

MARY PAT MCGUIRE

Associate Professor

MLA Program Chair

Department of Landscape Architecture
College of Fine and Applied Arts
University of Illinois - Urbana Champaign
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Director - Water Lab

333 S Desplaines Street, Chicago, IL 60661

Licensed Landscape Architect

Virginia #0406001207, Illinois #157001458, California #5239 (2006-2012)

EDUCATION

2015 Certificate, **Leadership in Sustainability Management**, University of Chicago
2003 **Master of Landscape Architecture**, University of Virginia
2000 Certificate, **Woody Plants**, George Washington University
1994 **B.A. International Relations/International Political Theory**, College of William & Mary

POSITIONS

Academic

2020- **Associate Professor and Director, Water Lab**
Department of Landscape Architecture, University of Illinois at Urbana-Champaign (UIUC)
2022- **Affiliate Faculty**, Department of Urban and Regional Planning
2018- **Affiliate Faculty**, Unit for Criticism and Interpretive Theory
2014-2020 **Assistant Professor**, Landscape Architecture

2011-2014 **Studio Assistant Professor**, Landscape Architecture, 2011-2014
Adjunct Assistant Professor, Landscape Architecture, Spring 2011
Illinois Institute of Technology, College of Architecture, Chicago, IL

2005 **Adjunct Assistant Professor** [Spring]
University of Maryland, Department of Plant Science & Landscape Architecture, College Park, MD

2004 **Lecturer in Landscape Architecture** [Fall]
Morgan State University, School of Architecture & Planning, Baltimore, MD

Professional

2011-2013 **Conservation Design Forum**, Chicago, Illinois
Contract Landscape Architect, Project and Design Management
2007-2010 **Peter Walker & Partners Landscape Architecture (PWP)**, Berkeley, California
Landscape Architect, Project and Design Management, Business Development
2006-2007 **Office of Cheryl Barton**, San Francisco, California
Landscape Architect, Design and Project management
2003-2006 **ASG Architects + Planners**, Baltimore, Maryland
Landscape Architect, Design and Project management
1994-1998 **Thomson & Thomson**, Boston, MA and Washington, DC (Pre-landscape architecture career)
Lead Associate, Intellectual property research for music and film industry counsel

PUBLICATIONS

Books

McGuire, Mary Pat. *Surface Design in Landscape Architecture*. Under contract and in development.

McGuire, Mary Pat and Jessica M. Henson, Eds. *Fresh Water: Design Research for Inland Water Territories*. Novato, CA: Applied Research & Design, 2019.

Book Chapters and Invited Contributions

- McGuire, Mary Pat. "Grounding the Site: Uncovering Concepts in the Landscape Architecture Design Process" in *Conceptual Landscapes: new perspectives in the earliest stages of design*, Bussiere, Simon, Ed. Abingdon: Routledge, 2022.
- McGuire, Mary Pat. "Fieldwalk: la botte and other earth-surfacing footwear," in *Fieldwork in Landscape Architecture: Methods Actions Tools*, Thomas Oles and Paula Horrigan, Eds. New York: Routledge, 2022.
- Galbraith, J., Yocca, D., McGuire, M.P. "Urban soils and infrastructures: Management of gardens, parks, and lawns." in *Recarbonizing global soils – A technical manual of recommended management practices*. Volume 5: Forestry, wetlands, urban soils – Practices overview. pp. 285-299. Rome: FAO and ITPS, 2021. <https://doi.org/10.4060/cb6606en> [Food and Agriculture Organization of the United Nations].
- McGuire, Mary Pat. "Points, Lines, and Planes: Depave Chicago," in *Fresh Water: Design Research for Inland Territories*. Novato, CA: Applied Research & Design, 2019, 91-103.
- McGuire, Mary Pat. Four peer-reviewed case studies in Woleben-Meade, Carrie, Ed. *Landscape Architecture Performs: Case Studies Illustrating the Impact of Landscape Architects*. American Society of Landscape Architects, Illinois Chapter. Chicago: a5, 2016. Pp. 4-5, 20-21, 32-33, 42-43.

Articles and Published Research

- McGuire, Mary Pat, Andrew Phillips, David Grimley, Ashlynn Stillwell, Reshmina William, Jinyu Shen, Margaret Schneemann. "Retrofitting urban land through integrative, subsoils-based planning of green stormwater infrastructure: A research framework." *Environmental Research: Infrastructure and Sustainability*, 1 (2021) <https://doi.org/10.1088/2634-4505/ac27bd>
- McGuire, Mary Pat. "Is Landscape Surface?," *Journal of Landscape Architecture*. Issue 1-2020. pp.32-45.
- McGuire, Mary Pat. "Surface Design Operations in Landscape Architecture," *Landscape Journal*. Issue 38:1-2, 2020. pp. 43-60.
- McGuire, Mary Pat. "Retrofitting Urban Landscapes" in *Topos: the international review of landscape architecture and urban design*. Issue 111-Water, 2020. pp. 50-55.
- McGuire, Mary Pat. 2018. "Cities as Hydro-Geologic Terrain: Design Research to Transform Urban Surfaces," *The Plan Journal*, Issue 1, Volume 3 (2018), pp. 165-190. *Ex-aequo runner-up for "TPJ Best Paper" award 2018*.
- McGuire (Mattson), Mary Pat, and Sarah Hanson. 2014. "Stearns Quarry, Palmisano Park" *Landscape Performance Series*, Landscape Architecture Foundation. doi:10.31353/cs0771
- McGuire (Mattson), Mary Pat, and Sarah Hanson. 2014. "The Morton Arboretum Meadow Lake and Permeable Parking Lot" *Landscape Performance Series*, Landscape Architecture Foundation. doi:10.31353/cs0761
- McGuire (Mattson), Mary Pat. 2014, and Sarah Hanson. "Sarah E. Goode High School" *Landscape Performance Series*, Landscape Architecture Foundation. doi: 10.31353/cs0781
- McGuire (Mattson), Mary Pat, and Rachel Guinn. 2013. "63rd Street Beach Restoration," *Landscape Performance Series*, Landscape Architecture Foundation. doi: 10.31353/cs0551
- McGuire (Mattson), Mary Pat, and Rachel Guinn. 2013. "Chicago Museum of Science and Industry: Smart Home and Garden," *Landscape Performance Series*, Landscape Architecture Foundation. doi: 10.31353/cs0571
- McGuire (Mattson), Mary Pat, and Rachel Guinn. 2013. "Advocate Lutheran Patient Bed Tower," *Landscape Performance Series*, Landscape Architecture Foundation. doi: 10.31353/cs0561

Public Scholarship

- McGuire, Mary Pat. "Embracing rainwater through green infrastructure," in *Environmental Health News*, July 9, 2021. <https://www.ehn.org/green-infrastructure-2653700557.html>
- McGuire, Mary Pat. "While We're Considering Tearing Down Highways, Let's Not Overlook Pavement," in *Next City*, July 7, 2021. <https://nextcity.org/daily/entry/while-were-considering-removing-highways-lets-not-overlook-pavement>
- McGuire, Mary Pat. "Biden's big conservation plan must include cities," in *Grist*, May, 13, 2021. <https://grist.org/fix/biden-30-by-30-conservation-climate-plan-cities-land-water/>

Planning and Policy Publications

- 2017 ***Land and Hydrologic Analysis for Stormwater Detention and Volume Control Trading in Cook County, Illinois for Metropolitan Water Reclamation District of Greater Chicago*** aka “**STORMSTORE**” with Allan, Kingsely, Clayton Ballerine, Mary Pat McGuire, and Sally McConkey. Illinois State Water Survey Prairie Research Institute, University of Illinois at Urbana-Champaign.
- 2013 ***Sustainable Urban Infrastructure Guidelines, Department of Transportation, City of Chicago***
[with Conservation Design Forum]
Volume 1, Chapter: Design Methodology
Volume 2, Sections: Water, Urban Ecology
- 2012 ***Chicago Sustainable Industrial Corridors: Green Infrastructure Recommendations, Department of Housing and Economic Development, City of Chicago***
[with Conservation Design Forum]

Abstracts in Conference Proceedings

- McGuire, Mary Pat. “Depave: urban climate adaptation through subtraction design strategies,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Albuquerque, New Mexico.
- Nina-Marie Lister, Mary Pat McGuire, Elen Deming, Kristina Hill, and Elizabeth Mossop. “Pausing at the Precipice to STOP and FEEL: Reflections and Provocations for Difficult Conversations, Intractable Decisions” **European Council of Landscape Architecture Schools ECLAS 2020**, SLU Uppsala, September 13-16, 2020 - *conference postponed*
- McGuire, Mary Pat. “The Geologic Imagination in Landscape Architecture,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Louisville, KY, 2020, p. 92.
- Holmes, Rob, Kathy Kambic. Mary Pat McGuire, Cheramie, Kristi, Brett Milligan. “Research by Design,” Panel with Track Chairs. **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, UC Davis/Sacramento, CA. 2019.
- McGuire, Mary Pat. “Transforming (the) Surface: Toward a Theory for Surface in Landscape Architecture,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Blacksburg, VA. 2018.
- McGuire, Mary Pat. “Case Studies in Landscape Surface,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Beijing, China. 2017.
- McGuire, Mary Pat. “Surface Design in Landscape Architecture,” **Proceedings of the Council of Educators in Landscape Architecture, Annual Meeting**, Salt Lake City, Utah. 2016.
- McGuire, Mary Pat. “Design Competition Pedagogy: Approaches and Outcomes from the EPA Campus Rainworks Challenge,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Manhattan, Kansas. 2015.
- McGuire, Mary Pat. “Waterfront Ecologies,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, National Conference, Baltimore, MD. 2013.
- McGuire, Mary Pat. “Grounds for Agriculture,” **Proceedings of the Council of Educators in Landscape Architecture Annual Meeting**, Urbana-Champaign, IL. 2012.

Websites

- “**Illinois GROUNDWORK**” published research and resources on green stormwater infrastructure design, planning, and maintenance for the State of Illinois. *To be published late 2022.*
- “**Water Lab**” published research and design projects on green infrastructure, urban surface design, and urban and regional maps of hydro-geology, land-surface, and urban flooding. www.thewaterlab.org
- “**Depave Chicago**” published information on program start-up used to develop partnering and community engagement opportunities. Workshop materials and all guidelines document published on the site. www.depavechicago.org

Awards, Recognition, and Fellowships

2022	The President's Award, Council of Educators in Landscape Architecture (CELA)
2021-2022	Building Pathways Leadership Fellow , Office of the Provost, University of Illinois
2020-2021	Public Voices Fellow , <i>The OpEd Project</i>
2019	American Society of Landscape Architects (ASLA) Honor Award: Student Collaboration "Before the City, there was the Sand: Designing a Resilient Calumet TER/RAIN"
2018	Ex-aequo runner up award for TPJ Best Paper, The Plan Journal 2018
2016-2018	Design Research Fellow , College of Fine & Applied Arts, University of Illinois
2014-2017, 2020	List of Teachers Rated Excellent by Their Students, University of Illinois
2014-2015	Research Fellowship, Landscape Architecture Foundation
2013-2014	Research Fellowship, Landscape Architecture Foundation
2013	First-place Award, Campus Rainworks National Competition, US-Environmental Protection Agency "Filter / Collect, 100% by 2020", Faculty Advisor
2013	First-place Award, Sustainability/Community Track, Illinois Institute of Technology "Stormwater Surfaces"
2004	Merit Award, Layers of the Landscape Competition, Charleston Horticultural Society Individual entry "Topographic Texts, Topographic Cuts"
2003	Merit Award, Study in Landscape Architecture, American Society of Landscape Architects ASLA
2003	First Place Award, Benjamin Howland Student Competition, University of Virginia
2002	Omicron Delta Kappa, University of Virginia

RESEARCH GRANTS

External

- McGuire, Mary Pat. "Depave Chicago: Creating a depave network program to renature surface parking lots in the Chicago region," **Walder Foundation**, 2022-2023. \$140,000.
- Rodriguez, Luis, Jan Franklin Adamowski, Mike McKay, Mary Pat McGuire et al. "Critical Conversations on the Great Lakes Megaregion: a catalyst for improving sustainability," **Great Lakes High Education Consortium GLHEC**, 2022, \$87,500.
- McGuire, Mary Pat [PI], Andrew Philips, David Grimley, Ashlynn Stillwell. **Illinois-Indiana Sea Grant, National Oceanic & Atmospheric Administration (NOAA)**, Feb 2018-December 2021, "Hydrogeologic soil research for green stormwater infrastructure planning and design: new methods for adapting urban coast communities." \$175,000.
- McConkey, S.; Allan, K.; Ballerine, C.; Heistand, G.; McGuire, M.P. **Metropolitan Water Reclamation District of Greater Chicago**. "Land and Hydrologic Analysis for Stormwater Detention and Volume Control Trading Exchange in Cook County," 2017. \$131,000.
- McGuire, Mary Pat. Elizabeth W. Ingraham Grant, 'Chicago Flooding Solutions Alternatives,' **Wright Ingraham Institute**, 2016, \$5,000.
- McGuire, Mary Pat. Research Fellowship. **Landscape Architecture Foundation (LAF)** Washington DC, 2014, \$7,000.
- McGuire, Mary Pat. **US-EPA Faculty Research Award**. Washington DC, 2013, \$11,000.
- McGuire, Mary Pat. Research Fellowship. **Landscape Architecture Foundation (LAF)** Washington DC, 2013, \$7,000.
- ### **Internal**
- Brown, Eliana [PI], Mary Pat McGuire, Margaret Schneemann, Layne Knoche. **IL Extension Collaboration Grant**, "GSI Research Toolkit and Outreach throughout the State of Illinois." 2021-2022, \$53,522.
- Silvers, Michael, Mary Pat McGuire, Donna Buchanan, Carlos Carolli, John Myers, Gabriel Solis, "Hearing the Ocean, Seeing the Rain: Water, the Arts, and the Future of Human Life on Earth," **Presidential Initiative to Celebrate the Impact of Arts and/or Humanities**, 2019-ongoing, \$50,000. - *I'm developing the second of two "Sensing Water" symposia.*
- McGuire, Mary Pat. **Office of the Vice Chancellor for Research OVCR** Humanities Teaching Release, "Surface Design in Landscape Architecture," Fall 2019, \$14,000.
- McGuire, Mary Pat. **College of Fine & Applied Arts FAA** Project Completion Grant, book subvention, "FRESH WATER," 2018, \$2,500.
- McGuire, Mary Pat. **Campus Research Board**, book subvention, "FRESH WATER," 2018, \$10,000.

McGuire, Mary Pat and Jessica M. Henson. **Wadsworth Endowment Grant**, "FRESH WATER design symposium" Department of Landscape Architecture, UIUC, 2017, \$12,000.

McGuire, Mary Pat. Design Research Fellowship, **FAA Design Research Initiative**, 2016, \$25,000

McGuire, Mary Pat. Matching Grant, "Chicago Flooding Solutions Alternatives," **College of Fine and Applied Arts FAA**, University of Illinois, 2016, \$5,000

McGuire, Mary Pat. **Wadsworth Endowment Grant**. "Mapping Water," Department of Landscape Architecture, UIUC, 2015, \$4,800

McGuire, Mary Pat. **Campus Research Board**, "Surface Ecologies in Landscape Architecture," University of Illinois, 2015, \$8,000

McGuire, Mary Pat. Creative Research Award, **College of Fine and Applied Arts**, University of Illinois "Surface Ecologies in Landscape Architecture," 2015, \$4,600,

EVENTS

Symposia and Conferences Organized

2022-2023 **Great Lakes Regional Climate Action Seminar (GLR CAE)** February 9-10, 2023 [Organizing Committee] IL-ASLA, with Ohio, Michigan, New York, and Minnesota Chapters of ASLA, Virtual Event.

2021-2022 **"Climate (In)Securities within Great Lakes Communities: a Critical Conversation,"** Sep 19-20, 2022 [Organizing Committee] Great Lakes Higher Education Consortium, ISEE, Chicago, IL

2022 **"Depave Chicago"** partner and community workshops. June 16 & July 28, 2022 [Organizing Chair] Depave Chicago, Chicago, IL

2020 **"Bio[graphical] Diversity"** January 24, 2020 [Co-chair] Department of Landscape Architecture, University of Illinois, Champaign, IL

2018 **"Fresh Water: Design Thinking for Inland Territories"** September 13-15, 2018 [Co-chair] Department of Landscape Architecture, University of Illinois, Champaign, IL

Exhibitions

2020 "Crossing Watersheds" and "Waterflow Underground" urban water infrastructure and watershed division maps shown exhibited "well-ness at the Commonwealth" participatory research exhibition, **Sweetwater Foundation**, Chicago, opened October 5, 2020.

2018 **Temple Buell Hall Gallery**, Champaign, IL
"WaterWorks" exhibition for Fresh Water [Curator], September 1-30, 2018

2017 **Link Gallery**, Krannert Art Museum
"Transforming a Fallow Field" exhibition of studio work, July 1-Aug 5, 2017

2014 **Blanc Gallery**, Chicago
"FLOW City" exhibit of studio models, May-June, 2014

2013-2014 **Sweetwater Foundation**, Chicago
"FLOW City" exhibit of studio work, April-May, 2013

2012-2013 **Chicago Architecture Foundation**, Chicago Architecture Club
"On Site, Matter, Context, Time" [Invited], November 16, 2012 - March 28, 2013
Solicited Entry in *Reconsidering an Icon: Creative Conversations about Prentice Women's Hospital*

2011-2014 **The Plant Exchange**, Chicago IL
"Food as Ecological Urbanism" long-term exhibit of studio work, installed May 2011, de-installed 2014

BUILT WORKS and COMPETITIONS

Landscape Architecture Works in Practice

2011-2013 [with Conservation Design Forum, Chicago]

Chicago Industrial Corridors, Green Infrastructure Stormwater Study, Chicago, IL 2011-2012
Green infrastructure strategies for stormwater in Chicago's 24 industrial corridors, 16,000 acres with CDF and Urban Lab

Chicago Department of Transportation, Sustainable Streets Design Standards, Chicago, IL 2012-2013
Design and ecological development for green infrastructure in the right-of-way, 23% of Chicago's land area, with CDF and Parsons Brinkerhoff

2007-2010 [with Peter Walker & Partners Landscape Architecture, Berkeley, California]
Barangaroo Waterfront Competition, Sydney, Australia 2008-2010
50 acre urban development of former port facility in Sydney Harbor - headland park, waterfront restoration, and public space design, with Ingenhoven Architects and Johnson Pilton Walker
Competition management through selection

National Eisenhower Memorial Competition, Washington D.C. 2010
Presidential national memorial, with James Carpenter Design and 2x4
Competition management, not selected

Newport Beach City Hall and Park Competition, Newport Beach, CA 2008-2009
18 acre City Center Plaza and neighborhood ecological park within highway infrastructure, with Bohlin Cywinski Jackson, ARUP
Competition and design management through selection

Salesforce (Transbay) Transit Center, San Francisco, CA 2008-2010
5.5 acre ecological park above multi-modal station, with Pelli Clarke Pelli
QA/QC management, schematic design through design development

Stanford University, Knight Management Center, Graduate School of Business, Palo Alto, CA 2007-2009
12 acre campus landscape - plazas, courtyards and outdoor amphitheater for 7 buildings, with Bohlin Cywinski Jackson and Boora Architects, ARUP
Project management, schematic design through design development

2006-2007 [with Office of Cheryl Barton, San Francisco, California]
University of Virginia South Lawn, Charlottesville, VA 2006-2007
10-acre campus landscape – garden court, memorial grove, stormwater circuit, w/ Moore Ruble Yudel, Hood Design
Construction documents

Presidio Quartermaster Cultural Landscape Analysis and Treatment Recommendations, SF 2006-2007
Historical research and site design upstream from Crissy Field
Design research, project management, report production

2003-2006 [with ASG Architects + Planners, Baltimore, Maryland]
Emory University 2005 Campus Master Plan Update, Atlanta 2003-2005
20-year Comprehensive Campus Plan, including Emory Hospital and Clinics Relocation Study, and creation of landscape classification plan to guide protection of unique remnant forests
Project management, land management classification

Rutgers University Fourth Street Portal, Camden 2004-2005
1.5 acre urban campus entry landscape
Landscape architecture design, schematic design, coordination with artist

University of Maryland Technology Education Teaching Center, Salisbury 2004-2005
4-acre student courtyard, tapis vert, and stormwater bio-infiltration design
Landscape architecture, design development through construction documents

TALKS

Invited

- 2022 "Depave Chicago," Netsch lecture *Re:design* 2022 series, **Friends of the Parks** (Chicago), August 9, 2022
- 2022 "Re-envisioning parking and pavement: for climate adaptation and site transformation," **Museum Campus Working Group, City of Chicago**, May 13, 2022
- 2021 "Water" Panel. **Edgewater Environmental Coalition and 6018 North**, March 30, 2021
- 2020 "Retrofitting Chicago for rainwater: a regional landscape approach"
Chicago River Summit 2020, **Friends of the Chicago River**, November 12, 2020

- 2020 "Urban surface disruption: a landscape approach for rainwater" in Colloquium II: Research Discussion Forum. **Iowa State University**, November 10, 2020
- 2020 "Urban Surface Retrofit: Transforming a city for rainwater" in Integrated Design for Sustainable Water Management. Invited talk. **Cities Alive**, online conference, October 22, 2020.
- 2020 "Urban Surface Disruption" talk and panel with Erica Walker and Kristina Hill. *A Year of Climate Justice* lecture series. Climate Justice Panel, **Woodbury School of Architecture**, Los Angeles, October 20, 2020
- 2020 "South Lakefront Dump or Park?" Panel on the Calumet Lakefront Park USACE decision and environmental justice. Invited panel. **Black Chicago Water Council**, August 11, 2020.
- 2019 "Urban Surface as (Storm)Water Infrastructure: Un-Build/Re-Build for Resilience" **Build Chicago**, McCormick Place Chicago, September 19-20, 2019
- 2019 "Urban Surface Approaches for Green Stormwater Infrastructure: Current design research for the Calumet" **Illinois Green Industry Association**, Annual Conference, January 14, 2019
- 2018 "Surface Design in Landscape Architecture" Common Lecture Series (All School), December 4, 2018. **Rutgers University**, School of Environmental and Biological Sciences, Department of Landscape Architecture
- 2018 "Landscape as Infrastructure: Flooding Solutions in Chicago-land" **U.S. Geological Survey**, IL Water Science Center, January 18 2018
- 2016 "Chicago hydro-geologic mapping and modeling: a basis for stormwater design site selection" **Metropolitan Planning Council**, Chicago, IL, August 24, 2016
- 2015 "Green Infrastructure Landscape Strategies" **Metropolitan Planning Council**, Chicago, IL, June 5, 2015
- 2014 "Green Infrastructure Forum: Beyond Metrics" Coordinator, moderator, speaker. **Illinois Institute of Technology**, Chicago, IL, June 2, 2014
- 2013 "Green Infrastructure Forum" Panelist with **Deb Mitchell**. Loyola University, Chicago
- 2013 "Filter/Collect, EPA Competition" **WEFTEC** Water Conference, Chicago, IL
- 2012 "Building on Legacy and Beyond: IIT H2O" Colloquium talk hosted by **Gary Hildebrand and Peter Osler**, panel with Peter Schaudt and Kevin Harrington McCormick Tribune Campus Center, Chicago, IL
- 2012 "Archi-Salon: Inside Studio Gang Architects" Panel, with Jeanne Gang, Matthias Hollwich, Michel Rojkind, Tom Jacobs. **Art Institute of Chicago**
- 2011 "Modernist Landscapes in Downtown Chicago" Panel with Peter Schaudt, Joe Karr **Cultural Landscape Foundation**, Garden Dialogues Series, Chicago
- 2008/9 "Soil, Water, Flatness" **UC Berkeley Extension**, San Francisco

Conferences

- 2022 "Research Roundup: Coastal Resiliency and Green Infrastructure," Virtual panel to discuss research in the Great Lakes. **National Sea Grant Program**, April 6, 2022.
- 2022 "Depave: urban climate adaptation through subtraction design strategies," **Council of Educators in Landscape Architecture** Annual Meeting, Albuquerque, New Mexico. March 17, 2022.
- 2020 "Hydrogeologic Soil Research for Green Stormwater Infrastructure Planning and Design: Replicable Research from the Chicago-Calumet Region (CCR)" with Margaret Schneemann **WEFTEC**, online conference, October 6, 2020.
- 2019 "Flint and Beyond: Sustainable Water" Roundtable Sustainability Cities Congress, **Institute for Sustainability Energy and Environment**, iSEE, UIUC, September 24, 2019

- 2019 "Research By Design," Panel with Rob Holmes, Kathleen Kambic, Kristi Cheramie, and Brett Milligan. **CELA Council of Educators in Landscape Architecture**, National Conference, University of California, Davis, Sacramento, CA (March 9, 2019).
- 2018 "Watershed Futures: Intersections of Design and Policy" **ASLA National Association of Landscape Architects**, Philadelphia, Presentation Panel, October 22, 2018
- 2018 "Landscape as Infrastructure: Regenerating Cities through the Urban Surface" Sustainability Cities Congress, **Institute for Sustainability Energy and Environment, ISEE**, UIUC, October 4, 2018
- 2018 "Points Lines Planes: Urban surface as territorial infrastructure" Fresh Water Design Symposium, **University of Illinois**, September 14, 2018
- 2018 "Transforming (the) Surface: Toward a Theory of Surface Design in Landscape Architecture" (Refereed) Paper Presentation. March 24 2018 **Council of Educators in Landscape Architecture CELA**, National Conference, Blacksburg, Va
- 2016 "Surface Design in Landscape Architecture" (Refereed) Paper Presentation. March 26 2016 **Council of Educators in Landscape Architecture CELA**, National Conference, Salt Lake City, Utah
- 2016 "Reconfiguring an Urban Terrain : projective mapping for uncovering Chicago's hydro-geologic landscape" (Refereed) Paper presentation. February 26, 2016. WATER+ atmosphere symposium, Faculty of Architecture, **University of Manitoba**
- 2015 "Recalibration of Rivers" (Refereed) Presentation/panel with Mia Lehrer, Jessica Henson, and Patricia Akinaga. November 7, 2015, **ASLA American Society of Landscape Architects**, National Convention, Chicago, IL
- 2015 "Design Competition Pedagogy: Approaches and Outcomes from the EPA Campus Rainworks Challenge" (Refereed) Presentation with Jessica Cantrell, March 27, 2015 **CELA National Conference**, Manhattan, Kansas
- 2013 "Waterfront Ecologies" Presentation/panel. **CELA National Conference**, Baltimore, MD
- 2013 "Urban Design Urban Landscape, Urban Plan" Invited talk, with Alexander Eisenschmidt, Martin Jaffe, Marshall Brown **American Planning Association APA**, National Conference, Chicago
- 2012 "Grounds for Agriculture" **CELA National Conference**, Urbana-Champaign, IL
- 2012 "Downtown Chicago: The Moderated Landscape" Moderator with Peter Schaudt and Peter Osler **CELA National Conference**, Chicago
- 2011 "Climate Change: What Landscape Architects Should Know" (Refereed) Presentation with Keith Bowers and Kristina Hill, **ASLA National Convention**, San Diego
- 2011 "Temporary Urbanism" Invited Moderator, with with Chris Guillard and John Bela **ASLA National Convention**, San Diego, CA

ON-CAMPUS TALKS

University of Illinois - Urbana Champaign

- 2022 "Chicago TERRAIN" Department of Urban and Regional Planning, Research Colloquium, March 29 2022.
- 2018 "Design Thinking in Landscape Architecture," Invited lecture. 3/15/2018
School of Art & Design, FAA, University of Illinois
- 2017 Coordinator, "Design Research Panel Series" : three moderated panels on practices and methods of design research. Hosted as part of the FAA Design Research Fellows, Dates: March 6, March 28 and April 18, 2017
- 2016 "Reading the Landscape: ways of thinking about the Site," Invited lecture. 9/16/2016
Arch 373, School of Architecture, FAA, University of Illinois
- 2016 "Urban Flooding in Chicago : a geologic basis for proposed stormwater design" Invited talk. 3/7/2016
ISGS 2016 Seminar Series, Illinois State Geologic Survey

Illinois Institute of Technology, Chicago, IL

- F2013 "Urban Water Systems," Invited talk.
College of Architectural and Environmental Engineering, Armour College
- F2012 "Ecology of Plants," Invited talk.

F2013	ARCH 505 Ecology Sustainability Site, College of Architecture "Introduction to Landscape Architecture", Invited talk.
F2012	ARCH 100 Introduction to Architecture, CoA "Introduction to Landscape Architecture", Invited talk.
F2011	ARCH 100 Introduction to Architecture, CoA "Full Space", Invited talk.
S2011	ARCH 520 Principles of Urban Planning and Design, CoA "Urban Agriculture & the IIT Campus", Invited talk. CoA

DESIGN REVIEW/JURY [Invited]

Special Design Panel/Jury

2022	University of Washington , Department of Landscape Architecture, Capstone Awards Competition
2018, '19, '20	United States Environmental Protection Agency US EPA, Campus RainWorks Challenge Student Competition, National design jury
2017	University of Illinois - Urbana Champaign - 150 Sesquicentennial Design Competition, Campus-wide interdisciplinary student design competition
2017	a2ru - Alliance for the Arts in Research University , Student Challenge Grant, National faculty jury
2015	Smith Group JJR , Urban Design Review, One of two invited critics for national review
2005	Virginia Chapter of American Society of Landscape Architects , Awards Jury
2004	Rutgers University , Camden, NJ, Artist Selection Committee

Studio Design Jury

Harvard University, Graduate School of Design, 2020, 2021
 University of Washington, College of Built Environments, 2021
 Rutgers University, Department of Landscape Architecture, 2021
 University of Maryland, College Park, School of Architecture, 2006, 2021
 University of Southern California, Department of Landscape Architecture, 2020
 University of Toronto, Daniels Faculty of Architecture, Landscape, and Design, [Thesis] 2019
 Penn State University, Department of Landscape Architecture, 2014
 University of Illinois - Urbana Champaign, Department of Landscape Architecture, [Thesis] 2013
 University of Illinois Chicago, School of Architecture, 2012
 Archeworks, Alternative Design School, Chicago, 2011
 Illinois Institute of Technology, College of Architecture, 2010, 2011, 2012
 University of California, Berkeley, Department of Landscape Architecture, 2009
 University of Virginia, School of Architecture, 2006, 2008
 Morgan State University, Baltimore, School of Architecture, 2005

MEDIA APPEARANCE

Podcasts and Interviews

2022	Mike Nowak Show , co-interview with Katya Reyna, on Depave Chicago, June 12, 2022
2022	Inside Out & About Podcast with Margaret Frisbie, Director, Friends of the Chicago River. Aired February, 2022. https://www.chicagoriver.org/about-the-river/inside-out-around/inside-out-about-podcast
2021	Talking Headways podcast with Jeff Wood, Streetsblog USA . "What We Can Do To Depave Cities," aired September 30, 2021. https://usa.streetsblog.org/2021/09/30/talking-headways-podcast-what-we-can-do-to-depave-cities/
2018	Here & Now/WBUR/ National Public Radio , aired nationally June 13, 2018. http://www.wbur.org/hereandnow/2018/06/13/houston-underground-tunnels-flooding [Interviewed on stormwater management]
2018	Houston Public Media NPR , aired May 12, 2018. Story published: https://www.houstonpublicmedia.org/articles/news/in-depth/2018/05/12/284919/what-houston-is-learning-about-flood-tunnels-in-other-cities/ [Interviewed on stormwater management]

Reviews and Press

- 2022 Miles, Irene. "Digging into soil data helps inform green infrastructure design," **Illinois-Indiana Sea Grant**, March 10, 2022. <https://iiseagrant.org/digging-into-soil-data-helps-inform-green-infrastructure-design/>
- 2020 Carney, Jeff. Review of *Fresh Water: Design Research for Inland Water Territories* by Mary Pat McGuire and Jessica M. Henson, **Journal of Architectural Education JAE Online**, June 5, 2020. <http://www.jaeonline.org/articles/review/fresh-water#/>. [Book review for *Fresh Water: Design Research for Inland Water Territories*]
- 2019 Kristine Ryan, David A. Grimley, Andrew C. Phillips, and Mary Pat McGuire. "Calumet Soils: Soils-Based Green Infrastructure Design," **National Cooperative Soil Survey Newsletter**, Issue 87, May 2019, p. 14-16.
- 2019 Cooper, Danika. "Conference Review: Fresh Water: Design Thinking for Inland Water Territories," **Landscape Journal**, Issue 38:1, 2020. [Fresh Water conference and exhibition]
- 2018 Bobrow, Abigail. 'Weathering the Storms: What one team of Illinois researchers is doing to address urban flooding,' in **Storied**, produced by the Office of the Vice Chancellor for Institutional Advancement for the University of Illinois at Urbana-Champaign. October 29, 2018. [IL/IN Sea Grant research]
- 2017 Moser, Whet. 'What Chicago is Doing—and Can Do—to Prevent a Disastrous Flood,' in **Chicago Magazine**, Aug 30 2017. <http://www.chicagomag.com/city-life/August-2017/What-Chicago-Is-Doingand-Can-Doto-Prevent-a-Disastrous-Flood/> [Cited for my research on landscape-based approaches to stormwater design]
- 2017 Schuler, Tim. 'Ghosts of Shorelines Past' **Landscape Architecture Magazine** (Print edition), NOW Section, February 2017. [Story on my hydro-geologic design research]
- 2016 Edelson, Zach. 'Chicago's Runoff: While the Windy City digs deep to fight flooding, one landscape architect finds a new solution,' in the Relational Water Landscapes Feature, **Architect's Newspaper** (Print) Issue 5, October 12, 2016 . [Story on my hydro-geologic design research]
- 2016 Edelson, Zach. 'Chicago digs deep to fight flooding, but the city's geology may provide another solution,' **Architect's Newspaper** (Online edition), October 24, 2016 <https://archpaper.com/2016/10/chicago-flooding-solutions-alternatives/> [Story on my hydro-geologic design research]
- 2013 Water Environment Federation. 'Students' Green Infrastructure Designs Win U.S. EPA Rainworks Challenge', in **Water Environment & Federation (WEF) Technology**, August 2013, Vol. 25, No. 8 <http://stormwater.wef.org/2013/04/u-s-epa-announces-campus-rainworks-challenge-winners/> [US-EPA competition]
- 2013 **U.S. Green Building Council**, 22 April 2013 <http://www.usgbc.org/articles/epa-honors-winners-first-ever-campus-rainworks-challenge>
- 2013 **DNAinfo** 23 April 2013 <http://www.dnainfo.com/chicago/20130423/bronzeville/iit-students-net-prize-for-garden-that-could-eliminate-sewers>
- 2013 American Society of Landscape Architects, **Land Online** 23 April 2013 <http://www.asla.org/land/landarticle.aspx?id=39115&terms=campus+rainworks>

TEACHING

University of Illinois - Urbana-Champaign [2014-present]

Studios and Courses

S2023	LA587 Seminar: Designing with Climate
F2022	LA433 MLA Studio I 'Defining Sites, Designing Process : [Full] Public Space'
S2022	LA587/387 Seminar: Designing with Climate: Adapting Ourselves and Our Practices for a Changing Planet, co-taught with Professor Christopher Jones (Art & Design)
F2021	LA437 Regional Design Studio 'Forestry Calumet Coastal Communities'
F2020	LA437 Regional Design Studio 'ON-LINE/ON-LAND: Designing an Equitable Water Future for Chicago'
S2020	LA336/438 Studio Design Workshop 'DEPAVE CHICAGO'
S2019	LA336/438 Design Studio Workshop "Urban Surface: Calumet <i>TER/RAIN</i> "
F2018	LA250 Environmental Site Analysis "150 Trees"
F2018	LA346 Professional Practice in Landscape Architecture
S2018	LA336/438 Studio Design Workshop 'Urban Surface: Detroit'

S2017	LA587 Design Research Seminar 'Rethinking a Lot'
F2016	LA336 MLA Studio I 'Defining Sites, Designing Process : New Public Space'
S2016	LA438 Studio Design Workshop 'Surface Ecologies in Landscape Architecture: Chicago'
F2015	LA336 MLA Studio I 'Defining Sites, Designing Process : Environmental Field Gallery'
F2015	LA250 Environmental Site Analysis
S2015	LA438 Surface Studio Design Workshop 'Surface Ecologies in Landscape Architecture: Chicago'
F2014	LA437 Regional Design Studio 'Chicago-Calumet Waterlands'
F2015	LA250 Environmental Site Analysis

Independent Study + Directed Research

F2020	LA590 Huong Dinh "Toward Animal Solidarity in Landscapes" **Honorable Mention in LA+Creature international competition
F2020	LA590 Cher Wong "Toward Animal Solidarity in Landscapes"
Sum2020	LA590 Huong Dinh "Landscape Ecology: Frameworks, Excursions, & Design Models"
F2016	LA590 Qiran Zhang "Parametric Modeling : Chicago Test-plots"
F2016	LA390 Zheng Cong "Hydrogeologic Design: Chicago"
S2016	LA590 Scott Douglas, "UIUC Campus Stormwater: An Assessment and Evaluation of Strategies for High-Performance Landscape Design and Management"
S2016	LA590 Heena Gajjar, "Material Design Research: Asphalt Breakdown"
F2015	LA590 Wang, Jing "Sustainable Urban Design"

Master of Landscape Architecture Thesis Committee Work

2020-2022	Daniel Kletzing, "Soil Conservation as Desertification Mitigation in the Navajo Nation," Committee Member [MLA/MUPP dual-degree thesis]
2019-2020	Myers, Kayla, "Wild Farm: Regenerative Agriculture," Committee CHAIR
2014-2015	Sui, Xinyue, "Urban Archipelago for Climate Change Adaptation: The Next Phase of Landmaking in Boston" Committee CHAIR, *Nominated for Sasaki Day Awards,
2015	Kang, Min, "Weaponry Landscape" Committee Member
2015	Jiang, Xinnan, "The Role of Landscape Architecture in Stimulating Creative Industry : The Pilsen Neighborhood, Chicago" Committee Member

Thesis Committee Work (outside of Landscape Architecture)

2022-2023	Jane C. Gross, "Waukegan: A Case Study in Environmental Injustice," Committee Member [Master Thesis in Natural Resources and Environmental Sciences with McKenzie Johnson, Sheena Martenies]
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Illinois Institute of Technology [2011-2014]

Studios

S2014	LA542 Site and City : graduate landscape architecture '(Re)making the city as/through landscape'
F2013	LA545/ARCH419 Metropolis Infrastructure/Territory Studio 'FLOW City' : landscape infrastructure flood-resilience studio, 3500 acres Southside Chicago
S2013	LA542/ARCH418/ARCH420 Site and City : graduate landscape architecture / advanced option studio 'Urban Field and Forest' : productive, forest park along 4 miles of the CTA Green-line in South Chicago
F2012	LA543/ARCH417/ARCH419 Comprehensive Site Design : graduate landscape architecture / advanced studio 'Urban Water' : campus stormwater green infrastructure intervention, USEPA competition 1 st Place
S2012	LA544 Site City Region : graduate landscape architecture studio 'Park Here' : public space design of an abandoned transfer station, Chicago's Chinatown
F2011	ARCH545 Urban Design Studio : graduate architecture studio 'The Plant Exchange: Food as Ecological Urbanism' : community food design in the Chicago Stockyards
S2011	LA544/ARCH418/ARCH420 Site City Region: graduate landscape architecture / advanced studio 'Sites of Production' Englewood Embankment Corridor : urban food systems and vacant land regeneration

Courses/Seminars

S2014	LA514: Professional Practice of Landscape Architecture, S2014
F2013	CAE593/ENVE590: Urban Water Systems Lecture Series, F2013
Sum2013	IIPRO 321: IIT Green Infrastructure Stormwater Surfaces, with Dr. Paul Anderson/CAEE, Sum2013
S2013	AURB465 Principles of Urbanism : undergraduate architecture core curriculum, with Martin Felsen, S2013, F2012
S2012	CRP465 Ecological Basis of Planning : undergraduate architecture core curriculum, S2012, S2011

Independent Study

S2012 Catherine Trudeau, Sustainable Land Management

University of Maryland [2005]

F2005 LARC240: Graphic Communication & Design Studio, undergraduate landscape studio

Morgan State University [2004]

S2004 LAAR530: Landscape Architecture Studio III: Nature in the City, graduate landscape studio

University of Virginia [2003]

2003 Instructor, Design studio with Julie Bargmann, Summer 2003
Teaching Assistant, Planted Form, for Julie Bargmann, Spring 2003
Research Assistant, *Groundwork* book research for Elizabeth Meyer, Spring 2003

SERVICE

Department Service

[University of Illinois at Urbana Champaign]

2021-pres Chair, **Master of Landscape Architecture Program Committee**
2014-pres Faculty Advisor, **Student ASLA Chapter**
2020-2021 Member, Bachelor of Landscape Architecture Program Committee
2020-2021 Member, Grievance Committee
2020-2021 Chair, Search Committee for Assistant Professor
2019-2020 Member, Department Advisory Committee
2019-2020 Co-Chair, Biographical Diversity Symposium
2014-2017 Chair, 2015-16 Master of Landscape Architecture Program Committee, led *MLA Curriculum Revision*
Member, 2014-15, 2016-17
2014-2016 Member, Department Advisory Committee
2015-2016 Member, Assistant Professor Search Committee

[Illinois Institute of Technology]

2011-14 Academic Advisor, Illinois Institute of Technology
MLA Students, BArch / Landscape Architecture Specialization
2012-2013 Exhibit Coordinator, Illinois Institute of Technology, Annual Open House – Landscape Architecture
2013 Exhibit Coordinator, Illinois Institute of Technology, ASLA-CEO Roundtable visit

College Service

[University of Illinois at Urbana Champaign]

2022-2025 Member, **FAA Promotion & Tenure Committee**
2018-2022 Vice-Chair, FAA Executive Committee, 2019-22 (except S21 on sabbatical)
Member, 2018-2022
Elections & Credentials Sub-Committee, 2018-22
2018-2020 Member, FAA Courses & Curricula Committee
2014-2015 Member, FAA Landscape Architecture Head Search Committee

[Illinois Institute of Technology]

2012-14 Member, Admissions Committee, Illinois Institute of Technology
2011-2013 Member, Curriculum Committee, Illinois Institute of Technology
*MLA/March, Created dual-degree
Landscape Architecture Specialization*
2005 Member, Faculty Search Committee, Morgan State University,

University Service

[University of Illinois at Urbana Champaign]

2021-2022 Core Planning Committee, Campus Landscape Master Plan (CLMP)
2018- Member, **Illinois Geologic Mapping Advisory Committee**
2020-2021 Steering Committee, Campus Landscape Master Plan (CLMP)
2017,'19, '20 Grant Review, UIUC Campus Research Board

2017-2018 Member and Diversity Advocate, UIUC College of Fine & Applied Arts,
Dean Search Committee

2014-2015 Faculty Member, UIUC Institute for Sustainability Energy & Environment,
Illinois Climate Action Plan, iCAP Water and Stormwater Taskforce

[Illinois Institute of Technology]

2013-14 Member, Illinois Institute of Technology,
Architectural Design Review & Recommendation Committee

2012-14 Member, Illinois Institute of Technology, Office Campus Energy & Sustainability,
2020 Water Goal

External Service [Academic]

2020-2023 Editorial Board, **Ground Works, a2ru**

2019-2022 CELA Representative to **ASLA Licensure and State Governmental Affairs Committee**

2015-pres Paper Blind Peer-Review, **Council of Educators in Landscape Architecture**, National Conference

2019 Paper Blind Peer-Review, JAE Journal of Architectural Education

2017 Grant Review, National Geographic Society

2017 Paper Blind Peer-Review, TAD Technology Architecture & Design

Service in Design and Planning Public-Sector, NGOs, and Communities

2022-2023 Co-chair, Great Lakes Regional Climate Action Seminar, **IL-American Society of Landscape Architects**

2020-pres Steering Committee, **Chicago Calumet River Watershed Council**

2022-pres Technical Advisory Team, **Trust for Public Land**, Natural Solutions Tool

2021-pres Member, **River Ecology and Governance Task Force**, Metropolitan Planning Council

2014-pres Member, **Calumet Stormwater Collaborative**

2017-2022 Design Review Board, City of Urbana, IL

2018-2019 Campaign Committee, University of Virginia, School of Architecture, Design Excellence

2011-2013 Academic Subcommittee, American Society of Landscape Architecture

2010 Regional Committee, University of Virginia, Alumni Council, San Francisco

2005 Committee Co-Chair, Potomac ASLA Chapter Awards

2004-2005 National Student Services Committee, American Society of Landscape Architecture