

## CURRICULUM VITAE

### BRUCE DVORAK, PLA, ASLA

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#### Education

**Master of Landscape Architecture** (1994) University of Illinois, Urbana/Champaign  
*Master's Thesis Research:* Reading the margins: perceptions of east central Illinois farmland

**Bachelor of Landscape Architecture** (1988) University of Minnesota, Twin Cities

#### Professional Registrations & Certifications

**Landscape Architect**, Texas (by reciprocity) Number 2472 (active); Illinois (by examination) Number 157001235 (inactive).

#### Academic Awards, Recognitions & Honors

**2018** *Merit Award for Research*, Texas Chapter of American Society of Landscape Architecture, April 19, 2018.

**2017** *Award of Research Excellence* from the international organization *Green Roofs for Healthy Cities*: for my paper *Green roof vegetation for North American ecoregions: A literature review*. Dr. Astrid Volder was co-author.

**2016** Award given to Dr. Richard Sutton. *2016 Green Roof and Wall Award of Research Excellence*: for the book, *Green Roof Ecosystems*, Edited by Dr. Richard Sutton. My Chapter "Eco-Regional Case Studies", was one of 17 chapters and was one of twenty-two invited authors.

Mentor/Teacher Recognition from Colonel Gerald L. Smith, Director Texas A&M University Veteran Resource & Support Center for "most influential faculty" from Randy R. Breeding, MLA 2016.

**2013** Invited Editorial Board Member, *Journal of Living Architecture*

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 researches selected for 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.

## Award as Mentor or Studio Teacher

- 2018** “Celebration of Excellence award and Third Prize City of Guelph Market Hall International Design Competition, Panwang Huo, MArch final study, chair: Dr. Ahmed Ali, Dr. Liliana Beltran, member, Prof. Bruce Dvorak, member, Prof. Ray Holiday, studio instructor.
- 2017** “Celebration of Excellence”, semifinalist Andrew Gazda, “Gap to Gateway” the transformation of a negative limit into a positive one, Chairs: O’Brien, Roldan and B. Dvorak as 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, ASLA National, “Sifting the Landscape: Transforming Vacant Landscape with Smart Decline”, Dayton, Ohio, Yuxian Li, October 21 (as member of final study committee, Dr. Galen Newman Chair).
- 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, 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, final study (as final study committee member, Dr. Changshan Huang chair).

## Employment History

### Present

- 2014-** *Associate Professor, MLA Program Coordinator (2015)*, Texas A&M University, College of Architecture, Department of Landscape Architecture and Urban Planning, College Station, Texas.

**Previous**

- 2007-2014** **Assistant Professor**, Texas A&M University, College of Architecture, Department of Landscape Architecture and Urban Planning, College Station, Texas.
- 2007-2004** **Living Habitats, LLC** – *Management and Design*, Chicago, Illinois. Landscape architecture and master planning.
- 2004-1999** **Conservation Design Forum, Inc.** – Associate, Elmhurst, Illinois. Landscape architecture and master planning.
- 1999-1995** **Kurahashi & Associates** – Landscape Designer, 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** **James Martin & Associates** – Landscape Designer, Vernon Hills, Illinois. Commercial and residential design.
- 1988** **Martin & Pitz Associates** – Minneapolis, Minnesota. Internship, March – May.

**Affiliations**

- 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

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### Research and Project Funding

- 2017** Ali, Ahmed, Dvorak, Bruce, “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.
- 2017** Dvorak, Bruce, “City of Conroe, Arboretum MLA Final Study”, \$10,000.00.
- 2016** Dvorak, Bruce, “Camp Eagle Master Plan Restoration MLA Final Study” \$4,000.00.
- 2015** Dvorak, Bruce, “Schob Nature Preserve Prairie Planting and Interpretation” \$3,000.
- 2015** *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.
- 2014** **Bruce Dvorak**, LAUP (Co-PI), 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.
- 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** Landscape Architecture Foundation Case Study Investigation, Four Projects. \$6,720.
- 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.

### Publications

\*indicates student

### Journal Articles (Peer-reviewed)

- 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
- 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 <http://greenroofs.org/resources/JOLA%5B4%5DDvoraketel.pdf>

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.  
[http://journal.hep.com.cn/webpub/cipub/articledetail?locale=en\\_US&articleid=7CE18340-412B-11E3-8340-E2F040B081F8&journalid=30003&jyear=2013&issue=4&type=](http://journal.hep.com.cn/webpub/cipub/articledetail?locale=en_US&articleid=7CE18340-412B-11E3-8340-E2F040B081F8&journalid=30003&jyear=2013&issue=4&type=)

Volder, A. and **Dvorak, B.**, 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). Google Scholar citations (20).

**Dvorak, B. D.** and Volder, A., Plant establishment on unirrigated green roof modules in a subtropical climate. *AoB Plants*, (2013) 5: pls049 doi: 10.1093/aobpla/pls049 First published online: December 20, 2012, (online only) pp. 1-10. Journal Impact Factor 1.743 Google Scholar citations (13).

**Dvorak, B.** and Volder, A., Rooftop temperature reductions from unirrigated modular green roofs in south-central Texas, *Urban Forestry & Urban Greening*, Vol. 11(4), 2012, pp. 28-35. Journal impact factor: 1.270. Google Scholar citations (26).

**Dvorak, B.**, Comparative Analysis of Green Roof Guidelines and Standards in Europe and North America, *Journal of Green Building*, Vol. 6 (2) 2011, pp. 170-191. Google Scholar citations (10).

Aitkenhead-Peterson, J. A., **Dvorak, B.**, Volder, A. and \*Stanley, N., Chemistry of growth medium and leachate from green roof systems in south-central Texas. *Urban Ecosystems*, 14 (1), 2010, pp. 17-33. Google Scholar citations (35).

**Dvorak, B.** and Volder, A., Green roof vegetation findings for North American ecoregions: A literature review. *Landscape and Urban Planning*, 96 (4), 2010, pp. 197-213. Google Scholar citations (166), 5-Year Journal Impact Factor: 3.101.

## Book Chapters (Invited)

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

**Dvorak, B.**, Chapter 16 "Case Studies of Constructed Eco-regional Green Roofs", *Green Roof Ecosystems* (2015).

Li, M.-H., **Dvorak, B.**, and \*Sung, C. Y. For *Urban Ecosystem Ecology* edited by Dr. Jacqueline Aitkenhead-Peterson and Dr. Astrid Volder. Chapter titled "Bioretention, Low Impact Development, and Stormwater Management," August, 2010, pp. 413-430. Google Scholar citations (6).

## Conference Papers (Peer-reviewed)

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.** *Managing Stormwater with Green Roofs: Findings From North American Research*, Landscape Research Record, No. 3. Council of Educators in Landscape Architecture, October, 2016, 39-52.
- Dvorak, B.** Laminack, K., Volder, A., Conlee, D., Living wall plant survival in a hot-humid climate, 12<sup>th</sup> 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) 148-156. HSW
- Dvorak, B.**, Byerley, B. and Volder, A., 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 2012, pp. 1-10. HSW
- Dvorak, B.**, Managing stormwater with green roofs: findings from North American research, CELA Conference, Finding Center, the University of Illinois, Urbana, Illinois, March 27-30, 2012.
- Dvorak, B.**, Volder, A. and Aitkenhead-Peterson, J. A., 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, 2011, pp. 1-10. HSW
- Dvorak, B.** and Volder, A., Green Roof Plants: Strategies for Success, CELA Conference Urban Nature, Los Angeles, California, March 30th-April 2, 2011. HSW
- Dvorak, B.**, 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, 2010, pp. 1-7.
- Dvorak, B.**, 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, 2009, pp. 1-8
- Dvorak, B.**, 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, 2009, pp. 1-8.
- Dvorak, B.**, Constructing with Green Roof Technology. Paper presented at the CELA 2008-2009, Teaching + Learning Landscape Conference, Tucson, Arizona, January 14-17, 2009, pp. 120-124. HSW
- Dvorak, B.**, and Carroll, K., 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, 2008, pp. 1-10. HSW
- 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, pp. 1-10.
- Dvorak, B.**, 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, 2003, pp. 1-10.

**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, pp. 1-7.

### **Conference Abstracts (Peer-reviewed)**

**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" 12<sup>th</sup> 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.** 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.** Regulating Lines making use of imaginary lines and landscape design creativity, CELA Conference Beijing, China, May 26-29, pp. 1-10.

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

Li, Ming-Han, **Dvorak, Bruce**, \*Luo, Yi, Manskey, Jim, 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, 2014, pp. 1-10. HSW

Li, Ming-Han, **Dvorak, Bruce**, \*Lou, Yi, and Baumgarten, 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, pp. 543-553. HSW

**Dvorak, B.**, 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, 2010, pp. 120-124.

### **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)**

\*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. (Mar. 2013). 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

**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.

### Industry Articles (Invited, Peer-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.**, 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](http://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., Mclvor 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'* web site (2004 through 2007: [www.livinghabitats.com](http://www.livinghabitats.com)).

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

### Technical Research Reports (not refereed)

**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.** 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

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### 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 an 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 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 a 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. 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). This high-impact learning course teaches students about green roof and living wall technology by engaging students with hands-on research, assist 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 final project.

**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 in an effort 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 compiled in booklet and posters.

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

**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.

**URSC 460 Germany Sustainable Communities** (Summer I, 2011-2012). This course introduces concepts and principles of sustainable community design in Germany. Learning activities include lecture, readings (sustainability literature), and field visits of 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

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

<b>Year</b>	<b>Semester</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hrs.</b>
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
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	Introduction 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

\*course taught for the first time; \*\*new course.

### Teaching Skill Enhancement

**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 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

- 2019** Keynote and Workshop leader. *Ecoregional Green Roofs: North American Case Studies, and Green Roofs 101: materials and methods*. University of Arkansas. Green Roofs on Campus, March 15, 2019
- 2018** “Ecoregional Green Roofs: Desert Southwest”, Invited presentation to the Department of Biological Sciences, University of Texas El Paso, October 29, 2018.
- “Ecoregional Green Roofs”, Invited presentation to Green Roof Imitative Think Tank (*GRIT*), Portland, Oregon September 19, 2018.
- LAND412 Invited guest studio lecture: Dr. Chanam Lee February 19, 2018. Guest studio critic. Guest critic March 5, 2018
- LAND 101, January 26, 2018, Introduction to Green Roof Technology, invited by Dr. Chanam Lee.
- 2017** “Introduction to Green Roof Technology,” LAND 101, Invited by Dr. Eric Bardenhagen, March 10, 2017.
- 2016** “Introduction to Green Roof Technology,” LAND 200, Invited by Dr. Jun Hyun Kim, November 6, 2016.
- “Historic Habitats and Schob Nature Preserve “, URPN 330 students on. Invited by Geoffrey J. Booth, February 15, 2016.
- 2015** “Introduction to Green Roof Technology,” LAND 200, November 6, 2015.
- 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, 2014

"Interdisciplinary Green Roof and Living Wall TOP Grant Research on the Langford Building," LDEV 671, Texas A&M University, April 22.

**Invited Keynotes**

"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.

"Challenges of green roofs and living walls in arid and semiarid climates.", Infraestructura Vegetal De Edificios: Experiencia Internacional Y Nacional, School of Engineering of the Pontifical Catholic University of Chile, May 13.

"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.

"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", ALB, Bonn, Germany, November 19.

"Understanding Elements of Green Roof Design," Emerging Green Builders Lecture Series, Texas A&M University, April 24.

"Introduction to Green Roof Technology," LAND 200, April 12, 2013.

**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," COSC 663, Texas A&M University, November 5.

"Sustainable Construction with Green Roof Technology," ARCH 435 Integrated Systems class, Texas A&M University, October 31.

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

"Texas A&M University Interdisciplinary Green Roof Group," Green Roof Symposium, Oklahoma City, Oklahoma, July 7.

"Elements of Green Roof Design," LAND 331 (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," RPTS 402 Texas A&M University, October 18.

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

"Green Roofs to Roof Gardens: application of an emerging technology," 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," ARCH 435 Integrated Systems class, Texas A&M University, October 13.

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

"Green Roofs in Sustainable Development," 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, 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, LAND 645, September 15.

"Green Roofs and Sustainable Design," LAND DEV 671 Sustainable Development, Texas A&M University, April 28.

"Teaching, Research and Service," 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, LAND 200, November 11.

"Introduction to Landscape Architecture," Texas A&M University, CARC 485, October 14.

"Introduction to Roof Gardens and Green Roof Technology," Texas A&M, LAND 200, February 29.

"Conserving Energy with Green Roof Technology," Texas A&M University, 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, Guest Lecturer, 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** "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 ASLA Annual Spring Conference, Madison, Wisconsin, March.
- 2003** "Landscapes for Historic Homes," Downers Grove Park District, February.
- "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.
- "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&amp;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

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
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
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) Mustafa Sharif	Member	Ph.D. URS	<i>Managers Attitudes Toward Green Energy in Rural Texas</i>	Dec, 2015
42) Brain Jones	Member	WMHS	<i>Stormwater management</i>	May, 2016
43) Kendall Rabee	Chair	MLA	<i>Bryan Farmer's Market</i>	May, 2016
44) Jinglin Lu	Chair	MLA	<i>Bryan Farmer's Market</i>	May, 2016
45) Tiantian Lyu	Chair	MLA	<i>Bryan Farmer's Market</i>	May, 2016
46) Ixchel Granada	Member	MLA	<i>Master Plan for Austin School</i>	May, 2016
47) Philip Roberts	Member	MLA	<i>Master Plan for City of College Station</i>	May, 2016
48) Yuxian Li	Member	MLA	<i>Smart Decline, Transforming Vacant Land</i>	May, 2016

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
49) Randy Breeding	Chair	MLA	<i>City of Bryan, Texas Greenway</i>	Dec, 2016
50) Amanda Owens	Chair	MLA	<i>Camp Eagle Master Plan, Rock Springs, TX</i>	May, 2017
51) Xin Zhu	Chair	MLA	<i>Camp Eagle Master Plan, Rock Springs, TX</i>	May, 2017
52) Andrew Gazda	Member	March	<i>Houston Pierce Elevated Restoration</i>	May, 2017
53) Hannah Ortolon	Member	March	<i>Preservation of Historic Texas Square</i>	May, 2017
54) Changsuk Han	Member	March	<i>Academic Medical Center and Campus</i>	May, 2017
55) Xuehao Yang	Member	March	<i>Healthcare Campus Design</i>	May, 2017
56) Yiwei Lu	Member	MLA	<i>Wedding and Event Center Pennsauken, NJ</i>	May, 2017
57) Xinyi, Bu	Member	MLA	<i>Integrated Healthy Community Design</i>	May, 2018
58) Binjie, Zhao	Member	MLA	<i>Integrated Healthy Community Design</i>	May, 2018
59) Kaidi, Ye	Member	MLA	<i>Healing Environment Design for Emei China</i>	May, 2018
60) Carolina Pena Rojas	Chair	MLA	<i>City of Conroe Arboretum &amp; Botanic Garden</i>	May, 2018
61) Xinyi, Bu	Member	MLA	<i>Healing Environment Design for Emei China</i>	May, 2018
62) Di, Chen	Member	March	<i>Design of Nursing Home in Texas</i>	May, 2018
63) Shi, Shu	Member	March	<i>Design of a healthcare facility in Africa</i>	May, 2018
64) Yu, Zhang	Member	March	<i>Competition for "Architecture at Zero"</i>	May, 2018
65) Kelsie, Kaatz	Member	March	<i>Rehabilitation facility in Texas</i>	May, 2018
66) Panwang, Huo	Member	March	<i>Facility design for healthcare competition</i>	May, 2018
67) Jaizi, Liang	Member	March	<i>Regional Medical Center Tower: Fresno, CA</i>	May, 2018

## SERVICE

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### Invited Editorial

- 2013** Editorial board member, *Journal of Living Architecture* (current)
- 2006/2012** Friends of FA (*Fabric Architecture* magazine) Advisory Editorial Board (Member).
- 1996** *OregonLand*, Oregon Chapter ASLA Quarterly Newsletter (Co-editor, 1996-1998)

### INVITED SERVICE – COMMUNITY & NATIONAL ORGANIZATIONS

#### 2016-2019

Invited reviewer of two scientific journal articles. Reviewed two CELA conference abstracts and one full conference paper.

- 2015** Invited session moderator, at 10<sup>th</sup> 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).

Accepted invitation to be a member of the Editorial Board for the *Journal of Living Architecture* (2013)

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 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). Guidelines was passed, 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 Draft chapter book, 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-reviewer for Green Roofs for Healthy Cities, Annual Conference, San Francisco (2 papers).

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

Scientific journal peer-reviewer of four manuscripts.

- 2012** Scientific paper peer-reviewer for Green Roofs for Healthy Cities, Annual Conference, Philadelphia, Pennsylvania (35 abstract proposals).
- Scientific journal peer-reviewer of four manuscripts.
- 2011** Green College Station Task Force Member, City of College Station, Texas (dissolved December).
- Book reviewer for 2 books (Wiley).
- Scientific journal peer-reviewer of five manuscripts.
- Scientific paper peer-reviewer for Green Roofs for Healthy Cities, Annual Conference, Philadelphia, Pennsylvania (13 abstract proposals).
- 2010** Scientific paper peer-reviewer 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-reviewer 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](http://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**

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

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

- 2018** Member – TAMU Design Review Board Sub-council.

- 2017** Member – TAMU Design Review Board Sub-council.

- 2016** Member – TAMU Design Review Board Sub-council.

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)

### **College of Architecture, Texas A&M, University**

- 2019** Member – College of Architecture, Department Head search committee (architecture)

- 2016** Member – College of Architecture, Department Head search committee (architecture)

- 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**

**2019** MLA Program Coordinator

Member – Promotion and Tenure Committee (appointed)

Member – Landscape Architecture BLA/MLA Program Committee

Member – Grade Appeals Committee

**2018** MLA Program Coordinator

Member – Promotion and Tenure Committee (appointed)

Member – Landscape Architecture BLA/MLA Program Committee

Member – Grade Appeals Committee

Member Faculty Search Committee

**2017** MLA Program Coordinator

Co-Chair – Partnership for Community Outreach

Member – Promotion and Tenure Committee (appointed)

Member – Landscape Architecture BLA/MLA Program Committee

Member – Grade Appeals Committee

**2016** MLA Program Coordinator

Co-Chair – Partnership for Community Outreach

Member – Promotion and Tenure Committee (appointed)

Member – Peer Review Teaching Committee (invited)

Member – Landscape Architecture BLA/MLA Program Committee

Member – Grade Appeals Committee

**2015** MLA Program Coordinator

Chair – Departmental tenure-track faculty search (result: hired Dr. Merrill).



- Co-Chair – Partnership for Community Outreach
- Member – Lecture Committee
- Member – Landscape Architecture BLA/MLA Program Committee
- Member – Grade Appeals Committee
- 2014** Co-Chair – Faculty search committee (landscape architecture)
- Co-Chair – Partnership for Community Outreach
- Member – Lecture Committee
- Member – Landscape Architecture BLA/MLA Program Committee
- Member – Grade Appeals Committee
- 2013** Co-Chair – Faculty search committee
- Co-Chair – Partnership for Community Outreach
- Member – Landscape Architecture BLA/MLA Program Committee
- 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
- Member – Lecture Series Committee
- Member – Grade Appeals Committee
- 2011** Member – Landscape Architecture BLA/MLA Program Committee
- 2010** Member – Landscape Architecture BLA/MLA Program Committee
- Member – Lecture Series Committee
- Member – Faculty Search Committee
- Member – Grade Appeals Committee
- Faculty Advisor – Texas ASLA, TAMU Student Chapter
- 2009** Member – Landscape Architecture BLA/MLA Program Committee
- Member – Department of Landscape Architecture and Urban Planning Lecture Series Committee

Member – Faculty Search Committee

**2008** Member – Landscape Architecture BLA/MLA Program Committee  
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 EXPERIENCE

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### Refereed Professional Design Awards

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

Honor Award, for Planning & Analysis, ASLA Illinois Chapter, Mossville Bluffs Watershed Restoration Master Plan (with Conservation Design Forum).

**2002** Merit Award, ASLA National, Chicago City Hall Green Roof (with Conservation Design Forum).

Honor Award, ASLA Illinois Chapter, Chicago City Hall Green Roof (with Conservation Design Forum).

**2001** Merit Award, ASLA Illinois Chapter, Dunes Country Sustainable Community Master Plan (with Conservation Design Forum).

**1992** Merit Award, ASLA Illinois Chapter, 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 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 production of the competition submission. 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.

### 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 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 3-acre property. Plan preserves existing native Burr Oak trees, expands savanna restoration, and proposes new native gardens, swimming pool, deck, walls, outdoor kitchen, fire place, hot tub, and arbors.

First Settlement Village – Sustainable Site Planning, Madison, Wisconsin.  
Developed proposal for new urban development in 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 contract. Designed and produced conceptual drawings for infiltration-based landscape master plan that featured bioinfiltration dry creek bed as 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 production of conceptual drawings and design development drawings that include porous pavement, dry wells, stormwater infiltration bed, Japanese garden, bamboo fences, screening and 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, Inc.** – Associate, Elmhurst, Illinois. Employed January, 1999-May, 2004

### Projects

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

*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 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 cistern, outdoor classroom/council ring, recirculating pond and native gardens, green roof monitoring (EPA funding), and vines on walls. Participated in independent interview for the “making of the bluff wall exhibit” featured at the museum’s web site: <http://www.chias.org/greenroof/museum.html>.

- 2003** City of Chicago Green Bungalow Initiative project. 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](http://www.homeenergy.org/graphics/HE_21-4_p24-30.pdf)
- 2001/2003** Villa Park Police Station, Sustainable Site Plan, Villa Park, Illinois.  
This tight urban infill certified LEED rated project features bioinfiltration 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 subconsultant to architect’s team, I managed and co-designed the landscape and civil engineering design.
- 2000/2002** Mossville Bluffs, Watershed Restoration Master Plan, Peoria, Illinois.  
Master plan for restoring 38,000-acre watershed tributary to Lake Peoria. Document features a tool box 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 restoration of bluffs and has observed a considerable reduction of bluff erosion in burn-managed sites.
- 2000/2001** Somme Woods, Watershed Restoration Plan, Northbrook, Illinois.  
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.
- 1999/2001** Dunes Country, Sustainable Community Master Plan, Furnessville, Indiana.  
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 waste water treatment, native areas restoration, and vernacular architecture. 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.
- 1999/2000** Chicago City Hall Green Roof Pilot Project, Chicago, Illinois.  
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.  
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 management and conceptual design of interstate landscape and sound barrier walls for new freeway interchange. Design features native vegetation, textured and colored sounds barrier walls and retaining walls.
- Hazelbrook-Jurgens Park, Master Site Plan, Tualatin, Oregon.  
Project management, site analysis, and community workshop participation with MIG Associates.
- 1997** Brown's Ferry Park, Master Site Plan, Tualatin, Oregon.  
Project management, conceptual design, and construction documentation for regional passive recreational park including canoe access, greenways, interpretive centers, and natural areas restoration.
- Kalamath Tribes, Design Guideline Handbook, Kalamath, Oregon.  
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 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.  
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

### Projects

- 1991** North School Park, Arlington Heights, Illinois.  
Project production, construction detailing, and co-design of 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** IIT 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 interior courtyard.

## **Employer**

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