

ROSS, MICHAEL K

CURRICULUM VITAE

EDUCATION

Texas Tech University Lubbock, Texas
Master of Landscape Architecture 2017
Thesis Project: "Landscape Reimagined: The Chicago River and the
Clybourn Industrial Corridor, Ecology as Design Intervention"

LICENSURE AND CREDENTIALS

SITES AP 2018 - Present

AWARDS

University Olmsted Scholar 2017
Texas American Society of Landscape Architects (ASLA) Merit Award
Graduate Research Poster 1st Place *Humans and Their Environment* division 2016

TEACHING EXPERIENCE

University of Tennessee, Department of Plant Sciences + School of Landscape Architecture 2019 - Present
Assistant Professor

Courses taught:

GEOG 443 / GEOL 443/590 Urban Ecology

LAR 535 Operative Landscape Tactics

PLSC 280 Fundamentals of Sustainable Landscape Design

PLSC 311 Management of Landscape Systems

PLSC 350 Sustainable Landscape Construction

PLSC 455/555 Advanced Sustainable Landscape Construction

PLSC 485 Computer Aided Landscape Design

PLSC 493/593 Problems in Horticulture & Plant Sciences | Green Infrastructure Theory & Application

PLSC 501 Technical Communication Education in SLD

PLSC 504 Graduate Seminar

PLSC 569 Graduate Student Teaching Practicum

UNHO 498 Senior Capstone College Honors Studies

Texas Tech University, Department of Landscape Architecture 2017 - 2019

Instructor

Courses taught: Introduction to Landscape Architecture, Design Studio 3: Systems,
Design Studio 4: Urban Design, Environmental Planning for Sustainable Development,
Advanced Environmental Planning for Sustainable Development (graduate level)
Development and delivery of online distance curriculum for LARC 1302 – Introduction to
Landscape Architecture

GRANTS, AWARDS, AND EXTERNAL FUNDING

University of Tennessee (UTK) Office of Sustainability Design and Research Fund –
awarded \$30,000 2021 - 2022

UTK Office of Sustainability Green Fees – awarded \$8,750 2019 - 2020

UTK Office of Sustainability Design and Research Fund – awarded \$21,250

High Plains Water District Bushland Independent School District: Middle School Water Wise
Learning Garden – awarded \$14,348 2018 - 2019

RESEARCH, PUBLICATIONS, PRESENTATIONS, AND PAPERS

Ross, M., Roark, M. Cleaner Water Through Site-Specific Floating Treatment Wetlands.
Tennessee Greentimes 22(3) Fall 2021. 2021

Ross, M., Roark, M. Cleaner Water Through Site-Specific Floating Treatment Wetlands. Tennessee Turfgrass August/September 2021. Reprinted with author's permission.

Nelson, K., **Ross, M.**, Sievers Ross, O., Park, S., Zhang, P. A National Survey Measuring Professional Attitudes Toward Sustainability and Sustainability Metrics. CELA Annual Conference.

Ludwig, A., **Ross, M.** Integrated Land Grant Missions to Prepare the Next Generation Practitioners for Sustainable Landscapes. Universities Council on Water Resources / National Institutes for Water Resources (UCOWR/NIWR) Annual Water Resources Conference.

Park, S., Currie, M., **Ross, M.**, Zhang, P. and Sievers Ross, O. Landscape Architectural Approach Toward Battlefield Preservation. CELA Annual Conference. **2020**

Ludwig, A., **Ross, M.**, Roark, M., Choi, S. Rain Gardens for Tennessee: Builder's Guide. UTIA Extension bulletin. In process.

Ross, M., McKinney, M. Nature-Driven Green Roof Design *Land* Special Issue, Planning for Nature-Driven Urban Regions. Abstract accepted.

Ross, M. Restoring Client Experience with the Natural World Tennessee Greentimes 21(4) Fall 2020.

Nelson, K., **Ross, M.**, Sievers Ross, O., Park, S. Professional Attitudes Toward Sustainability and Sustainability Metrics. CELA Annual Conference.

Ross, M., Nelson, K. and Sievers Ross, O. Professional Attitudes Toward Sustainability and Sustainability Metrics. CELA Annual Conference. **2019**

Park, S., P. Zhang, **M. K. Ross**, and O. Sievers Ross. Landscape Architectural Approach on Battlefield Landscape Preservation, CELA Annual Conference.

Ross, M. K., M. Kouhirostami, and M. Kouhirostamkolaei. The Effect of Road Intersection Angle on Ventilation: Urban Wind Corridor Simulation with Computational Fluid Dynamic Software, 2019 Book of Accepted Abstracts Association of Collegiate Schools of Planning (ACSP) Annual Conference.

Park, S. and **Ross, M.** Diversifying Collaborative Learning Experiences in Design Studio. CELA Annual Conference **2018**

Nelson, K., Horsford, J., Bernard, E., Park, S., Luo, Y., Klein, C., Currie, M, and **Ross, M.** Semester of Learning: A Qualitative Evaluation of the Development and Implementation of an Integrated Course Model. CELA Annual Conference.

Ross, M., "Landscape Reimagined: The Chicago River and the Clybourn Industrial Corridor, Ecology as Design Intervention". MLA Thesis Project 2017 **2017**

Ross, M. & Park, S. "Landscape Reimagined: Ecology as Design Intervention. CELA Annual Conference. Beijing, China

National Park Service: American Battlefield Protection Grant Program (ABPP). Palmito Ranch Battlefield National Register Nomination. PI (80%): Sohyun Park, Co-PI: Charles Klein, Research Assistant: **Michael K. Ross** **2015 - 2017**

Laduc, T. J., D. Lannutti, **M. Ross**, and D. Beamer. 1996. "*Lampropeltis getula splendida* Diet." Herpetological Review 27:25 **1996**

MEMBERSHIPS

The American Society of Landscape Architects (ASLA)
Council of Educators in Landscape Architecture (CELA)
Society for Ecological Restoration (SER)
Sigma Lambda Alpha (SLA)
United States Green Building Council (USGBC)