

TRACEY MILLER

Department of Landscape Architecture

Martin-Gatton College of Agriculture, Food and Environment, University of Kentucky

Grey Design Building, 349 Scott Street, Lexington, KY 40546-0091

EDUCATION

PhD in Plant Science and Landscape Architecture

The University of Connecticut, Storrs, Connecticut, 2024

MLA Landscape Architecture

The University of Virginia, Charlottesville, Virginia, 2001

BA English

The University of Kentucky, Lexington, Kentucky, 1984

EXPERIENCE

Academic Appointments

2024-Present Assistant Professor, Department of Landscape Architecture, University of Kentucky

2017-2021 Adjunct Professor, Plant Science and Landscape Architecture, University of Connecticut

Professional Practice Experience

2014-2024 | Tracey Miller Associates LLC, Ridgefield, Connecticut

Principal Landscape Architect. Oversee the design and administration of private and public sector projects, ensuring compliance with regulatory agencies. Develop landscape plans from conception to implementation, emphasizing a sensitive integration between built and natural environments and sustainable design for sensitive ecosystems. Projects include:

The Catherine Violet Hubbard Animal Sanctuary, Newtown, Connecticut,

The Metro-North Katonah Village Commuter Railway Station, Katonah, New York,

The Alice Leaderman Memorial Garden, Ballard Park, Ridgefield, Connecticut

2006-2014 | Anne Penniman Associates LLC, Essex, Connecticut

Associate Landscape Architect. Responsible for landscape architectural master planning, design, documentation, and project management, emphasizing sustainable landscape stewardship through collaboration with ecologists and wetland scientists. Projects include *Salt Meadow Park, Weekapaug Inn, Ocean Front House, and Connecticut Compound.*

2004-2006 | Wesley Stout Associates LLC, New Canaan, Connecticut

Senior Designer. Managed the design, documentation, and implementation of landscape projects.

2001-2003 | Stimson Studio, Boston, Massachusetts

Landscape Designer. Responsible for the design and construction documentation of landscape architectural projects, including *Truro Town Hall* and *The Menomonee River Valley Design Competition.*

PUBLICATIONS

Doctoral Dissertation

- 2024 **Miller, T.**, Fragomeni, M. B. A., Barrett, J., Park, S., & Smachylo, J. (2024). *A Resources-Sensitive Approach to the Complex Problem of Riparian Sustainability in Connecticut's Towns and Watersheds* [Doctoral Dissertation, University of Connecticut].
<https://collections.ctdigitalarchive.org/node/3767879?search=2024>

Other Publications

- 2021 Fragomeni, M.A., **T. Miller**, & K. Day (2021). *Identifying the Change in Heat Vulnerability and Land-use Influence: A 20-year spatial-temporal analysis of thermal and land-use change in Fairfield and New Haven Counties, CT*. Connecticut Institute for Climate and Adaptation (CIRCA), Avery Point, CT.
<https://resilientconnecticut.uconn.edu/heat-vulnerability/>
- 2021 **Miller, T.** (2021). WUDAPT Level 0 training data for Bridgeport, CT (United States of America), submitted to the LCZ Generator. This dataset is licensed under CC BY-SA, and more information is available at
https://lcz-generator.rub.de/factsheets/674d2ac43dcd8565660c80bbf2caafe725fc718/674d2ac43dcd8565660c80bbf2caafe725fc718_factsheet.html

Published Proceedings

In Preparation

- 2025 **Miller, T.**, Fragomeni, M.A., *Identifying tree canopy density as a key indicator of water quality: Fostering community riparian decision-making in design, planning, and management*
Target Journals: *Urban Forestry and Urban Greening, Landscape and Urban Planning, Journal of Environmental Management*
- 2025 **Miller, T.**, Fragomeni, M.A., *Applying geospatial analytics to identify barriers to fish and wildlife movement: Streamlining a municipal culvert replacement project*
Target Journals: *Urban Forestry and Urban Greening, Landscape Ecology, Sustainability*

Conference Proceedings

- 2025 **Miller, T.**, Fragomeni, M.A., *A Resources-Sensitive Approach to Riparian Sustainability*, The Council of Educators in Landscape Architecture (CELA) Annual Conference (2024), Portland, OR. Presentation.
- 2025 **Miller, T.**, Fragomeni, M.A., *Riparian tree canopy density as a key indicator of water quality: Fostering informed wetland management in Connecticut's towns and watersheds*, The National Association of Wetland Managers Online Webinar Series (NAWM), Portland, ME. Presentation.
- 2023 **Miller, T.**, Fragomeni, M.A., *A Resources-Sensitive Approach to Riparian Sustainability*, The Council of Educators in Landscape Architecture (CELA) Annual Conference (2023), San Antonio, Texas. Poster

In Submission

- 2025 **Miller, T.**, Fragomeni, M.A., *Riparian tree canopy density as a key indicator of water quality: Fostering informed wetland management in Connecticut's towns and watersheds*. The Connecticut Association of Conservation and Inland Wetland Commissioners (CACIWC) Annual Conference, Middletown, CT.
Presentation Abstract Accepted

FELLOWSHIPS & AWARDS

Grants

- 2024 *UKY Sustainability Challenge Grant*. **T. Miller** (PI), J. Phemister, S.K. O'Brien, C. Eby, G. Bibbs, et al., *Art Walk in a Central Kentucky Grassland*
Amount Requested: \$50,000; Amount Awarded: \$50,000
- 2024 *Landscape Architecture Foundation Case Study Investigation*. **T. Miller** (PI), C. Neer, P. Brown, B. Wolff, *The Parklands at Floyd's Fork*
Amount Requested: \$5,000; Amount Awarded: Unfunded
- 2024 *Making a Difference Challenge Grant*. **T. Miller**, J. Phemister, *A Trestle-scape Research Project*
Amount Requested: \$15,000; Amount: Under Review
- 2024 *National Institute of Food and Agriculture, Hatch Regular Research Fund*, **T. Miller** (PI), *The Kentucky Riparian Restoration and Conservation Research Initiative*
Amount Requested: \$58,000; Amount: Under Review
- 2022 Fragomeni, Mariana A., **Miller, T.**, *Understanding the Impacts of Urban Development on Inland, Freshwater Wetlands in Connecticut*. UConn-CAHNR, The Storrs Agricultural Experiment Station (SAES) Competitive Capacity Grant, University of Connecticut.
Amount Requested: \$60,000; Amount Awarded: \$60,000

Scholarships

- 2023 Clifford Burr Memorial Scholarship, University of Connecticut, Amount Awarded \$6,800
- 2022 Clifford Burr Memorial Scholarship, University of Connecticut, Amount Awarded \$6,800
- 2021 Clifford Burr Memorial Scholarship, University of Connecticut, Amount Awarded \$6,800

Professional Honors and Awards

- 2014 **Honor Award:** *River Compound*, Connecticut Chapter of the American Society of Landscape Architects
Lead Designer/Anne Penniman Associates
- 2013 **Honor Award:** *Weekapaug Inn*, Connecticut Chapter of the American Society of Landscape Architects
Lead Designer/Project Manager/Anne Penniman Associates
- 2012 **Honor Award:** *Salt Meadow Park*, Connecticut Chapter of the American Society of Landscape Architects,
Lead Designer/Project Manager/Anne Penniman Associates

- 2010 **Merit Award:** *Ocean Front House*, Connecticut Chapter of the American Society of Landscape Architects, Lead Designer/Project Manager/Anne Penniman Associates
- 2009 **Merit Award:** *Pocket Park*, Connecticut Chapter of the American Society of Landscape Architects Lead Designer/Project Manager/Anne Penniman Associates
- 2002 **Merit Award:** *Menomonee River Valley Design Competition*, Boston Society of Landscape Architects, Designer, Stimson Studio

INVITED TALKS

- 2019 *Three Gardens: Garden Design in the Country House Era*, **T. Miller**, Centerbrook Architects Lecture Series, Centerbrook, Connecticut
- 2018 *Three Gardens: Garden Design in the Country House Era*, **T. Miller**, Hollister House Lecture Series, Roxbury, Connecticut

CAMPUS TALKS

- 2025 *Design Strategies with Native Plants*, HON 301: Urban Ecology, Visiting Lecturer, University of Kentucky
- 2024 *Notable Designs in Sustainability*, Summer Internship in Landscape Architecture, Visiting Lecturer, University of Kentucky
- 2024 *A Resources-Sensitive Approach to Riparian Sustainability*, Planting Design 3330, Visiting Lecturer, University of Connecticut

TEACHING EXPERIENCE

Instructor

- SP 2025 *LA/NRE 355 Introductory Geospatial Applications for Land Analysis*, University of KY
- FA 2024 *LA 222: Design Studio II: Site Analysis*, University of Kentucky
- FA 2024 *LA 400: Professional Development II: Site Analysis*, University of Kentucky
- SP 2024 *LA 223: Design Studio III: Program Development*, University of Kentucky
- SP 2024 *LA/NRE 355 Introductory Geospatial Applications for Land Analysis*, University of KY

Graduate Teaching Assistant

- SP 2022 *LA: Design III, Studio: Program Development*, University of Connecticut

Adjunct Faculty

- SP 2021 *LAND 3312: Construction Methods and Materials*, University of Connecticut
- SP 2020 *LAND 3312: Construction Methods and Materials*, University of Connecticut
- SP 2020 *LAND 2220, LA: Theory II -- Design History*, University of Connecticut
- SP 2019 *LA 3312: Construction Methods and Materials*, University of Connecticut
- SP 2018 *LA 3311: Planting Design*, University of Connecticut
- SP 2017 *LA 3311: Planting Design*, University of Connecticut

Student Honors

- 2025 **Melcher, A.**, Lin, K, Blankenship, M., *“Walk Across Time: A Living Exhibit for The Arboretum, State Botanical Garden of Kentucky.”* Invitation to Submit, *Aperture Journal of Undergraduate Research* (AJUR) Office of Undergraduate Research, University of Kentucky.
- 2024 **Melcher, A.**, Lin, K, Blankenship, M., *Oswald Research and Creativity Awards*, 1st Place, Office of Undergraduate Research, University of Kentucky.

Undergraduate Research Assistant

- 2024 **Brown, P.**, Sustainability Design Competition, *Art Walk in a Central Kentucky Grassland* Department of Landscape Architecture, University of Kentucky
- 2025 **Kubra, M.**, Independent Study, *Identifying relationships between tree canopy coverage, green space distribution, and historical redlining in Detroit, Michigan.* Department of Landscape Architecture, University of Kentucky.

Student Workshop

- 2024 **Memorial workshop** co-facilitator, University of Kentucky.
Second-year Department of Architecture (ARCH 253) and Department of Landscape Architecture (LA 222). Memorial collaboration with visiting professor Bartlomiej Struzik (Department of Architectural and Sculptural Design at the Faculty of Sculpture at the Academy of Fine Arts in Krakow) and The Henry Clay Memorial Foundation.

Student Presentations

- 2024 LA 222 Undergraduate Class, Poster Presentation at Shaker Village at Pleasant Hill
- 2024 LA 222 Undergraduate Class, Poster Presentation at Castle & Key Distillery

RESEARCH EXPERIENCE.

Assistantships

- 20/21 **Graduate Research Assistant**, Mariana Fragomeni
Climate Adaptive Design Lab, University of Connecticut, Storrs, Mansfield, CT
- 1999 **Graduate Research Assistant**, Warren Byrd
University of Virginia, Charlottesville, VA
- 2000 **Graduate Research Assistant**, Elissa Rosenberg
Department Chair, University of Virginia, Charlottesville, VA

PROFESSIONAL SERVICE

National

Abstract Reviewer, Council of Educators in Landscape Architecture, Raleigh, NC, 2024

University

Kentucky Climate Consortium, Member, 2024 – Present
Kentucky Water Research Institute Affiliate, 2025 – Present

Department

Committees

Lectures and Exhibits Committee, Member, 2024-Present

Student Chapter of the American Society of Landscape Architecture, Co-advisor, 2024-Present

Invited Critic/Jury

LARCH 116, Design Studio, Penn State, 2025

LA399, Internship in Landscape Architecture, University of Kentucky, 2024

LAND, 3430, Landscape Architecture Design Studio III, University of Connecticut, 2020-2022

LAND, 3420, Landscape Architecture Design Studio II, University of Connecticut, 2020-2022

LAND 4450, Landscape Architecture Capstone Studio, University of Connecticut, 2017-2020

Community

Board Member, Inland Wetland Commission, Ridgefield, CT, 2019-2023

OTHER PROFESSIONAL EXPERIENCE

Professional Development

Rutgers University, *Wetland Delineation North* Course, Ralph Tiner, 2020

Conference Attendance

Council of Educators in Landscape Architecture, Annual Conference, 2025

American Society of Landscape Architects Annual Conference, Washington, DC, United States, 2024

Design Futures Forum, New Orleans, Louisiana, United States, 2025

LICENSURES AND CERTIFICATIONS

Licensure

Licensed Landscape Architect, State of Connecticut, 2008 – Present

Certificates

NASA, *Applied Remote Sensing for Urban Heat Islands Training*, 2020

PROFESSIONAL ASSOCIATIONS

American Society of Landscape Architects, 2008-present

Connecticut Association of Conservation and Inland Wetland Commissioners, 2019-present

Council of Educators in Landscape Architecture, 2023-present

National Association of Wetland Managers, 2024-present

Council of Landscape Architectural Review Board, 2008-2022