenges and lessons learned," Panel presentation, CELA Conference, Austin, Texas, March 30, 2013, p. 87. HSW

Dvorak, B., Volder, A., and Aitkenhead-Peterson, J. "Stormwater Retention Findings from Unirrigated Green Roofs in Texas," CARC Research Symposium, Texas A&M, October 22, 2012. HSW

Dvorak, B. "Sustainable Green Roofs for Texas?" abstract presented at the Texas ASLA Conference, Grapevine, Texas, April 6, 2012. HSW

Dvorak, B. "Green Roof Soils: New Prospects for Biodiversity," abstract presented at ASA-CSA-SSSA Annual Meeting in San Antonio, Texas, October 17, 2011.

Dvorak, B. "Green Roof Plants: Strategies for Success," 2011 CARC Research Symposium, Texas A&M, October 24, 2011.

Dvorak, B. "Rooftop Membrane Temperature Reductions with Green Roof Technology in South Central Texas," 2010 CARC Research Symposium, Texas A&M, October 18, 2010.

Dvorak, B. "Verde Roof: Understanding Elements of Green Roof Design," abstract presented 2010 Texas ASLA Annual Conference—Mission Verde, San Antonio, Texas – March 11-12, 2010. HSW

Dvorak, B. "Elements of Green Roof Design," abstract presented Texas Chapter ASLA, Annual Meeting, and Conference, Austin, Texas, April 17, 2009. HSW

Dvorak, B. "From Green Roofs to Roof Gardens: Application of an Emerging Technology," abstract presented Texas Chapter ASLA, Annual Meeting and Conference, Fort Worth, Texas, April 4, 2008. HSW

Dvorak, B. "Green Roof Technology for a Sustainable Ecology," Texas A&M University, CARC Symposium, Session Speaker, October 29, 2008, pp. 55-61.

Dvorak, B., A Green Roof Comparison Project: The Illinois EPA-CDF Green Roofs for Healthy Cities. Paper presented at the Second Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Portland, Oregon, June 2-4, 2004, 10 pp.

Dvorak, B., The Peggy Notebaert Nature Museum Demonstration Garden, Green Roofs for Healthy Cities. Paper presented at the First Annual International Greening Rooftops for Sustainable Communities, Conference, Awards & Trade Show, Chicago, Illinois, May 2003, 10 pp.

Dvorak, B., and de la fleur, M., The Emerging Culture of Green Roof Technology, Paper presented at the ASLA National Annual Meeting in New Orleans, Louisiana, October 2003, 55-61.

Dvorak, B. and Sullivan, W., "Assessing Policy Alternatives: The Advantage of Using Computer Image Processing," Fifth International Symposium on Society and Resource Management: Creating Research, Education, and Management Partnerships among Natural Resource Professionals, Colorado State University, June 1994.

Conference Papers (not refereed)

Dvorak, B. 2017, Regulating Lines making use of imaginary lines and landscape design creativity, CELA Conference Beijing, China, May 26-29, pp. 1-10.

Dvorak, B. 2015, Conserving energy with biodiverse building skins: a review of literature, presented at 10th Conference on Advanced Building Skins, 03-04 November, Bern, Switzerland, (pp. 1-10). Invited

Li, Ming-Han, **Dvorak, Bruce**, *Luo, Yi, Manskey, Jim, 2014, Park Seventeen" Residential Roof Garden: Landscape Performance and Lessons Learned, CELA Conference, Morgan State University, University of Maryland, College Park, Baltimore, MD, March 27-30, pp. 1-10. HSW

Li, Ming-Han, **Dvorak, Bruce**, *Lou, Yi, and Baumgarten, Matt, 2013, Cross creek ranch master planned community: landscape performance and lessons learned, Proceedings of the CELA Conference Space and Time / Place and Duration, Austin, Texas, March 27-30, pp. 543-553. HSW

Dvorak, B., 2010, The Emerging Art and Science of Green Roof Construction in North America, Proceedings of the CELA Conference Landscape Legacy Landscape Architecture and Planning between Art and Science, Maastricht, Netherlands, May 12-14, pp. 120-124.

Published Conference Reviews (Invited)

Aland Tate, Carle Smith, Josh Cerra, **Bruce Dvorak**, Randy Hester, Mary Meyers, Judith Wasserman, Douglas Johnston, 2015 CELA Conference, Review of INCITE CHANGE/CHANGE INSIGHT, Kansas State University, Manhattan, Kansas, March 24-28, 2015. 197-200.

Hunter, M.C., **Dvorak, B.** and Billig, N., "2010 Joint Meeting of International Study Group for the Multiple Use of Land (ISOMUL) and the Council of Educators in Landscape Architecture (CELA)," Maastricht, Netherlands, May 12-14, 2010. Landscape Journal, Vol. 30 (1), 2011, pp. 164-165.

Poster Presentations (Peer-reviewed)

*indicates student presenting my research project

*Menotti, Tess, **Dvorak, B.**, Mapping Historic Grasslands: a Preliminary Guide for Green Infrastructure, Research and Emerging Professionals Day, Cities Alive Virtual Conference, November 8, 2021.

*Yang, Shijia, **Dvorak, B.**, "Plant survivability on a custom living wall in central Texas," Emerging Professionals Research Launch Pad, Cities Alive Virtual Conference, October 23, 2020.

*Vela, Juan Carlos, **Dvorak, Bruce**, "Evaluating the Performance of Three Living Wall Systems in Texas," LID Conference," Houston Texas, January 19-21, 2015.

*Lee, J., **Dvorak, B.**, *Shi, A., *Li, P., *Liu, *X., Zhong, S., & Newman, G. Sustainable Master Planning with Metrics: Review of a Mixed-use Student Housing Development at Texas A&M University. Council of Educators in Landscape Architecture Conference – Austin, TX, March 2013.

Dvorak, B., The Chicago City Hall Green Roof, Green Roofs for Healthy Cities, 1st Annual North American Green Roof Conference, Chicago, Illinois, May 2003.

Dvorak, B., The Kishwaukee River Corridor Project, Land Use and Transportation Plan, ASLA National Annual Meeting in New Orleans, Louisiana, October 2003.

Column: Plant Profile *Living Architecture Monitor* (Invited Essays with internal review)

Dvorak, B., Embracing El Nino: Selecting Green Roof Plants for Extreme Climate Events, *Living Architecture Monitor*, Plant Profile, Summer Issue, 25(3), 2023, pp. 11.

Dvorak, B., Designing Green Roofs for Dragonflies, *Living Architecture Monitor*, Plant Profile, Summer Issue, 25(2), 2023, pp. 6.

Dvorak, B., Natives for Nutrition and Healing: Green Roof Plants with a Purpose, *Living Architecture Monitor*, Plant Profile, Spring Issue, 25(1), 2023, pp. 9.

Dvorak, B., Planting Green Roofs with Native Shrubs, *Living Architecture Monitor*, Plant Profile, Winter Issue, 24(4), 2022, pp. 10.

Dvorak, B., Water and Plants for Wet, Mesic, or Xeric Green Roofs, *Living Architecture Monitor*, Plant Profile, Fall Issue, 24(3), 2022, pp. 10.

Dvorak, B., Grasses: Planting Living Roofs for Native Pollinators Part III, *Living Architecture Monitor*, Plant Profile, Summer Issue, 24(2), 2022, pp. 10.

Dvorak, B., Grasses: Planting Living Roofs for Native Pollinators Part III, Summer Issue, 24(2), 2022, pp. 10 (in press).

Dvorak, B., Wildflowers: Planting Living Roofs for Native Pollinators Part II, Spring Issue, 24(1), 2022, pp. 10.

Dvorak, B., Planting Living Roofs for Native Pollinators (Part I: Sedums), *Living Architecture Monitor*, Winter Issue, 23(4), 2021, pp. 8.

Dvorak, B., Plant Profile: Four Approaches to Making Living Roofs With Native Plants, *Living Architecture Monitor*, Equity Issue, 23(3), 2021, pp. 11.

Dvorak, B., Plant Profile: Designing and Planting Climate Resilient Green Roofs, *Living Architecture Monitor*, Climate Issue, 23(2), 2021 pp. 11. (reviewed)

Dvorak, B., Plant Profile: Exceptional Green Roofs of the West, *Living Architecture Monitor*, Pandemic Issue, 23(1), 2021, pp. 5.

Industry Articles (Invited, Reviewed)

Dvorak, B., Specifying Green Roof Fabrics, *Fabric Architecture*, January/February 2009, pp. 20-24.

Dvorak, B., Thinking Like a Raindrop, *Fabric Architecture*, January/February 2007, pp. 30-34.

REPRINTS

Dvorak, B., and de la fleur, M., Seeing Green up Top, *Fabric Architecture*, Jan/Feb 2008, 26-31. (First published in *Fabric Architecture*, July/August 2004 under the title *The Emerging Culture of Green Roof Technology*).

Dvorak, B., and de la fleur, M., The Emerging Culture of Green Roof Technology, *Fabric Architecture*, July/August 2004. (Originally printed in the 2003 ASLA Conference Abstracts).

Book Reviews (Invited)

Dvorak, B., "Green Roof Systems: A Guide to the Planning, Design and Construction of Landscapes over Structure," Weiler, S. and Scholz-Barth, K., 2009, Wiley Press, *Landscape and Urban Planning*, 93 (3), pp. 266-267.

Dvorak, B., "Green Roofs in Sustainable Landscape Design," Steven Cantor, 2008, Norton Press, *Landscape and Urban Planning*, 92 (3), pp. 347-348.

Dvorak, B., "The Vertical Garden: from Nature to the City," Patrick Blanc, 2008, Norton Press, *Fabric Architecture*, online, July 2009.

Invited Industry articles and Online Books (not refereed)

Dvorak, B. Green Roofs Follow-up, Houston Native Prairie Association of Texas *Newsletter*, June 2020, pp. 1-4.

Dvorak, B., The New ASTM Guidance for Green Roofs, *Living Architecture Magazine*, June 2016, p. 20-21.

Dvorak, B., Wei, L., Newman, G., Zhan, x., Zhao, J., Zhu, X., (2015) *Multimodal Transpiration Systems and Transit Oriented Development: Concepts for Bryan-College Station, Texas, and Texas A&M University*, Blurb eBook Publishing pp. 146.

Dvorak, B. and Lusk, M., Green Roof Systems, *Soil Science Society of America*, Web pages: www.soils.org/about-soils/soils-in-city/green-roofs. February 2013.

Bartens, J., Basta, N., Brown, S., Cogger, C., **Dvorak, B.**, Faucette, B., Groffman, P., Hettairachchi, G., McIvor Forterra, K., Pouyat, R., Toor, G. and Urban, J., "Soils in the City," *CSA News magazine*, July 2012, pp. 4-13.

Dvorak, B., Waves of Green, *Fabric Architecture*, September/October 2004.

B., Dvorak, H., Natura, Web Site—Co-designed, produced and managed *Living Habitats'* website (2004 to 2007)

Dvorak, B., Green Roof Systems: Dispelling the Myths, *The Iowan*, March/April 2003, p. A1.

Technical Research Reports (not refereed)

Huang, C., **Dvorak, B.** and Newman, G. Texas A&M University Combined Bachelor of Landscape Architecture and Master of Landscape Architecture Program Self-evaluation Report, December 15, 2021. pp. 286.

Dvorak, B. and Van Zandt, S. Texas A&M University Master of Landscape Architecture Program Self-evaluation Report, August 1, 2017. pp. 249.

Dvorak, B. and Volder, A., *A Green Roof Pilot Study at the Texas A&M Architecture Center Langford Building A-CRIC Grant Final Report*, January 29, 2010, pp. 5.

Westervelt J.D., Hannon, B.M., Sheikh, P., Cheng, A., Rubin, C, **Dvorak, B.**, et al. Dynamic, spatial, ecological modeling: a demonstrated simulation of the Sage Grouse habitat at the Yakima Training Center, Washington. Construction Engineering Research Laboratory, Champaign, Illinois; 1995. pp. 99.

Dvorak, B.D., Reading the margins: perceptions of east-central Illinois farmland. Master's thesis. University of Illinois, Urbana-Champaign, May 1994, pp. 103.

Sullivan, W. C., III, and **Dvorak, B.**, Improving the Visual Quality of the Route 45 Corridor, Savoy, Illinois, August 1993.

Professional Reports (not refereed)

Dvorak, B. Annual Report on How Teaching, Research, Service Activities Relate to the LAUP Senior Schob Scholarship, August 31, 2022, pp. 10.

Dvorak, B. The Peggy Notebaert Nature Museum Landscape Master Plan, June 7, 2002.

Dvorak, B., Wilhelm, J., Price, T., et. al., The Mossville Bluffs Watershed Restoration Master Plan, Tri-County Planning Commission, Peoria, Illinois, September 2002.

Weston Engineering (**Dvorak, B.** co-author with CDF), Urban Heat Island Initiative Pilot Project Final Report, City of Chicago, Department of Environment, Department of General Services, and Department of Planning and Development, May 19, 1999.

TEACHING

Courses Taught

Texas A&M University

CARC 301 Landscape Architecture Design Study Abroad (Fall 2013). This course is an advanced interdisciplinary urban design studio for students majoring in landscape architecture, urban planning, or architecture. This studio course emphasizes sustainable landscape urbanism and culture-sensitive design in Bonn, Germany.

Students work in an interdisciplinary learning environment along with students from Penn State University to produce plans for the City of Cologne, Germany. Emphasis is placed on sustainable systems planning and design skills in unfamiliar territory. The project includes master planning and design of a historic green belt as part of a service-learning project in Cologne.

CARC 311 Field Studies in Sustainable Communities (Fall 2013). This course emphasizes understanding, communication, and measurement of the benefits of sustainable communities in international and domestic environments away from the Texas A&M University campus.

CARC 311 Field Studies in Design Communication (Summer I, 2011-2012). This course emphasizes design communication in international and domestic environments away from the Texas A&M University campus. Emphasis is placed on the tools, methods, and techniques for design communication. CARC 311 is oriented toward the communication of ideas and discoveries during the study abroad experience.

CARC 481 Study Abroad Seminar (Spring 2011-2013). This course is an orientation course required for all those who plan to participate in the study abroad program in Bonn (Germany). Students review the study abroad program; learn basic German language, and complete their application and travel arrangements.

LAND 200 Introduction to Landscape Architectural Practice (Spring 2010). This required curriculum course introduces students to the boundaries of opportunity in the profession of landscape architecture. Guest lectures, short readings, and writings introduce students to the varied areas of specialty, special skills, and requirements in professional practice.

LAND 318 Landscape as Art Design I (Fall 2008-2012, 2015). This required curriculum studio course addresses the development of fundamental form and space-making skills. Through a range of topics and methods, emphasis is placed on two- and three-dimensional form-making, landscape design, movement in the landscape, landform processes, narrative, presentation, and graphic communication skills.

LAND 321 Landscape Design IV (Spring 2008). This required curriculum studio course addresses sustainable development, community development, urban design, design process, and programming. All aspects of the design process and technology were incorporated into the assigned projects with a comprehensive emphasis on human factors, natural systems, grading, planting, vehicular traffic patterns, neighborhood design, and planning.

LAND 329/612 Landscape Construction I (Fall 2007-2010, 2016, 2017). This required curriculum seminar/studio course provides technical background and practical exercises in the fundamental knowledge and skills of grading, earthwork, drainage, hydrology, and transportation planning.

LAND 330 Landscape Construction I (Spring 2013). This required curriculum course teaches construction document preparation, working drawings, project layout, and design, and theory and principles of construction common landscape features including flatwork, vertical structures, wood, and sequencing of project work.

LAND 331/614 Landscape Construction II (Spring 2008-2011, 2013-2019). This required curriculum course teaches construction document preparation, working drawings, project layout, and design, and theory and principles of turf and drip irrigation. The course was revamped in 2009 with the addition of low-impact development techniques including drip irrigation, bioretention, and porous pavement, as well as xeriscape, planting design and theory, living wall, and green roof technology.

LAND 485/685 Special Topics in Green Roof Construction (Spring 2008, 2011). This seminar explored the terminology, history, benefits, elements, functions, irrigation, construction, and maintenance of green roofs.

LAND 485/685 Green Roofs on Campus (Special Topics) (Summer, Fall 2012, Spring and Summer 2013, Fall & Spring 2014-18, spring 2019, Spring 2022). This high-impact learning course teaches students about green roof and living wall technology by engaging students with hands-on research, assisting with the design and installation of green roofs and living walls on campus. Students design, construct, and maintain a demonstration green roof and living wall facility on the Langford building. Monitoring equipment is installed and students participate in data monitoring and collection.

LAND 489 Special Topics in Green Roof Construction/Land Theory (Summer Session II, 2008). This elective seminar/studio course explored the terminology, history, benefits, elements, functions, irrigation, and maintenance of green roofs. Developed course material including lectures, in-class exercises, and base materials for the final project.

LAND 601 Design Theory Application (Fall 2019). This course is an introduction to design in landscape architecture. Students learn design elements and principles applied to theoretical landscape designs. Integrated learning intends to build skills in cross-listed courses in graphic communication and construction.

LAND 602 Design Theory Application (Spring 2014). This course was an interdisciplinary studio focused on multi-modal transportation and transit-oriented development. Students from three classes participated in the studio project in addition to LAND 602 including PLAN 676 a transportation course, and the ARCH673 Design and Healthy Living course to complete a community outreach project for Brazos County. Students presented to jury members from the Texas Transportation Institute and the Brazos Valley Council of Governors.

LAND 603 Principles and Techniques of Land Development (Summer Session II 2009). This course is the final studio course of the leveling year for career change graduate students. The class made use of a service/learning project for the city of Madisonville, Texas (\$5,000 contract). Under my direction, students engaged the community to find ways to revitalize the downtown square. Students presented work to the client, received feedback, and revised designs to provide schematic design solutions. Site inventory, analysis, program, and concept development lead to schematic design. Outcomes were compiled in a booklet and posters.

LAND 603 Principles and Techniques of Land Development (Summer II, 2010-2012). This course is the final studio of the leveling year for career change graduate students. The class investigated low-impact development techniques (green roofs, rainwater gardens, biofiltration swales, and green walls). Students investigated existing site conditions, proposed LID techniques, and estimated benefits to the existing infrastructure. Master plans were tested with landscape metrics to assess the sustainability of each master plan.

LAND 620 Open Space I (Fall 2020/2021). This graduate studio course covers the application of sustainable design theory and ecological design through LID and landscape restoration on a real site in College Station. Field trips and invited jury connect concepts learned in LAND 620, LAND 612, LAND 614, and ESSM 600 - Ecology and Land Use to open space design.

LAND 645 Practice Diversity (Fall 2011-2012, 2015-2017). This course covers the diversity of practice in landscape architecture. Guest lectures and field trips supplement traditional lectures and readings on topics. A semester paper and project papers supplement student learning regarding specialty areas of interest. Topics include sustainable design theory, research, health care design, landscape as narrative, ecological tourism, urban design, master planning, and landscape restoration as possible career specialties.

LAND 681 Landscape Architecture Graduate Seminar (Spring 2020-2022). This required course prepares students for our career fair, summer internship, and selection of their chair for the Final Study in the MLA Program.

URSC 460 Germany Sustainable Communities (Summer I, 2011-2012). This course introduced concepts and principles of sustainable community design in Germany. Learning activities include lectures, readings, and field visits to sustainable communities in Germany. Class exercises were based on the topical weekly field trips on sustainable transportation, food/water/soil, energy, and industrial restoration to reinforce the underlying principles of sustainable communities evident in German cities and regions.

Teaching Schedule at Texas A&M University (*first time taught; **new course).

Year	Semester	Course No.	Course Title	Credit Hrs.
2007	Fall	LAND 329/612	Landscape Construction I	3
2008	Spring	LAND 321	Landscape Design IV	4
2008	Spring	LAND 331/614	Landscape Construction II	3
2008	Summer II	LAND 489	Intro to Green Roof Technology	3
2008	Fall	LAND 329/612	Landscape Construction I	3
2008	Fall	LAND 318	Landscape as Art	4
2009	Spring	LAND 331/614	Landscape Construction II	3
2009	Summer II	LAND 603	Principles of Land Development	6
2009	Fall	LAND 329/612	Landscape Construction I	3
2009	Fall	LAND 318	Landscape as Art	4
2010	Spring	LAND 331/614	Landscape Construction II	3
2010	Spring	LAND 200	Intro to Landscape Architecture	1
2010	Summer II	LAND 603	Principles of Land Development	6
2010	Fall	LAND 329/612	Landscape Construction I	3
2010	Fall	LAND 318	Landscape as Art	4
2011	Spring	LAND 331	Landscape Construction II	3
2011	Spring	LAND 614	Landscape Construction II	4
2011	Summer I	CARC 331	Communications in Field Studies	3
2011	Summer I	URSC 460	Germany Sustainable Communities	3
2011	Summer II	LAND 603	Principles of Land Development	6
2011	Fall	LAND 318	Landscape as Art	4
2011	Fall	LAND 645	Practice Diversity	3
2012	Summer I	CARC 331	Communications in Field Studies	3
2012	Summer I	URSC 460	Germany Sustainable Communities	3
2012	Summer II	LAND 603	Principles of Land Development	6
2012	Fall	LAND 318	Landscape as Art	4
2012	Fall	LAND 645	Practice Diversity	3
2013	Spring	LAND 330	Landscape Construction I	3
2013	Spring	LAND 331	Landscape Construction II	3
2013	Fall	CARC 301	Study Abroad Urban Design Studio	6
2013	Fall	CARC 311	Germany Sustainable Communities	3
2014	Spring	LAND 331	Landscape Construction II	3
2014	Spring	LAND 602	Design Theory Application	6
2014	Fall	LAND 318	Landscape as Art	4
2014	Fall	LAND 645	Practice Diversity	3
2015	Fall	LAND 318	Landscape as Art	4
2015	Spring	LAND 331	Landscape Construction II	4
2015	Fall	LAND 645	Practice Diversity	3
2016	Spring	LAND 331	Landscape Construction II	4

Year	Semester	Course No.	Course Title	Credit Hrs.
2016	Fall	LAND 231	Landscape Construction I	4
2016	Fall	LAND 645	Practice Diversity	3
2017	Spring	LAND 331	Landscape Construction II	4
2017	Fall	LAND 231	Landscape Construction I	4
2017	Fall	LAND 101	Intro to Landscape Architecture	1
*2018	Spring	LAND 614	Landscape Construction II	3
2018	Fall	FDL	Faculty Development Leave	0
2019	Spring	LAND 614	Landscape Construction II	3
*2019	Fall	LAND 601	Landscape Theory I	5
2020	Spring	LAND 614	Landscape Construction II	3
*2020	Spring	LAND 681	Landscape Arch Graduate Seminar	1
*2020	Fall	LAND 620	Open Space Development I	5
2021	Spring	LAND 614	Landscape Construction II	3
2021	Spring	LAND 681	Landscape Arch Graduate Seminar	1
2021	Fall	LAND 620	Open Space Development I	5
2022	Spring	LAND 614	Landscape Construction II	3
2022	Spring	LAND 485/685	Special Topics Green Roofs	1
2022	Spring	LAND 681	Landscape Arch Graduate Seminar	1
2022	Fall	LAND 620	Open Space Development I	5
2023	Spring	LAND 614	Landscape Construction II	3
2023	Spring	LAND 485/685	Special Topics Green Roofs	1
2023	Spring	LAND 681	Landscape Arch Graduate Seminar	1
2023	Fall	LAND 620	Open Space Development I	5

Teaching Skill/Diversity Enhancement

- 2021** "Mid-career Learning Community Course", Office of the Dean of Faculties, Texas A&M University, Spring Semester (1 credit hr.)
- 2021** Canvas Bootcamp for College of Architecture, Texas A&M University, January 6-8, TAMU ITS
- 2020** The Dialogic Classroom: Teaching for Connection and Engagement, Essential Partners, July 27-28 TAMU (virtual)
- 2019** "STRIDE Training" Texas A&M University, December 3rd, 2019.
- 2013** "Getting Started with eCampus - Online" June 3rd, 2013.
- 2012** "Teaching with Technology Conference," February 8.
- "Developing High Impact Global Awareness through (Mostly) Study Abroad," November 30.
- 2011** "Teaching Naked: Embracing technology outside of class and teaching change inside the class," September 22, 2011.
- "Teaching Portfolio Workshop," April 2011.

- 2010** "Teaching Today's Students," Texas A&M University, June 30.
- "The CEO of Me: What Academics Need to Know," Texas A&M University, February 11.
- 2009** "Writing Syllabi that Engage and Motivate Students," Workshop, Texas A&M University, May 26.
- "Teaching Portfolio Workshop," Texas A&M University, March 26.
- "Publishing Workshop," Council of Educators in Landscape Architecture. Teaching + Learning Landscape Conference, Annual Meeting. Tucson, Arizona, January 14.
- 2008** "New Course Development Workshop Sessions I, II, & III," Center for Teaching Excellence, Texas A&M University, June-July.
- "Faculty Teaching Academy," Center for Teaching Excellence, Texas A&M University, Spring Semester.
- "New Colleague Circles Program," Spring Semester (participant).
- 2007** "Center for Teaching Excellence," Faculty Teaching Academy, Texas A&M University, Fall Semester.

Invited Lectures/Seminars/Workshops

- 2023** **Invited session speaker**, *Keeping Rooftops Cool with Biodiverse Green Roofs in The Desert Southwest for Biodiverse Green Roofs*, Desert Green XXVII Annual Conference, Las Vegas, Nevada, October 19, 2023.
- 2023** **Invited guest lecture**, *Microclimates for Biodiverse Green Roofs*, MDRGN Microclimatic Design Research Group Seminar, Department of Landscape Architecture and Urban Planning, School of Architecture, Texas A&M University, September 19, 2023.
- 2023** **Invited guest lecture**, Native Plants for Green Roofs and Living Walls, HORT 360, Department of Horticulture, College of Agriculture, Texas A&M University, September 13, 2023.
- 2023** **Invited keynote**, *Living Roofs for Living Cities*, University of Georgia, Continuing Education Program, February 1, 2023
- 2022** **Invited keynote Speaker**, *Ecoregional Green Roofs for Urban Biodiversity*, GRHC, Denver, Colorado, July 29, 2022.
- 2022** **Invited Speaker**, *Ecoregional Green Roofs for Sustainable Development in Texas and Beyond*, San Antonio Botanic Garden and AIA San Antonio, San Antonio, Texas, June 1, 2022.
- 2022** **Invited Speaker**, *Microclimates for Living Architecture*, Microclimatic Design Research Group, Texas A&M University, May 3.
- 2022** **Invited Speaker**, *Living Roofs for Living Cities*, Houston Sierra Club, Houston Texas, February 10, 2022 (virtual).

- 2021** **Invited Symposium Speaker**, *7 Principles for Biodiverse and Resilient Living Roofs*, GRHC Green Building for Biodiversity Protection & Enhancement Symposium, invited by Steven Peck, Green Roofs for Healthy Cities, Toronto, ON, NOVEMBER 8 (virtual).
- Invited Panel Speaker** (representing North America) *Delivering successful green roofs in 'Mediterranean' and 'Semi-arid' climates*, *European Federation of Green Roofs and Walls*, Italy, October 17 (virtual).
- Invited Guest Speaker**, *Prairies in the Sky*, Texas Master Naturalist Coastal Prairie Chapter Program, July 1 (virtual).
- Invited Symposium Speaker**, *Biodiversity and Ecoregional Green Roofs*, GRHC Green Building for Biodiversity Protection & Enhancement Symposium, invited by Steven Peck, Green Roofs for Healthy Cities, Toronto, ON, Jan 28 (virtual).
- 2020** **Invited Keynote** presentation, Plant Survival on Living Wall Systems, Green Roofs for Healthy Cities, Virtual, November 5.
- Invited Lecture** presentation (virtual) *Prairie-based Green Roofs for Texas and Beyond*, Houston Native Prairie Association of Texas, May 27 in conjunction with Houston TX ASLA, Continuing Education credit (Virtual).
- 2019** **Invited Keynote** presentation, *Green Roof and Wall Research in Central Texas*, at ATX Living Architecture Symposium, Austin Texas, November 5, 2019.
- Invited guest reviewer LAND 211 Project Reviews, 9/25/19 Dr. Changshan Huang
- Invited guest speaker LAND 210 Dr. Robert Brown, 10/3/19, Green Roof Ecosystem Services
- Invited Keynote** presentation, Langford Living Wall, Aggieland Rotary Club, Bryan, Texas, October 10.
- Invited guest speaker LAND 645, Dr. Hope Rising, 10-3-19, Ecological Design: Theory and Application.
- Invited Workshop** co-leader. Fay Jones School of Architecture and Design, Green Roof Charrette. University of Arkansas. Green Roofs on Campus, March 15, 2019. Invited by Ken McCown, Head.
- Invited Keynote** *Ecoregional Green Roofs: North American Case Studies*, University of Arkansas. Green Roofs on Campus, March 15, 2019. Invited by Ken McCown, Head.
- Invited Keynote** *Green Roofs 101: materials and methods*. University of Arkansas. Green Roofs on Campus, March 15, 2019. Invited by Ken McCown, Head.
- LAND 101, invited speaker (Dr. Dongying Li), *Making it Last: Green Infrastructure*. Jan., 25.
- 2018** **Invited Lecture** "Ecoregional Green Roofs: Desert Southwest," presentation to the Department of Biological Sciences, University of Texas El Paso, October 29.
- Invited Guest Lecture** "Ecoregional Green Roofs," presentation to *Green Roof info Think Tank (GRiT)*, Portland, Oregon September 19.
- LAND 412 Invited guest studio lecture: Dr. Chanam Lee February 19. Guest studio critic. Guest critic on March 5.

- Invited guest speaker, "Introduction to Green Roof Technology," LAND 101 invited by Dr. Chanam Lee, January 26.
- 2017** "Introduction to Green Roof Technology," Invited guest speaker to LAND 101, invited by Dr. Eric Bardenhagen, March 10.
- 2016** "Introduction to Green Roof Technology," Invited guest speaker to LAND 200, invited by Dr. Jun Hyun Kim, November 6.
- "Historic Habitats and Schob Nature Preserve," Invited guest speaker to URPN 330. Invited by Geoffrey J. Booth, February 15.
- 2015** "Introduction to Green Roof Technology," Invited guest speaker to LAND 200, by Dr. Jun Hyun Kim November 20.
- 2014** "Green Roofs and Living Walls for Sustainable Cities," Texas A&M University, Youth Adventure Camp for High School Students, Department of Landscape Architecture and Urban Planning, July 30
- "Interdisciplinary Green Roof and Living Wall TOP Grant Research on the Langford Building," LDEV 671, Texas A&M University, April 22.
- Invited Keynote** "Role of green roofs and living walls in Future Cities," Infraestructura Vegetal De Edificios: Experiencia Internacional Y Nacional, School of Engineering of the Pontifical Catholic University of Chile, May 13.
- Invited Keynote** "Challenges of green roofs and living walls in arid and semi-arid climates.," Infraestructura Vegetal De Edificios: Experiencia Internacional Y Nacional, School of Engineering of the Pontifical Catholic University of Chile, May 13.
- Invited Keynote** "Plant viability for green roofs and living walls in Texas," Infraestructura Vegetal De Edificios: Experiencia Internacional Y Nacional, School of Engineering of the Pontifical Catholic University of Chile, May 13.
- Invited Keynote** "Codes, technical guidelines and practical issues," Infraestructura Vegetal De Edificios: Experiencia Internacional Y Nacional, School of Engineering of the Pontifical Catholic University of Chile, May 14.
- 2013** **Invited Keynote** "Study Abroad in Germany: experiential learning for students and faculty from the United States," AIB, Bonn, Germany, November 19.
- "Introduction to Green Roof Technology," Invited guest speaker to LAND 200, by Dr. Jun Hyun Kim, April 12.
- 2012** **Invited Keynote** "The Mechanics and Construction of Geosynthetic Technology," Industrial Fabrics Association International, Green Roofs and Landscape Workshop, Boston, Massachusetts, November 7.
- "Sustainable Construction with Green Roof Technology," Invited guest speaker to COSC 663, Texas A&M University, November 5.
- "Sustainable Construction with Green Roof Technology," Invited guest speaker to ARCH 435 Integrated Systems class, Texas A&M University, October 31.

"Low Impact Planting Design," Invited guest speaker to ARCH 205, Real Projects invited guest lecturer, October 10.

Invited Symposium "Texas A&M University Interdisciplinary Green Roof Group," *Green Roof Symposium*, Oklahoma City, Oklahoma, invited by Dr. Reid Coffman, July 7.

"Elements of Green Roof Design," LAND 321 (guest lecture), April 19.

Invited Keynote "Sustainable Green Roofs for Texas," Building Enclosure Council, Austin, Texas, April 4.

Invited Keynote "Sustainable Green Roofs for Ecoregions," Center for Urban Environmental Research and Education, Spring Lecture Series 2012, University of Maryland Baltimore County, Baltimore, Maryland, March 2.

2011 "Green Roofs to Roof Gardens: Application of an Emerging Technology," ARCH 435, Texas A&M University, November 11-18.

Invited Keynote "The Mechanics and Construction of Geosynthetic Technology," Industrial Fabrics Association International, Green Roofs and Landscape Workshop, Baltimore, Maryland, October 27.

"Green Roofs to Roof Gardens: application of an emerging technology," Invited to speak in RPTS 402 Texas A&M University, October 18.

"Introduction to Green Roofs and Living Walls," Invited to speak to LAND 200, Texas A&M University, October 14.

"Green Roofs to Roof Gardens: application of an emerging technology," Invited to speak to COSI 663, Texas A&M University, October 12.

2010 **Invited Keynote** "The Mechanics and Construction of Geosynthetic Technology," Industrial Fabrics Association International, Green Roofs and Landscape Workshop, Orlando, Florida, October 26.

"Sustainable Construction with Green Roof Technology," Invited to speak to ARCH 435 Integrated Systems class, Texas A&M University, October 13.

"Sustainable Construction with Green Roof Technology," Invited to speak to COSC 663, Texas A&M University, October 5.

"Green Roofs in Sustainable Development," Invited to speak to LAND DEV 671 Sustainable Development, Texas A&M University, April 1.

"Understanding Elements of Green Roof Design," Emerging Green Builders Lecture Series, Texas A&M University, March 3.

2009 "Landscape Architecture and Green Roof Technology," Texas A&M University, Invited to speak to LAND 200, October 30.

Invited Keynote "The Mechanics and Construction of Geosynthetic Technology," Industrial Fabrics Association International, Green Roofs and Landscape Workshop, San Diego, California, September 22

- "The Old and New: an Emerging Philosophy for Sustainable Design," Texas A&M University, Invited to speak to LAND 645, September 15.
- "Green Roofs and Sustainable Design," Invited to speak to LAND DEV 671 Sustainable Development, Texas A&M University, April 28.
- "Teaching, Research and Service," Invited to speak to LAUP faculty meeting presentation, March 13.
- "The Emerging Culture of Green Roof Technology and More," Texas A&M, LAND 200, February 2.
- 2008** "The Emerging Culture of Green Roof Technology," Texas A&M University, Invited to speak to LAND 200, November 11.
- "Introduction to Landscape Architecture," Texas A&M University, Invited to speak to CARC 485, October 14.
- "Introduction to Roof Gardens and Green Roof Technology," Texas A&M, Invited to speak to LAND 200, February 29.
- "Conserving Energy with Green Roof Technology," Texas A&M University, Invited to speak to ENDS 106, January 30.
- 2007** "Introduction to Roof Gardens and Green Roof Technology: Chicago City Hall Green Roof Pilot Project Case Study," Texas A&M University, Guest Lecturer, LAND 200, November 30.
- "The Ecological Aesthetic," Texas A&M University, Invited to speak to LAND 310, October 17.
- Invited Keynote** "Conserving Energy with Green Roof Technology," Industrial Fabrics Association International, Sustainable Design with Fabric Symposium, Las Vegas, Nevada, Session Speaker, October 2.
- "Introduction to Roof Gardens and Green Roof Technology: Chicago City Hall Green Roof Pilot Project Case Study," Texas A&M University, Guest Lecturer, LAND 645, August 30.
- "Planning and Design with Sustainable Technology," Texas A&M University, Faculty Search Presentation, March 9.
- 2005** **Invited Keynote** "The Chicago Green Roof Initiative," The Fourth Annual Non-point Source Pollution Conference, Chicago, Illinois. Annual dinner event, October 5.
- 2004** **Invited Keynote** "The Emerging Culture of Green Roof Technology," *Wild Ones* Chicago Chapter Meeting, Chicago Illinois, February.
- Invited Keynote** "The Emerging Culture of Green Roof Technology," Emerging Trends in Landscape Architecture, *Wisconsin Chapter American Society of Landscape Architecture* Annual Spring Conference, Madison, Wisconsin, March.
- 2003** **Invited Speaker** "Landscapes for Historic Homes," Downers Grove Park District, February.
- Invited Speaker** "Urban Ecology and Green Roof Technology," Holland Michigan Public Library, March.
- 2002** **Invited Keynote** "Urban Ecology and Green Roof Technology," 1st Annual Green Roof Conference, River District of Rockford, Rockford, Illinois, January.

Intive Lecture “Urban Ecology and Green Roof Technology,” 23rd Annual Natural Landscaping Conference, Milwaukee Audubon Society, February.

2001 Invited Keynote “Stormwater Management and Site Design,” Tools for Protecting Nature in the *DuKane Valley Conference for Mayors*, Northeastern Illinois Planning Commission, Geneva, Illinois, February.

Graduate Student Committee Service

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
1) Jong Hoon Kim	Member	MArch	<i>A New Cultural Center for Texas A&M</i>	Aug. 2008
2) Xiaoqing Zhu	Chair	MLA	<i>Environmental Education Center</i>	Aug. 2009
3) Manali Prabhu	Member	MArch	<i>The Mumbai Museum Memorial</i>	Aug. 2009
4) Chetan Daga	Member	MArch	<i>Urban Skyscraper</i>	Aug. 2009
5) Sayed Dafedar	Member	MArch	<i>Sustainable Neighborhood in Dallas, Texas</i>	Aug. 2009
6) Angela Kimmich	Member	MArch	<i>Sustainable Community Design</i>	May 2009
7) Hee Ju Kim	Member	MUP	<i>Energy Conserving Neighborhood Design</i>	May 2009
8) Xun Sun	Member	MLA	<i>Feng-su Master Plan</i>	May 2009
9) Ricardo Garcia	Co-chair	MLA	<i>Embarcadero Master Plan</i>	May 2009
10) Faras Hashim	Member	MSCM	<i>Microsoft Groove Analysis</i>	Aug. 2009
11) John Martineau	Member	MLA	<i>A Master Plan for Geneva Resort Park, UT</i>	May 2010
12) Dori Binion	Member	MSCM	<i>Xeriscaping in Bryan, Texas</i>	May 2010
13) Yixiao Liu (a)	Member	MLA	<i>Implementing Ecological Design Practices</i>	May 2011
14) Lai Wei-Li (a)	Member	MLA	<i>Implementing Ecological Design Practices</i>	May 2011
15) Crystal Gore	Co-chair	MArch	<i>Hotel Vina del Mar, Chile</i>	May 2011
16) Samantha Giordano	Member	MLA	<i>Landscape Retreat</i>	May 2011
17) Martin Griggs	Member	URPL	<i>Landscape Ordinances in the Texas Triangle</i>	May 2011
18) Zheng Lu	Chair	MLA	<i>Urban Land Institute competition</i>	May 2011
19) Xin Yang	Member	MLA	<i>Health Care Facility in China</i>	May 2012
20) James Montano	Chair	MLA	<i>Sustainable Commercial Development in TX</i>	-
21) Adam Nugent	Member	MLA	<i>Campus Development Bonn, Germany</i>	May 2012
22) Prajakta Kedar	Chair	MLA	<i>Context Sensitive Park Design in India</i>	May 2012
23) Akshay Sangolli	Member	MArch	<i>Mixed-use design in Fort Worth, TX</i>	May 2012
24) Salud Sierra	Member	MArch	<i>Mixed-use design for Dallas, TX</i>	May 2012
25) Yi Xue	Member	MLA	<i>Master Plan for Youth Camp</i>	May 2012
26) Yosuke Tominaga	Chair	MLA	<i>Re-imagining PRUITT-IGOE: a Mixed-Use Master Plan for St. Louis, Missouri</i>	May 2012
27) Kirk Laminack	Member	MS	<i>Green Roof Media and Water Harvesting</i>	May 2014
28) Lu Zhou	Member	MLA	<i>Master plan for wild lands</i>	May 2013
29) Qian Wan	Chair	MLA	<i>Urban waterfront redevelopment</i>	May 2013
30) Yuxi Cheng	Member	MLA	<i>Sustainable urban master plan</i>	May 2013
31) Young-Jae Kim	Member	Ph.D. URS	<i>Environmental impacts on walking behavior and public health</i>	Dec 2014
32) Eduardo Ferrer	Co-chair	MSCM	<i>Maintaining green roof technology</i>	Aug. 2014

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
33) Ao Shi	Chair	MLA	<i>Sustainable plan for Cologne, Germany</i>	Aug. 2014
34) Jing, Lei	Chair	MLA	<i>Green roof networks.</i>	May 2014
35) Deepal Kilewala	Chair	MLA	<i>Sustainable landscape master plan</i>	May 2014
36) Brittany Lawrence	Member	MArch	<i>Final study master plan development</i>	May 2014
37) Chia-En Hsu	Member	MArch	<i>Sustainable residential design</i>	Dec 2014
38) Jacob Vinson	Member	MArch	<i>Mixed-use center</i>	May 2014
39) Juan J Vela	Co-chair	MUP	<i>Urban Planning with Living walls</i>	May 2015
40) David Danielson	Chair	MLA	<i>Howdy Farm Master Plan</i>	May 2015
41) Rodolfo Reyes1	Member	B.Eng.	Pontificia Universidad Católica de Chile	May 2015
42) Mustafa Sharif	Member	Ph.D. URS	<i>Managers Attitudes Toward Green Energy in Rural Texas</i>	Dec 2015
43) Brain Jones	Member	WMHS	<i>Stormwater management</i>	May 2016
44) Kendall Rabee	Chair	MLA	<i>Bryan Farmer's Market</i>	May 2016
45) Jinglin Lu	Chair	MLA	<i>Bryan Farmer's Market</i>	May 2016
46) Tiantian Lyu	Chair	MLA	<i>Bryan Farmer's Market</i>	May 2016
47) Ixchel Granada	Member	MLA	<i>Master Plan for Austin School</i>	May 2016
48) Philip Roberts	Member	MLA	<i>Master Plan for City of College Station</i>	May 2016
49) Yuxian Li	Member	MLA	<i>Smart Decline, Transforming Vacant Land</i>	May 2016
50) Randy Breeding	Chair	MLA	<i>City of Bryan, Texas Greenway</i>	Dec 2016
51) Amanda Owens	Chair	MLA	<i>Camp Eagle Master Plan, Rock Springs, TX</i>	May 2017
52) Xin Zhu	Chair	MLA	<i>Camp Eagle Master Plan, Rock Springs, TX</i>	May 2017
53) Andrew Gazda	Member	MArch	<i>Houston Pierce Elevated Restoration</i>	May 2017
54) Hannah Ortolon	Member	MArch	<i>Preservation of Historic Texas Square</i>	May 2017
55) Changsuk Han	Member	MArch	<i>Academic Medical Center and Campus</i>	May 2017
56) Xuehao Yang	Member	MArch	<i>Healthcare Campus Design</i>	May 2017
57) Yiwei Lu	Member	MLA	<i>Wedding and Event Center Pennsauken, NJ</i>	May 2017
58) Xinyi, Bu	Member	MLA	<i>Integrated Healthy Community Design</i>	May 2018
59) Binjie, Zhao	Member	MLA	<i>Integrated Healthy Community Design</i>	May 2018
60) Kaidi Ye	Member	MLA	<i>Healing Environment Design for Emei China</i>	May 2018
61) Carolina Pena Rojas	Chair	MLA	<i>City of Conroe Arboretum & Botanic Garden</i>	May 2018
62) Xinyi Bu	Member	MLA	<i>Healing Environment Design for Emei China</i>	May 2018
63) Di Chen	Member	MArch	<i>Design of Nursing Home in Texas</i>	May 2018
64) Shi Shu	Member	MArch	<i>Design of a healthcare facility in Africa</i>	May 2018
65) Yu Zhang	Member	MArch	<i>Competition for "Architecture at Zero"</i>	May 2018
66) Kelsie Kaatz	Member	MArch	<i>Rehabilitation facility in Texas</i>	May 2018
67) Panwang Huo	Member	MArch	<i>Facility design for healthcare competition</i>	May 2018
68) Jaizi Liang	Member	MArch	<i>Regional Medical Center Tower: Fresno, CA</i>	May 2018
Faculty Development Leave Fall 2018				
69) Vaughn, Christina	Member	MArch	<i>Three Sisters Restaurant, Bryan, TX</i>	May 2020
70) Niti Tataria	Member	MLA	<i>Methodist Hospital Roof Garden Houston, TX</i>	May 2020

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
70) Shiji Yang	Chair	MLA	<i>Redevelopment of Downtown Bryan, TX with Principles of New Urbanism and LID</i>	May 2021
71) Muzi Lu	Member	MLA	<i>Design for Increasing Ecological and Social Resilience, City of Wharton, TX</i>	Aug. 2021
72) Kyle Gage	Member	MArch	<i>Fort Worth Building Renovation</i>	May 2022
73) Quanli Du	Co-chair	MLA	<i>Open Streets in New York City</i>	May 2022
74) Andrea Aponte	Member	MArch	<i>Houston House for Refugees</i>	May 2022
75) Trevor Deines	Member	MLA	<i>Green Space Restoration, Rio Grande, TX</i>	May 2023
76) Sameer A. Syed	Member	VIZA	<i>3D Environment for Green City</i>	May 2023
77) Logan Rath	Member	MArch	<i>Building with Green Infrastructure</i>	May 2023
78) Dalton Schroller	Member	MArch	<i>Sustainable fitness & rehab facility</i>	May 2023
79) Kali J. Miller	Member	MArch	<i>Clean and Green Buildings</i>	May 2023

SERVICE

Invited Editorial

2013 Editorial Board Member, *Journal of Living Architecture* (current)

2006/ Friends of FA (*Fabric Architecture* magazine) Advisory Editorial Board (Member 2006-2012)

1996 *OregonLand*, Oregon Chapter ASLA Quarterly Newsletter (Co-editor, 1996-1998)

INVITED SERVICE – COMMUNITY & NATIONAL ORGANIZATIONS

2022 **Member**, 2023 Texas ASLA Council of Fellows Selection Committee

2021 **Executive Director**, Southern Plains Green Roof Center of Academic Excellence, Green Roofs for Healthy Cities Outreach.

2016-2022

Invited reviewer of two to four scientific journal articles per year. Review at least one manuscript per year as member of the Editorial Board for the *Journal of Living Architecture* (since 2015)

2015 Invited session moderator, at 10th Conference on Advanced Building Skins, 03-04 November 2015, Bern, Switzerland.

As Member of ASTM International, Green Roof Standards Subcommittee E60.01, reviewed WORK ITEM NUMBER 25385 Standard Guide for Vegetative (Green) Roof Systems (34 pages).

Reviewed 1 CELA 2013 full manuscript

Reviewed 6 CELA 2013 abstracts

Reviewed 1 *Hort Technology* paper.

Reviewed 2 GRHC papers for the San Francisco conference.

Reviewed 1 science paper and its revised version for *Journal of Water Science and Technology*

Reviewed 1 paper for *Urban Ecosystems*

Reviewed 1 paper for *JOLA* as a Member

Reviewed 1 paper for *JOLA* lead reviewer

Reviewed 1 Draft chapter book, *Green Roof Ecosystems*

2014 Member of ASTM International, Green Roof Standards Subcommittee E60.01, reviewed WORK ITEM NUMBER 25385. Standard Guide for Vegetative (Green) Roof Systems (34 pages). Published, June 2014.

Active Member of the Editorial Board for the *Journal of Living Architecture* (2014). Attended board meeting November 2014, and active with manuscript reviews.

Reviewed 1 CELA 2014 full paper manuscript

Reviewed 2 CELA 2014 abstracts

Reviewed 2 GRHC manuscripts for the Nashville conference.

Reviewed 1 manuscript for *Ecological Engineering*

Reviewed 3 manuscripts for *JOLA* as Member

Reviewed 3 book chapters, *Green Roof Ecosystems*

Reviewed 2 manuscripts for Urban Forestry and Urban Greening

Moderator for the Research Track, Cities Alive Nashville green roof and living wall conference.

2013 Scientific paper peer-reviewed for Green Roofs for Healthy Cities, Annual Conference, San Francisco (2 papers).

Scientific paper peer-reviewed for CELA Conference Austin, Texas (5 abstracts, 2 papers).

Scientific journal peer-reviewed of four manuscripts.

2012 Scientific paper peer-reviewed for Green Roofs for Healthy Cities, Annual Conference, Philadelphia, Pennsylvania (35 abstract proposals).

Scientific journal peer-reviewed of four manuscripts.

2011 Green College Station Task Force Member, City of College Station, Texas (dissolved December).

Book reviewer, 2 books (Wiley).

Scientific journal peer-reviewed of five manuscripts.

Scientific paper peer-reviewed for Green Roofs for Healthy Cities, Annual Conference, Philadelphia, Pennsylvania (13 abstract proposals).

- 2010** Scientific paper peer-reviewed for CELA Conference Urban Nature, Los Angeles, California, 3 papers and 1 panel.

Judge for Industrial Fabrics Association International, 2010 International Achievement Awards (IAA) Tinsel Structures Category and Frame-Supported Structures Category.

Scientific journal peer-reviewed of two manuscripts.

Scientific paper reviewer for Green Roofs for Healthy Cities – Research Committee, Greening Cities for Sustainable Communities Conference, Vancouver, B.C. Reviewed 1 paper.

Moderator/Discussant, Design Implementation session, CELA Conference, Landscape Architecture and Planning between Art and Science –Maastricht, Netherlands, May 12.

- 2009** Scientific Paper Reviewer for The American Institute of Biological Sciences (AIBS), www.ActionBioscience.org.

Judge for Industrial Fabrics Association International, 2009 International Achievement Awards (IAA) Tinsel Structures Category.

Scientific Paper Reviewer for Green Roofs for Healthy Cities – Research Committee, Greening Cities for Sustainable Communities Conference, Atlanta, Georgia. Reviewed 2 research papers.

Consultant to Texas A&M University College of Architecture Artist in Resident, Michele Brody. Week of February 9-14.

Scientific Paper Reviewer for CELA 2008-2009, Teaching + Learning Landscape Conference, Tucson, Arizona, January 14-17, 2009. Reviewed 2 papers for Design Implementation Committee.

Conference Discussant, People-Environment Relationships, Council of Educators in Landscape Architecture Annual Conference, Tucson, Arizona, January 17, 2009.

Green College Station Action Plan Task Force, Technical Advisor, City of College Station, Texas.

- 2008** Green College Station Action Plan Task Force, Technical Advisor, City of College Station, Texas. July-September.

TAMU-SPJST Collaboration, Cooper Farm Project (Participant), September 22.

- 2007** ASLA National, Green Roof Education Program for Young Adults (Expert Reviewer).

- 2006/2004** ASLA National, Green Roof Task Force (Member). Represented ASLA National for the the ASLA National headquarters green roof in Washington, D.C.

Volunteered Service – Community & National Organizations

- 1998** Public Relations Team, 1998 *ASLA Annual Meeting* in Portland, Oregon (Member).

Texas A&M University

2020-2022 Member – Center for Teaching Excellence *Faculty and Student Advisory Board* (FSAB), nominated for 2-year appointment.

2020 Member – Center for Teaching Excellence *Faculty and Student Advisory Board* (FSAB), nominated for 2-year appointment 2020-2022.

Member – Committee on Academic Freedom, Responsibility and Tenure (elected college representative 2016). Juried one case Spring semester (Preliminary Screening Committee).

2019 Member – Committee on Academic Freedom, Responsibility and Tenure (elected college representative 2016). Juried one case Fall semester.

Member – Committee on Academic Freedom, Responsibility and Tenure (elected college representative 2016). Pre-reviewed one case Spring Semester.

Part-time Member – TAMU Design Review Board Sub-council.

2018 Member – TAMU Design Review Board Sub-council (bi-monthly meetings).

2017 Member – TAMU Design Review Board Sub-council (bi-monthly meetings).

2016 Member – TAMU Design Review Board Sub-council (bi-monthly meetings).

Member – Campus Master Plan Update (2016)

Member – Committee on Academic Freedom, Responsibility and Tenure (elected college representative 2016). Juried one case.

2015 Member – TAMU Humanities & Arts Committee

Member – TAMU Design Review Board Sub-council

2014 Member – TOP Grant review committee

Member – TAMU Design Review Board Sub-council (appointed)

School (College) of Architecture, Texas A&M, University

2023 Invited Presenter, School of Architecture First-time TA Training, Presented, “How TA’s Promote a Healthy Studio Culture and Give Constructive Feedback”, August 30, 2023.

2022 Invited Presenter, School of Architecture First-time TA Training, Presented, “How TA’s Promote a Healthy Studio Culture and Give Constructive Feedback”, September 2, 2022.

2021 Member – College of Architecture, appointed member of the Program of Requirements (POR) committee for a new COA education complex on West Campus (bi-monthly meetings Fall).

Member – College of Architecture, College Research and Interdisciplinary Council (CRIC).

2020 Member – College of Architecture, appointed member of the Program of Requirements (POR) committee for the new CARC education complex on West Campus (bi-monthly meetings Fall).

Member – College of Architecture, College Research and Interdisciplinary Council (CRIC).

Member – College of Architecture, Department Head Search Committee (architecture). (Participated in interviews and activities for four (4) department head candidates Spring Semester)

2019 Member – College of Architecture, Department Head Search Committee (architecture). (bi-monthly meetings Fall/Spring)

Member – College of Architecture, College Research and Interdisciplinary Council (CRIC).

2016 Member – College of Architecture, Department Head search committee (architecture). (bi-monthly meetings)

2015 Member – College of Architecture, Department Head search committee (architecture)

College of Architecture representative for the University Tier One Program Committee. Review of 18 abstracts, reviewed 6 full proposals.

Member of the Texas A&M University PESCA Grant Program Faculty Proposal Review Panel.

Department, LAUP, Texas A&M, University

2023 Coordinator, MLA Program

Member–Professional Advisory Board (PAB), Fall and Spring meetings.

Member – Departmental Promotion and Tenure Committee (voted) Bi-monthly meetings.

Co-chair – Landscape Architecture BLA/MLA Program Committee. Chair and co-chair bi-weekly meetings

Co-leader BLA/MLA Curriculum Revision with Center of Teaching Excellence (CTE) at Texas A&M University. Responsible for oversight of the revision of the MLA Program Curriculum revision process 2022-2024. Bi-weekly meetings.

2022 Coordinator, MLA Program

Spring 2022 Re-accreditation Visit Lead on MLA/BLA Program

Member–Professional Advisory Board (PAB), Spring meeting

Member – Departmental Promotion and Tenure Committee (voted) Bi-monthly meetings.

Co-chair – Landscape Architecture BLA/MLA Program Committee. Chair and co-chair monthly meetings

Co-leader BLA/MLA Curriculum Revision with Center of Teaching Excellence (CTE) at Texas A&M University. Responsible for oversight of the revision of the MLA Program Curriculum revision process 2022-2024.

2021 Coordinator, MLA Program

Co-author–Self-evaluation Report, Master of Landscape Architecture Program, for Spring 2022 Re-accreditation Visit

Member–Professional Advisory Board (PAB), fall meeting, led Spring Meeting

Member – Departmental Promotion and Tenure Committee (appointed) Bi-monthly meetings

Co-chair – Landscape Architecture BLA/MLA Program Committee. Chair and co-chair monthly meetings

2020 Coordinator, MLA Program

Member–Professional Advisory Board (PAB), spring and fall meetings

Co-Chair Faculty Search Committee (4 open positions 2 for LAND, 2 for Urban Planning) (Spring Semester)

Co-lead twelve (12) interviews for faculty positions. Participated in an additional interview for diversity hire. Led to the hiring of 2 tenure-track faculty in the LAND program and 2 tenure-track faculty in the Urban Planning program.

Member – Departmental Promotion and Tenure Committee (appointed) Bi-monthly meetings. Interviewed 10 of 12 faculty candidates representing P&T. Two interviews I was the sole representative for P&T Committee.

Co-chair – Landscape Architecture BLA/MLA Program Committee. Monthly meetings during COVID-19.

2019 Coordinator, MLA Program

Member–Professional Advisory Board (PAB)

Co-Chair Faculty Search Committee (4 open positions). Bi-monthly committee meetings.

Member – Departmental Promotion and Tenure Committee (appointed). Bi-monthly committee meetings.

Co-chair – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

2018 Coordinator, MLA Program

Member–Professional Advisory Board (PAB)

Member – Departmental Promotion and Tenure Committee (appointed). Bi-monthly committee meetings

Co-chair – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

Member – Grade Appeals Committee

Member Faculty Search Committee Urban Planning faculty search. Bi-monthly meetings.

2017 Coordinator, MLA Program

Member–Professional Advisory Board (PAB)

Co-chair – Partnership for Community Outreach

Member – Departmental Promotion and Tenure Committee (appointed). Bi-monthly committee meetings.

Co-chair – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

Member – Grade Appeals Committee

Member of LAND Faculty Search Committee

2016 Coordinator, MLA Program

Member–Professional Advisory Board (PAB)

Co-chair – Partnership for Community Outreach

Member – Departmental Promotion and Tenure Committee (appointed). Bi-monthly committee meetings.

Member – Peer Review Teaching Committee (invited)

Co-chair – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

Member – Grade Appeals Committee

2015 Coordinator, MLA Program

Chair – Departmental tenure-track faculty search. Bi-monthly committee meetings.

Member–Professional Advisory Board (PAB)

Co-chair – Partnership for Community Outreach

Member – Lecture Committee

Co-chair – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

Member – Grade Appeals Committee

2014 Co-chair – Faculty search committee (landscape architecture). Bi-monthly committee meetings.

Co-chair – Partnership for Community Outreach

Member – Lecture Committee

Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.

Member – Grade Appeals Committee

2013 Co-chair – Faculty search committee. Bi-monthly committee meetings.

- Co-chair – Partnership for Community Outreach
- Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- Member – Grade Appeals Committee
- 2012** Chair – End-of-Semester Review Protocol sub-committee
- Co-chair – Partnership for Community Outreach
- Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- Member – Lecture Series Committee
- Member – Grade Appeals Committee
- 2011** Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- 2010** Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- Member – Lecture Series Committee
- Member – Faculty Search Committee. Bi-monthly committee meetings.
- Member – Grade Appeals Committee
- Faculty Advisor – Texas ASLA, TAMU Student Chapter
- 2009** Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- Member – Department of Landscape Architecture and Urban Planning Lecture Series Committee
- Member – Faculty Search Committee. Bi-monthly committee meetings.
- 2008** Member – Landscape Architecture BLA/MLA Program Committee. Bi-monthly committee meetings.
- Member – Department of Landscape Architecture and Urban Planning Lecture Series Committee
- 2007** Member – Landscape Architecture BLA/MLA Program Committee.
- Member – Department of Landscape Architecture and Urban Planning Lecture Series Committee

PROFESSIONAL PRACTICE EXPERIENCE

Refereed Professional Design Awards

- 2003** ***Best Combination Green Roof & Retrofit***, Peggy Notebaert Nature Museum Demonstration Garden, the 1st North American Green Roof Conference, *Green Roofs for Healthy Cities*, (with Conservation Design Forum).

Honor Award | Planning & Analysis, *Illinois Chapter American Society of Landscape Architects*, Mossville Bluffs Watershed Restoration Master Plan (with Conservation Design Forum).

2002 Merit Award | Design, *American Society of Landscape Architects*, Chicago City Hall Green Roof (with Conservation Design Forum).

Honor Award | Design, *Illinois Chapter American Society of Landscape Architects*, Chicago City Hall Green Roof (with Conservation Design Forum).

2001 Merit Award | Planning & Analysis, *Illinois Chapter American Society of Landscape Architects*, Dunes Country Sustainable Community Master Plan (with Conservation Design Forum).

1992 Merit Award | Design, *Illinois Chapter American Society of Landscape Architects*, North School Park, Arlington Heights, Illinois (with James Martin & Associates).

Professional Awards and Recognitions

2004 Engineering Achievement Award, Illinois Engineering Council, the Chicago City Hall Urban Heat Island Initiative Pilot Project, Chicago, Illinois (with Conservation Design Forum).

2005 Chicago Wilderness Conservation and Native Landscape Award, United States Environmental Protection Agency, Villa Park Police Station Site and Landscape Design, Villa Park, Illinois (with Conservation Design Forum).

2004 Project of the Year, Chicago Metro Chapter American Public Works Association, Villa Park Police Station, Villa Park, Illinois (with Conservation Design Forum).

Contributions to the Built Environment Award, Adaptive Re-use of Public Building, Urban Land Institute Kansas City, The Kansas City Public Central Library Roof Garden (with Conservation Design Forum).

1991 Bronze Key Award, Home Builders Association of Greater Chicago for *College Trail* Subdivision entrance design (with James Martin & Associates).

Bronze Key Award, Home Builders Association of Greater Chicago for *Fox Chase* Subdivision entrance design (with James Martin & Associates).

Employer

Living Habitats, LLC – *Management and Design*, Chicago, Illinois. Employed October 2004 – July 2007

Competition Entries

2006 “Ancient Waves” – Evanston, Illinois, Public Art Competition. Developed concepts for a competition submission for a multifunctional public art piece. The design relates Lake Michigan’s ancient lake levels in the form of a large transparent wavelike platform, set overhead of the public to the lake level about 5,000 years ago. The piece would serve as environmental education, a shelter, and a place to gather.

2005 “Wind Works” – Cleveland Public Art Competition. Developed concepts, co-designed and directed the production of a competition submission for an environmental sculpture park at the base of a 225-Watt wind turbine located adjacent to the Cleveland Great Lakes Science Center.

“Indianapolis Airport Entry Art Sculpture Competition”. Developed concepts, co-designed, and directed the production of the competition submission. The proposal included an environmental video projection sculpture located at the entry of the new Indianapolis Airport.

“West End Pedestrian Bridge Competition,” Pittsburgh, Pennsylvania. Developed concepts for, designed and produced the competition submission of a “green” pedestrian crossing at Pittsburgh’s historic West End Bridge. The pedestrian bridge concept features green roofs and planters integrated onto Art Deco-themed pedestrian decks suspended over the Ohio River, environmental interpretive signage, ornamental railings, and various options for pedestrians to gain access to the river.

Design Projects

2007 *William J. Clinton Presidential Library Roof Garden* – Roof Garden, Little Rock, Arkansas.
Developed roof garden plans and details for the 10,000 sq. ft. retrofit roof garden.

National Institutes of Health Library Roof Garden – Therapeutic Roof Garden, Bethesda, Maryland.
Developed roof garden concepts for a 7,200 sq. ft. therapeutic roof garden.

2006 *MacLean Residence – Pond Expansion & Chinese Gardens*, Mettawa, Illinois.
Developed concepts and details for a 2-acre pond and 5-acre Chinese garden. Elements include site grading, walls, waterfall, pavement designs, and formal courtyard.

Argonne National Laboratory – Sustainable Site Planning, Argonne, Illinois.
Developed concepts for a sustainable site plan for portions of the campus interior that includes native landscaping, porous pavement, bioswales, green roofs, shoreline enhancements, pedestrian walkways, outdoor plazas, and seating areas. Managed client, project, and Living Habitats’ production staff.

Ost Residence – Sustainable Master Plan, Elburn, Illinois.
Developed landscape master plan for existing residence on the 3-acre property. The plan preserves existing native Burr Oak trees, expands savanna restoration, and proposes new native gardens, swimming pool, deck, walls, outdoor kitchen, fireplace, hot tub, and arbors.

First Settlement Village – Sustainable Site Planning, Madison, Wisconsin.
Developed proposal for new urban development in a historic neighborhood. Concept plans included site plan, waterfront master plan, pedestrian and vehicular traffic circle.

Advantage Properties – Sustainable Site Planning, Highland Park, Illinois.
Developed concepts and planting plans for two new sustainable residences. Landscape developments include native gardens, cistern, and irrigation system that uses roof water collection to irrigate lawns.

2005 *Day-Saunders Residence* – Sustainable Site Plan, Glenview, Illinois.
Developed client relations and professional services contracts. Designed and produced conceptual drawings for infiltration-based landscape master plan that featured bio-infiltration dry creek bed as a linear rain garden, natural swimming pool, porous pavement, native gardens, restored woodland habitat, and hardscape features that are partially constructed from reclaimed site materials.

Neal and Luangpraseut Residence – Sustainable Site Plan, Marshfield, Wisconsin.
Designed and directed the production of conceptual drawings and design development drawings that include porous pavement, dry wells, stormwater infiltration bed, Japanese garden, bamboo fences, screening, covered bench, restored pond shoreline, naturalized stream, and beds for native plantings on the 10-acre site.

Pearson Residence – Sustainable Site Plan, Madison, Wisconsin.

Designed concepts for and produced construction drawings for porous pavement and driveway layout, rain chains with associated subgrade and infiltration design, retaining walls, central stormwater infiltration field, bamboo gates, stone piers, and custom lightings.

Chicago Botanic Garden – Japanese Garden Lake, Glencoe, Illinois.

Assisted with the production of shoreline restoration construction documents.

North Pointe Condominiums – Pond Shoreline Restoration, Evanston, Illinois.

Assisted project manager with the inventory and assessment of a 2-acre pond and its failing shoreline. Reviewed drawings and their production during concept development and implementation.

Employer

Conservation Design Forum (CDF), Inc. – Associate, Elmhurst, Illinois. Employed January, 1999-May, 2004

Design Projects

2004 *Illinois EPA & CDF, Green Roof Research Monitoring Project*, Elmhurst, Illinois. Project Manager.

Green roof research project was developed in association with the Environmental Protection Agency to investigate various green roof profiles for rainwater absorption and plant reliability.

Kansas City Central Public Library, Roof Garden, Kansas City, Missouri. Project Manager.

This 4000 sq. ft. roof garden project was initiated to furnish a newly constructed 7500 sq. ft. roof deck on the third floor of the renovated historic Kansas City Central Public Library in downtown Kansas City. Co-designed green roof engineering with Charlie Miller of *Roofscapes*.

2000/2004 *Peggy Notebaert Nature Museum*, Chicago, Illinois. Project Manager.

Green Roof Demonstration Garden – Demonstration roof garden features wetland, extensive, semi-intensive, and intensive roof gardens emphasizing native herbaceous vegetation.

Sustainable Master Site Plan – Features green roof education exhibit, children's educational urban garden, play fountains, new museum entrance garden, prairie and savanna restoration, seasonal environmental art, low energy lighting, a vegetated stone bluff wall exhibit, outdoor café with a butterfly garden and recirculating water feature, cisterns, infiltration beds, porous pavement, educational signage, and outdoor classroom. Developed concepts for, wrote and produced master plan text, graphics, and budget for the master plan document.

Greening of Walls and Extensive Green Roofs – Design features a three-story bluff wall exhibit, extensive green roofs that drain onto an ephemeral bluff wall waterfall, recycled rainwater from a cistern, outdoor classroom/council ring, recirculating pond, and native gardens, green roof monitoring (EPA funding), and vines on walls. Participated in an independent interview for the "making of the bluff wall exhibit" (Archived).

2003 *City of Chicago Green Bungalow Initiative project*. Project Manager.

CDF led the site redesign to implement LID stormwater management practices and native plantings. Four historic Chicago bungalows were restored and landscapes designed and implemented. Collaborations: Nathan Kipnis, AIA. http://www.homeenergy.org/graphics/HE_21-4_p24-30.pdf

2001/2003 *Villa Park Police Station, Sustainable Site Plan*, Villa Park, Illinois. Project Manager.

This tight urban infill certified LEED rated project features bio-infiltration swales, porous

pavement, an extensive green roof, native vegetation, outdoor seating, and an ADA accessible walkway that leads to an off-site regional greenway. As sub-consultant to the architect's team, I managed and co-designed the landscape and civil engineering design.

- 2000/** *Mossville Bluffs, Watershed Restoration Master Plan*, Peoria, Illinois. Project Manager.
2002 Master plan for restoring 38,000-acre watershed tributary to Lake Peoria. Document features a toolbox for sustainable watershed and site planning, Best Management Practices for stormwater infiltration, code and ordinance renovations, and publicizing the master plan. The client has begun the restoration of bluffs and has observed a considerable reduction of bluff erosion in burn-managed sites.
- 2000/** *Somme Woods, Watershed Restoration Plan*, Northbrook, Illinois. Project Manager.
2001 Developed watershed restoration master plan to restore small tributary of the Chicago North Branch River. Plan calls for numerous renovations to existing site construction including bioswales, infiltration trenches, porous pavement, native plantings, rain barrels, and green roofs. Responsible for client and project team development, watershed analysis, text, and graphics.
- 1999/** *Dunes Country, Sustainable Community Master Plan*, Furnessville, Indiana. Project Manager.
2001 Innovative sustainable community planning project proposes infiltration-based stormwater drainage, rainwater gardens, green roofs, porous pavement, community agriculture, greenways, mixed-use development, mixed housing, land application wastewater treatment, native areas restoration, and vernacular architecture. The design process featured many design charrettes including a week-long stormwater infiltration charrette in Uberlingen, Germany (with Herbert Dreiseitl), and an AIA continuing education charrette in Charlottesville, North Carolina.
- 1999/** *Chicago City Hall Green Roof Pilot Project*, Chicago, Illinois. Project Manager.
2000 This landmark green roof demonstration project features over 150 varieties of primarily native herbaceous and woody plants installed over 20,300 sq. ft. of extensive, semi-intensive, and intensive gardens. In addition to numerous awards, articles, and publications in books, this project has been the catalyst for the green roof movement in Chicago and across the Midwest.
- 1999** *City of Chicago Green Roof Design Manual and Specifications*, Chicago, Illinois. Project Manager. As sub-consultant to project team leader (Western Engineering), co-managed production of the *Green Roof Design Manual and Specifications* for the Department of Environment as preparation for the green roof pilot project.

Employer

Kurahashi & Associates – Landscape Designer, Portland, Oregon. Employed July 1995-December, 1998

Projects

- 1998** I-5/217 Interchange, Site Design, Lake Oswego, Oregon. Project Manager. Project management and conceptual design of interstate landscape and sound barrier walls for a new freeway interchange. Design features native vegetation, textured and colored sound barrier walls, and retaining walls.
- Hazelbrook-Jurgens Park, Master Site Plan*, Tualatin, Oregon. Project Manager. Project management, site analysis, and community workshop participation with MIG Associates.
- 1997** *Brown's Ferry Park, Master Site Plan*, Tualatin, Oregon. Project Manager. Project management, conceptual design, and construction documentation for the regional passive recreational park including canoe access, greenways, interpretive centers, and natural areas restoration.

Kalamath Tribes, Design Guideline Handbook, Kalamath, Oregon. Project Manager.
Production of text and graphics for a community development guideline handbook for Native American – owned tribal lands.

- 1996** *Rock Creek, Multi-Use Path*, Hillsboro, Oregon. Project Manager.
Project management, conceptual design, and construction administration for greenway and multi-use path crossing under highway bridges along Rock Creek.
- 1995** *Trails in Greenways Master Plan*, Tualatin, Oregon. Project Manager.
Responsibilities included project management, conceptual design, design development, construction documents, public presentations, and construction administration of six greenway projects.

Employer

James Martin & Associates – Landscape Designer, Vernon Hills, Illinois. Employed, April 1989 – August 1991

Design Projects

- 1991** *North School Park, Arlington Heights*, Illinois.
Project production, construction detailing, and co-design of the downtown urban park featuring water fountain, walkways, amphitheater, and stormwater detention.
- Habitat for Humanity, Urban Residential Design*, Chicago, Illinois.
Urban single-family residence designs include fencing, turf, and plantings.
- Cambridge Homes Subdivision Entry Designs*, Fox Chase, and College Trail.
- Private Residential Gardens & Master Plans*, Chicago metro area, Illinois.
- 1990** *Illinois Institute of Technology Campus Master Plan*, Wheaton, Illinois.
Project production and project design of courtyards, arboretum walks, lighting, and gathering spaces.
- Chicago Tribune Plaza Planting Plan*, Chicago, Illinois.
Prepared planting plan for roof deck plaza.
- Lincolnshire Streetscape Signage Program*, Lincolnshire, Illinois.
Production and design assistance for intersection and village entrance signage program.
- 1989** *Northwestern University Plaza*, Evanston, Illinois.
Design assistance and production of an interior courtyard.

Employer

Martin & Pitz Associates – Minneapolis, Minnesota. Internship, March-May, 1988
Model making and construction document drafting for various projects in Minneapolis.