

Christopher K. Sass, Ph. D.
Associate Professor & Chair
Department of Landscape Architecture
College of Agriculture, Food, and Environment
University of Kentucky

Education

- 2011 **Ph.D. Environmental Design & Planning: Emphasis in Sustainability**
Kansas State University
Advisor: Dr. Tim Keane
- 2008 **Master of Landscape Architecture**
Kansas State University
Advisor: Dr. Tim Keane
- 2004 **Bachelor of Science - Biology**
Missouri Western State College
Advisor: Dr. John Rushin

Academic Experience

University of Kentucky

Department of Landscape Architecture

Associate Professor

Department Chair

Director of Undergraduate Studies

Assistant Professor

Natural Resources and Environmental Sciences

Steering Committee Member

Advisor

May 2019 – Present

August 2022 - Present

October 2019 – August 2022

July 2013 – May 2019

July 2016 – August 2023

July 2016 - Present

Kansas State University

Department of Landscape Architecture/Regional & Community Planning

Instructor

Teaching & Research Assistant

2010, 2012 - 2013

2006 - 2009

Teaching, Advising, and Mentoring

Courses Taught

- S-2022 LA 271: *Design Implementation I*
LA 395: *Independent Study: Abigail Phelps*
LA 531: *Water in the Urbanizing Landscape*
- F-2022 LA222: *Design Studio II*
- S-2022 LA 271: *Design Implementation I*
LA 398: *Professional Development I*
LA 395: *Independent Study: Abigail Welp*
LA 531: *Water in the Urbanizing Landscape*
Honors Thesis – Abigail Welp
- F-2021 LA222: *Design Studio II*
LA395: *Independent Study: Kimberly Chalk, Abigail Welp*
- S-2021 LA 398: *Professional Development I*
LA 531: *Water in the Urbanizing Landscape*
UCF410: *Urban & Community Forestry Capstone*
- F-2020 LA222: *Design Studio II*
LA345: *Design with Plants*
LA395: *Independent Study in LA: Kaleb Matoszyk*
- S-2020 LA426: *Design Studio VI* (Lana Proffitt)

- LA 531: *Water in the Urbanizing Landscape*
 UCF410: *Urban & Community Forestry Capstone*
- F-2019 LA222: *Design Studio II*
 LA345: *Design with Plants*
 GEN100: *Issues in Agriculture* (Overload)
- S-2019 NRE471: *Senior Problems in Natural Resources*
 LA426: *Design Studio VI* (Tessa Hall, Tahlia Gore, Megan Griebel, Andrew Smith, Brooke Tyree, Jacob Johnson)
 LA 531: *Water in the Urbanizing Landscape*
- F-2018 LA222: *Design Studio II*
 LA 345: *Design with Plants*
 LA105: *Introduction to Landscape Architecture* (Co-instructor)
- S-2018 LA 271: *Design Implementation I* (Co-instructor)
 LA426: *Design Studio VI* (Michelle Hunerkoch)
 LA 531: *Water in the Urbanizing Landscape*
- F-2017 LA222: *Design Studio II*
 LA 345: *Design with Plants*
 LA105: *Introduction to Landscape Architecture* (Co-instructor)
- S-2017 LA 271: *Design Implementation I* (Co-instructor)
 LA 426: *Design Studio VI* (Andy Lodder, Morgan Dunay)
 LA 531: *Water in the Urbanizing Landscape*
- F-2016 LA 222: *Design Studio II*
 LA 345: *Design with Plants*
 LA 395: *Independent Study in LA* (Morgan Dunay)
- S-2016 LA 397: *Water in the Urbanizing Landscape*
 LA 426: *Design Studio VI* (Wes Griffith)
- F-2015 LA 222: *Design Studio II*
 LA 345: *Design with Plants*
- S-2015 LA 397: *Water in the Urbanizing Landscape*
- F-2014 LA 223: *Design Studio III*
 LA 105: *Introduction to Landscape Architecture*
- S-2014 LA 897: *Water in the Urbanizing Landscape*
 LA 834: *Design Studio IV*
- F-2013 LA 105: *Introduction to Landscape Architecture* (Co-instructor)
 LA 205: *History of Landscape Architecture*

Typical Advising Load

Landscape Architecture: 10 students/semester

Natural Resources and Environmental Sciences: 5 students/semester

Student Honors / Awards

Andy Lodder, Publication, *Urban Forestry and Urban Greening*

Morgan Dunay, ASLA Kentucky Student Design Merit Award, 2018

Alex Kistler, Oswald Research and Creativity Awards. 2nd Place Design Category, December 2017

Wes Griffith, ASLA Kentucky Student Design Merit Award, 2017

Student presentations

Bluegrass Greensource Sustainability Summit. May 12, 2022. Lexington, KY. Environmental Justice: Removing the Blindfold: From Research to Action. Panel on environmental equity. Clay Turner (NRES major, UFI student intern).

Showcase of Undergraduate Scholars. April 26, 2022. Lexington, KY. *Equitably enhancing Lexington's urban tree canopy through collaborative site evaluation of potential planting locations*. Clay Turner (NRES major, UFI student intern).

Partners in Community Forestry National Conference. Nov. 17th, 2021. Louisville, KY. Let's talk: Environmental Equity. Clay Turner (NRES major, UFI student intern).

Showcase of Undergraduate Scholars. April 25, 2018. Lexington, KY. *The Aesthetic Preference of Bio-infiltration Systems in Kentucky.* Michelle Hunerkoch.

Oswald Research and Creativity Awards. December 1, 2017. *The Woodlands: A naturally designed residential landscape.* Alex Kistler.

Showcase of Undergraduate Scholars. April 26, 2017. Lexington, KY. *The Aesthetic Preference of Bio-infiltration Systems in Kentucky.* Morgan Dunay.

Showcase of Undergraduate Scholars. April 27, 2016. Lexington, KY. *Re-establishing the Playground: Using Nature Play to Expand and Challenge Children of All Ages.* Wes Griffith.

Showcase of Undergraduate Scholars. April 29, 2015. Lexington, KY. *Geomorphic Changes in Inner Bluegrass Streams, Lexington, KY.* Nathan Wright and Brandon Coggeshall.

Posters at the Capitol. February 19, 2015. *Geomorphic effects of urbanization on Inner-Bluegrass streams.* (Undergraduate research forum, statewide selection process). N. Wright, B. Coggeshall.

Oswald Research and Creativity Awards. November 3rd, 2014. *Stream channel change in Lexington, Kentucky.* N. Wright and B. Coggeshall.

Research

Grants

Southern Region and International Institute of Tropical Forestry – Landscape Scale Restoration Program. L. Rieske-Kinney, M. Arthur, **C. Sass**. 2022. Tree Week: Messaging and engaging in urban and community forestry for all. Kentucky Region.

Amount Requested: \$400,000 Amount Awarded: Not yet awarded

LFUCG Stormwater Incentive Grant. **C. Sass**, S. Tedder, D. Byrne, M. Dreckman (PI). 2022

To design and place tree wells in campus parking lot along with data collection over time.

Amount Requested: \$360,000 Amount Awarded: \$360,000

UK Sustainability Challenge Grant. J. Koo (PI), D. Vivian, R. Hargrove, C. Sass (co-PI), C. Eby, S. Finney et al. 2021. Re-visioning Hunteertown: From African American freetown to interpretive public place.

Amount Requested: \$50,000 Amount Awarded: \$42,000

UK Sustainability Challenge Grant. M. Arthur, C. Sass, L. Rieske-Kinney. 2020. Preparing our Urban Forests for our Changing Climate.

Amount Requested: \$15,500 Amount Awarded: \$15,500

UK Student Sustainability Council Grant. Tree Week 2020. L. Rieske-Kinney, M. Arthur, C. Sass.

Amount Requested: \$9,551 Amount Awarded: \$9,551

Kentucky Department of Forestry. M. Arthur, **C. Sass**, L. Rieske-Kinney. 2020. Development of Tree Week Lexington and other Urban Forestry work.

Amount Requested: \$10,000 Amount Awarded: \$10,000

UK Student Sustainability Council Grant. M. Arthur, C. Sass, L. Rieske-Kinney. 2019. TreeCAT's training workshop to educate students on urban forestry issues.

Amount Requested: \$13,942 Amount Awarded: \$13,942

Southern Region and International Institute of Tropical Forestry – Landscape Scale Restoration Program. L. Rieske-Kinney, M. Arthur, **C. Sass**. 2019. Development of urban forestry enhancement at the urban-rural gradient in small municipalities. Kentucky Region.

Amount Requested: \$406,000 Amount Awarded: \$406,000

American Synthetic Rubber Company, Rubbertown Masterplan. C. Sullivan & **C. Sass** (Co-PI). 2018. Masterplan landscape and tree placement study for Rubbertown in Louisville, KY

Amount Requested: \$99,000 Amount Awarded: \$99,000

USDA Higher Education Challenge Grants Program. E. Crocker, L. Rieske-Kinney, M. Williams, M. Arthur, **C. Sass** (CO-PI). 2018. Development of undergraduate certificate in urban and community forestry.

Amount Requested: \$146,273 Amount Awarded: \$150,000

LFUCG Stormwater Incentive Grant. Gresham, Smith and Partners, **C. Sass** (Collaborator). 2016. My portion is assessment of aesthetic preferences in low socio-economic areas, specifically in Kentucky.

Amount Requested: \$24,950 Amount Awarded: \$24,950

Landscape Architecture Foundation – Landscape Performance Education Grant. **C. Sass** (PI). 2016. Grant submission to incorporate landscape performance into the BSLA curriculum and courses.

Amount Requested: \$2,500.00 Amount Awarded: Not funded

University of Kentucky Summer Research Grant. Morgan Dunay, PI, **C. Sass** (Faculty Sponsor). 2016. Morgan began and continues to study bio-infiltration aesthetics in the Kentucky region. This information will aid designers in the region to provide aesthetically pleasing designs that people appreciate while functioning as infiltration basins.

Amount Requested: \$2,000.00 Amount Awarded: \$2,000.00

University of Kentucky - Sustainability Challenge Grant. **C. Sass** (PI). 2015. Proposal to install a monitored wet meadow at the newly constructed restroom facility at the Arboretum.

Amount Requested: \$21,000 Amount Awarded: \$21,000

Five Star Urban and Waters Grant, National Fish and Wildlife Foundation: **C. Sass** & Zina Merkin (CO-PI). 2015. Working with the Town Branch community, Zina and I proposed using a class to assess locations near the Pepper Distillery area and design off-stream infiltration basins along the Town Branch corridor. Nationally competitive.

Amount Requested - \$2,630.00 Amount awarded – Not Funded

Landscape Architecture Foundation-Case Study Investigation: **C. Sass** (PI). 2014. Working through the Landscape Architecture Foundation, three case study proposals were submitted for the summer of 2015. These projects include Loch Norse at Northern Kentucky University, Lower Howard's Creek Nature and Heritage Preserve, and Alumni Plaza at the University of Kentucky. Nationally competitive.

Amount requested - \$6,720.00 Amount awarded - \$6,720.00

University of Kentucky Sustainability Challenge Grant: **C. Sass** and Molly Davis (CO-PI). 2014. Working with other departments such as Horticulture, PPD and the Arboretum, a set of bioswales were proposed for construction at the Arboretum entrance drive. These swales are to serve as water infiltration basins and educational examples for bio-infiltration. University competitive.

Amount Requested - \$17,000.00 Amount awarded – \$15,000.00

LFUCG Class B Stormwater Incentive Grant Feasibility Study: **C. Sass** (PI), C. Taylor, S. Tedder. 2014. Working specifically with Kappa Delta and Shane Tedder of the University of Kentucky Sustainability Office, a proposal was submitted to study the feasibility of green infrastructure

in the Greek area of campus. This proposal was written by C. Sass with input provided by M. Bender and C. Taylor. Regionally competitive.

Amount requested - \$22,000.00 Amount awarded – Not Funded

Teaching Innovation and Incentive Fund UK CAFE College Grant: C. Sass and T. Nieman (CO-PI). 2013.
Requested more modern equipment to accentuate student learning with newer technologies to vertically profile streams and other landforms. College competitive.

Amount requested - \$5,391.00 Amount awarded - \$4,000.00

Publications

Note: First position authorship indicates primary person responsible, additional authors in decreasing order of importance unless noted otherwise. *Designates undergraduate student.

Refereed Journals and Invited Work

Sass, C., B. Lee, C. Turner* & M. Rutledge. (In prep). Statistically linking “redlining” (1933 HOLC) with tree canopy coverage across 132 U.S. cities.

Sass, C., A. Lodder* & B. Lee. 2019. Combining biophysical and socioeconomic suitability models for urban forest planning. *Urban Forestry & Urban Greening*. 38, 371-382.

Sass, C. & C. Sullivan. 2019. More than trees and seeds: Changing student mindsets and neighborhood environments through service-learning and planting designs. *J. of North American Colleges and Teachers of Agriculture (J-NACTA)*. 63(1), 1-9.

Keane T. & **C. Sass**. 2017. Geomorphic Stream Channel Succession and Sediment Dynamics in NE Kansas, USA. *Journal of American Water Resources Association (JAWRA)*.

Gumbert, A., C. Agouridis, and **C. Sass** .2017. *Central Kentucky Backyard Stream Guide*. ID-242. Cooperative Extension Service.

Sass, C. & T. Keane. 2016. Inventory and analysis of the Black Vermillion River system riparian corridors. *Landscape Journal*. 35(1).

Sass, C. & B.W. Griffith*. 2015. Landscape Architecture Foundation-Case Study Investigations: Case Study of UK Alumni Plaza. LAF-CSI Website. <http://landscapeperformance.org/case-study-briefs>.

Sass, C. & B.W. Griffith*. 2015. Landscape Architecture Foundation-Case Study Investigations: Case Study of NKU Norse Commons. LAF-CSI Website. <http://landscapeperformance.org/case-study-briefs>.

Sass, C. & T. Keane. 2012. *Application of Rosgen's BANCS model for NE Kansas and the development of predictive streambank erosion curves*. *Journal of American Water Resources Association (JAWRA)*. 48 (4), 774-787.

Sass, C. & T. Keane. 2009. *Historical inventory and analysis of the riparian vegetation corridors in the Black Vermillion Watershed, Kansas*. Council of Educators in Landscape Architecture (CELA) conference proceedings, Tucson, AZ.

Refereed Conference Presentations

Sass, C.K., B. Lee, C. Turner. *Statistically Linking “Redlining” (1933 Home Owners Loan Act) with Tree Canopy Coverage in 131 U.S. Cities*. Council of Educators in Landscape Architecture. March 15-18, 2023. San Antonio, TX. (Abstract and Presentation)

Sass, C.K. *Service learning as part of urban forestry*. 2019 Symposium of Urban Forestry Educators. The Morton Arboretum, Lisle, IL.

Schauwecker, T., **C.K. Sass**, F. Gravagno, C. Lavoie, G. Pappalardo, H. Sanger, S. Harrell. *Landscape architecture and planning faculty and student roles in engaging communities in watershed management and riparian restoration*. Council of Educators in Landscape Architecture. March 21-24, 2018. Blacksburg, VA. (Panel presentation and Abstract)

Sass, C.K. & M. Dunay*. *The Aesthetic Preference of Bio-infiltration Systems in Kentucky*. Council of Educators in Landscape Architecture. March 21-24, 2018. Blacksburg, VA. (Abstract and Poster)

Sass, C.K., Morgan Dunay*, Michelle Hunerkoch*. *Stream Monitoring in the Urban Bluegrass Region*. Council of Educators in Landscape Architecture. March 23-26, 2016. Salt Lake City, UT. (Presentation and Abstract)

Sass, C.K., Morgan Dunay*, and Michelle Hunerkoch*. *Monitoring Bluegrass Streams for Future Restoration Practice*. American Society of Landscape Architects Kentucky Chapter. March 5, 2016. Lexington, KY. (Presentation - 1 of 5 presentations chosen out of 13 submissions)

Sass, C.K.. *Monitoring Urban Bluegrass Streams*. Council of Educators in Landscape Architecture. March 24-28, 2015. Manhattan, KS. (Presentation and Abstract)

Sass, C.K.. *Stream and Riparian Corridor Monitoring in the Bluegrass Region*. Kentucky Nursery and Landscape Association Summer Retreat. September 2, 2015. (Invited Presentation)

Sass, C.K.. *Growing Roots: Campus sustainability from a design perspective*. Campus Community Partnerships for Sustainability Conference. November 14-16, 2014. Western Kentucky University, Bowling Green, KY. (Abstract and Presentation)

Lawrence, B.T. & **C.K. Sass**. *Expanded Ecological Footprints: A spatially explicit and unit specific diagnostic approach for regional planning in the United States*. Spaces and Flows Conference. November 22-24, 2013. Amsterdam, Netherlands. (Presentation and Abstract)

Sass, C.K., N. Wright*, B. Coggeshall*. *Geomorphic changes in Inner-Bluegrass streams, Lexington, KY*. Council of Educators in Landscape Architecture. March 24-28, 2015. Manhattan, KS. (Abstract and Poster)

Non-refereed Conference Presentations, Proceedings, Reports, Articles

Sass, C.K., N. Crankshaw. *Greening campuses: Nature Rx for education and health*. Kentucky Green Industry. June 23, 2022. Louisville, KY. (Invited)

Sass, C.K. LFUCG - Stormwater Stakeholder's Advisory Council meeting. December 4, 2020. Urban Forest Initiative introduction. (Presentation, ongoing involvement)

Sass, C.K. University of Kentucky, College of Agriculture, Food & Environment Chair's Meeting. December 9, 2020. ALA Leadership Talk. (Presentation)

Keane, T. & **C.K. Sass**. *Apache U-Cross holistic ranch management gulley and stream annual report*. 2016. (Report)

Sass, C.K. *Arboretum Wet Meadow and Pervious Walk Project*. University of Kentucky Sustainability Forum. December 1, 2016. Lexington, KY. (Poster)

Sass, C.K. *Trees Louisville; A student exploration*. University of Kentucky Sustainability Forum. December 1, 2016. Lexington, KY. (Poster)

C.K. Sass & Morgan Dunay*. *The Aesthetic Preference of Bio-infiltration Systems in Kentucky*. University of Kentucky Sustainability Forum. December 1, 2016. Lexington, KY. (Poster)

Sass, C.K. & W. Griffith*. *Alumni Plaza, Norse Commons, and Lower Howard's Creek performance studies report*. Landscape Architecture Foundation – Case Study Investigation. August 5, 2015. Presented to CSI Fellows, LAF Staff, and LAF Board of Directors. (Webinar)

Sass, C.K. *Arboretum Drive Bioswale Project*. University of Kentucky Sustainability Forum. December 1, 2015. Lexington, KY. (Poster)

Invited Panelist, Ag Faculty Council New Faculty Workshop, August 22, 2014.

Sass, C.K. UK Perspectives, "The world of landscape architecture," April 29, 2014.

Keane, T. & **C.K. Sass**. *Apache U-Cross holistic ranch management gulley and stream annual report*. 2013. (Report)

Service and Recognition

National / International

Peer Reviewer

Agricultural Systems, June 2020-present.

Landscape Journal, July 2016-present.

Journal of Visual Experiments, September 2014-present.

Journal of American Water Resources Association, June 2013-present.

Council of Educators in Landscape Architecture:

Regular Track Conference abstract reviewer 2014-present

Special Track Conference abstract reviewer (2015): *Incite Change: Change Insight*

State

TreesLouisville, Assist TreesLouisville with multiple planting plans for low socioeconomic JCPS school grounds. This project and collaboration is expected to continue indefinitely. Over 20 successful projects have been planted since 2015 with service learning as the key component. Fall 2015-present.

American Society of Landscape Architects Kentucky Chapter, Executive Committee, 2014-2018.

American Society of Landscape Architects Kentucky Chapter, Awards Committee, 2015-2019.

Student Chapter ASLA-KY Faculty Liaison, ASLA Kentucky State Chapter, non-voting member of the Executive Committee. Fall 2013- Spring 2020.

Clays Mill Elementary, Assisted PTA and science teachers with planting plans for school grounds to aid science education. This collaboration will aid Trees Lexington and Fayette County Public Schools. 2016-2020.

Fayette County Extension Office Planting Design, University of Kentucky. Mentored student intern, Felipe Trejo, Jr. in completing a master planting plan for Fayette County Extension Office. 2018.

Trimble County Extension Office, University of Kentucky. Aided Kevin Perkins in choosing plant palette for county extension office. 2017.

Fayette County Public Schools Grounds Department, Assisted Sue Marshall and Tresine Logsdon with approved plant lists for FCPS school grounds. Spring 2017-present.

Masterson Station Feasibility Study, Worked with Tom Godell and Masterson Station homeowners to assess the feasibility of reestablishment of a Savannah landscape in an abandoned area of the park. 2014.

Kappa Delta and Greek Quad Stormwater Assessment and Control Plan, Worked with Kappa Delta Sorority (specifically Mitzi Bender) to assess and plan for stormwater control. 2014. LFUCG Stormwater Incentive Grant written and submitted.

University / College

Arboretum Advisory Board, Co-chair, 2023-present.

Department of Landscape Architecture Chair, 2022-present.

Urban Forest Initiative Core Team, Co-Lead, 2019-present.

Undergraduate Curriculum Committee, 2019-2020, 2021-2023.

Department of Landscape Architecture Director of Undergraduate Studies, 2019-2023.

UK Tree Week Planning Committee, 2018, 2020.

UK Student Chapter ASLA Faculty Mentor, 2013-2020.

NRES MJR Academic Coordinator Evaluation Committee, 2018.

College of Agriculture, Food & Environment Scholarship Reviewer, 2018, 2019, 2020.

NRES Student Advisor, 2017-present

Sustainability Strategic Plan Committee: Buildings and Grounds Team, 2017.

UK Student Summer Research Fellowship Reviewer, 2017 & 2018

NRES Steering Committee, 2016-present

ASLA National Convention Student Tour, Organized and led student trip to New Orleans, 2016.
The Arboretum and State Botanical Garden Special Collections Committee, 2016- present.
Fusion at Town Branch, Student leader Summer 2015.
Student Project Consultant, Andrew Ciammaichella, stream assessment, Spring 2014.

Awards and Certifications

Kansas State University, College of Planning & Design, Alumni Honoree 2018
Presentation U Faculty Fellow, (Cohort 2), Fall 2014-Fall 2015 (three semesters)
Rosgen Level II Certification, Asheville, NC (2015) Wildland Hydrology
Fully Sponsored PhD Studentship, Kansas State University, Fully funded studies with stipend
Rosgen Level I Certification, Little Rock, AR (2009) Wildland Hydrology
Sigma Lambda Alpha, Landscape Architecture Honor Society, (2008) Kansas State University
L.R. Quinlin Award, Kansas State University (2008)
Stream Channel Field Course Certificate, Sheridan, WY (2005) Steady Stream Hydrology

Professional Development

University of Kentucky Chair's Academy I, September 2022 – December 2022.
Bluegrass Tomorrow – Academic Leadership Academy, October 22-23, 2020. Virtual meeting.
Council of Educators in Landscape Architecture Annual Conference, March 21-24, 2018. Blacksburg, VA. Attended sessions on design pedagogy, playground design and ecological design.
American Society of Landscape Architects – KY State Conference, March 2-3, 2018. Covington, KY.
Faculty Lunch and Learn, February 2018. *Student life cycle*. Dr. Larry Grabau and Pamela Gray.
Igniting Research Collaborations, May 8, 2017. Boone Center, University of Kentucky. Met and brainstormed possible collaborations with many other researchers from multiple disciplines across campus.
American Society of Landscape Architects – KY State Conference, March 3-4, 2017. Louisville, KY.
Faculty Learning Community, Fall 2016-Spring 2017. Meet with other faculty in the College of Agriculture, Food and Environment discussing teaching strategies and roles. Multiple disciplines included.
American Society of Landscape Architects National Annual Conference, October 19-23, 2016. New Orleans, LA. Attended sessions regarding ecological and sustainable design.
American Society of Landscape Architects – KY State Conference, March 4-5, 2016. Lexington, KY.
Council of Educators in Landscape Architecture Annual Conference, March 23-26, 2016. Salt Lake City, UT. Attended sessions on design pedagogy, playground design and ecological design.
American Society of Landscape Architects – KY State Conference, February 27-28, 2015. Newport, KY.
Council of Educators in Landscape Architecture Annual Conference, March 24-28, 2015. Manhattan, KS. Attended sessions on design pedagogy and ecological design.
American Society of Landscape Architects National Annual Conference, November 15-18, 2015. Chicago, IL. Attended sessions regarding ecological and sustainable design.
Council of Educators in Landscape Architecture Annual Conference, March 26-29, 2014. Baltimore, MD. Attended sessions on design pedagogy, ecological design and sustainability.
UK Workshop, *Working with Distressed and Distressing Students*. February 4, 2014

American Society of Landscape Architects National Annual Conference, November 15-18, 2013.
Boston, MA. Attended sessions regarding ecological and sustainable design.

UK Workshop, *Just the FAQs: Who and What You Should Know to Jumpstart Your Research Program at UK*.
September 12, 2013

UK Workshop, *Student Success: The Faculty Piece*. September 3, 2013

UK Workshop, *Grant Writing Strategies: Progressing from an Idea to Funding*. August 29, 2013

University of Kentucky New Faculty Orientation, Seminars attended: *Student Perspectives* and *How to Start Grants*. August 21, 2013.

Consulting

Research Consultant, Apache Foundation Ranch, Ucross, Wyoming (2012-2017)
Holistic Ranch Management and Gully Formation Research and Report

Fluvial Consultant, CDP Engineers, Wolf Run Stream Assessment
Fluvial Geomorphologist on proposal submission, 2015, CDP not selected for project

Consultant, Wildhorse River Works, Timber Creek stormwater design plan (2009-10)
Stream restoration, Chariton County, MO (2011)

Consultant, Blue Earth, LLC, Rapid assessment of riverbank erosion (2009)

Intern landscape Architect, Big Muddy Workshop, Omaha, NE (2006)

Professional Affiliations

American Society of Landscape Architects (ASLA), Member

Council of Educators in Landscape Architecture (CELA), Member