

MATTHEW SEIBERT

THE UNIVERSITY OF VIRGINIA
The School of Architecture
Dept of Landscape Architecture
110 Bayly Dr
Charlottesville, VA 22903
email: ms3sy@virginia.edu

My research and teaching challenges dominant modes of knowledge production, employing alternative methodologies and immersive representational tools to cultivate a pluriversal understanding of being in the world. This practice and pedagogy in support of a world where many worlds and worldviews are not only welcome, but desired, is built by creatively interrogating conventional epistemologies—from design to science to history—through three core methodologies of decentering: 1) engaging human perception as medium in iterative body-schema simulation, 2) engaging the nonhuman as medium in more-than-human narratives, and 3) engaging history as medium in parafictional design research.

ACADEMIC APPOINTMENTS

The University of Virginia

School of Architecture
Assistant Professor of Landscape Architecture, Fall 2018 - present

The City College of New York

Bernard and Anne Spitzer School of Architecture
Lecturer in Landscape Architecture, Jan 2017 - July 2018

The Ohio State University

Austin E. Knowlton School of Architecture
Lecturer in Landscape Architecture, Fall 2016

PROFESSIONAL POSITIONS

Landscape Metrics

Co-Founder and Creative Director, June 2013 - present
www.landscapemetrics.com

Nelson Byrd Woltz Landscape Architects

Designer, Feb 2014 - Aug 2016
Supervisors: Thomas Woltz, Principal; Mark Strieter, Senior Associate

Louisiana State University

The Coastal Sustainability Studio
Landscape Lead, May 2013 - Jan 2014
Research Assistant, Jan 2011 - May 2013
Supervisors: Jeffrey Carney, Director of CSS; Bradley Cantrell, Director of RRSLA

EDUCATION

Louisiana State University

Robert Reich School of Landscape Architecture
Master of Landscape Architecture, 2012

University of Texas at Austin

College of Liberal Arts, Humanities Honors Program
Bachelor of Arts, 2005

BOOK

- 2021 **Atlas of Material Worlds: Mapping the Agency of Matter for a New Landscape Practice**
Routledge, an imprint of Taylor & Francis Group
contributing authors: Thomas Woltz, Stacy Alaimo, Denise Hoffman Brandt, Colleen Tuite, Ian Quate, Elizabeth Henaff, Brian Davis, Rob Holmes, and Kristi Cheramie
endorsements: Anna Tsing, UCSC; Catherine Seavitt Nordenson, CCNY; Susan Barba, New York Review of Books

BOOK CHAPTERS

*peer-reviewed

- 2021/2022 * **History as Medium: A Parafictional Practice for Past and Future**
Everyday Ecologies: Design within Many Natures
 forthcoming
 editors: Denise Hoffman Brandt
- 2020 * **Expanded Phenomenologies: Leveraging Game Engines and Virtual Worlds in Design Research for the Real**
Games and Play in the Creative, Smart and Ecological City
 Routledge Press, an imprint of Taylor & Francis Group
 editors: Marcus Owens and Dale Leorke
- 2019 * **After the Flood: The Incredible Lost Projects of the US Army Corps of Engineers**
Fresh Water: Design Research for Inland Water Territories
 Applied Research + Design Press (an imprint of ORO Editions)
 co-author: Kristi Cheramie
 editors: Mary Pat McGuire and Jessica M. Henson

AWARDS

- 2021 **Dean's Summer Research Grant**
 \$1,920 for design and production of AR-enhanced traveling exhibition, funding student research assistant
- 2020 **Dean's Summer Research Grant**
 \$5,000 for final production of *Atlas of Material Worlds* book project, funding student research assistant
- 2019 **Dean's Summer Research Grant**
 \$2,600 for site research in South America and Europe on landscapes of extraction book project
- 2017 **Buckhead Park Over GA400**
Merit Award - Urban Design, NY American Institute of Architects
 Team: Nelson Byrd Woltz Landscape Architects, Rogers Partners Architects + Urban Designers
- Buckhead Park Over GA400**
Merit Award - Conceptual Design, World Landscape Architect
 Team: Nelson Byrd Woltz Landscape Architects, Rogers Partners Architects + Urban Designers
- The Olana Strategic Landscape Design Plan: Restoring an American Masterpiece**
Professional Honor Award in Analysis and Planning, 2017 ASLA Awards
 Team: Nelson Byrd Woltz Landscape Architects, The LA Group, Susan Turner Associates
- The BK BioReactor: Investigating the Unseen Microbiology of the Gowanus Canal**
Showcased and Long-listed in Information Is Beautiful Awards 2017
 Team: Benjamin Wellington
- The Hidden Sediment Reserve: Quantifying Potential Sediment Trapped Within the San Francisco Bay-Delta Watershed's Reservoirs**
Showcased in Information Is Beautiful Awards 2017
 Team: Benjamin Wellington
- 2016 **What's Local? Agricultural Production and Resource Expenses near U.S..... Urban Areas**
Third Prize in Innovation Challenge for Food Resilience
 USDA and Microsoft
 Team: Eric Roy and Benjamin Wellington
- The Undisclosed History of Flood Control**
Individual Project Award (\$10k)
 New York State Council on the Arts (sponsored by the Van Alen Institute)
- 2015 **BK BioReactor: Investigating the Unseen Microbiology of the Gowanus Canal**
First Prize in Axis Civitas Competition
 Gowanus By Design
 Team: Elizabeth Henaff and Ian Quate
- A Resource Out of Place: The Story of Lake Erie, Phosphorus, and Toxic Algal Blooms**
First Prize in Visualizing Nutrient Pollution Challenge
 USGS, EPA, and Blue Legacy International
 Team: Eric Roy and Benjamin Wellington
- 2013 **Synthetic Mudscapes: Human Interventions in Deltaic Land Building**
Finalist for Stormproof Competition
 One Prize, organized by Terreform
 Team: LSU's CSS

TEACHING AWARDS

- 2021 **Speculating an Abolition Ecology: After Prisons, Then What?**
Olmsted Scholar Finalist, The Landscape Architecture Foundation
 Faculty advisor to Leah Kahler
- Amphibia: Navigating the Anthropocene as an Eastern Newt through Interactive Gaming**
National ASLA Student Honor Award, Communications
 Faculty advisor to Fanke Su
- Making with Microbial Worlds**
CELA Student Award for Research Scholarship
 Faculty advisor to Theodore Teichman
- 2020 **Super | Block | Chain**
CELA Student Award for Creative Scholarship, Honorable Mention
 Faculty advisor to Sean Kois
- Beijing Garden Festival**
Built project in Beijing Horticultural Expo Park
 Faculty advisor to Qiuming Ling, Theodore Teichman, and Jinyi Wang
- 2019 **Marijuana Justice: Rebalancing the Penalization and Profiteering of Cannabis through Landscape**
National ASLA Student Honor Award, Analysis & Planning
 Faculty advisor to Jingjing Lai
- 2018 **Songs From The Ocean, Dancers From The Land: Rendering An Ecological Choreography of Coastal Habitats in Phuket, Thailand**
National ASLA Student Honor Award, General Design
 Faculty advisor (w/ C. Seavitt-Nordenson) to Kate Jirisirtham
- 2018 **Pyro-Diversion: Planning for Fire in the San Gabriel Valley**
National ASLA Student Honor Award, Analysis & Planning
 Faculty advisor (w/ C. Seavitt-Nordenson) to Sarah Toth
- 2017 **Forests on the Edge: Plant-Based Economies Driving Ecological Renewal in Haiti**
National ASLA Student Honor Award, Analysis & Planning
 Faculty advisor (w C. Seavitt-Nordenson) to Christine Facella

ESSAYS + PAPERS

* peer-reviewed

- 2020 *** A Monstrous Breach: The Impossible Story of How the Army Corps Leveraged Infrastructure in Melville, Louisiana**
MANIFEST Journal, Volume 3: Bigger than Big
 Co-author with Kristi Cheramie
- 2019 **The Remarkable Lost Projects of the US Army Corps**
LUNCH Journal, Volume 13: Mischief; 2018
 Co-author with Kristi Cheramie
- 2018 **The Mississippi Delta: A Virtual Pop-Up Book of a Landscape in Peril**
PLOT Journal, Volume 7: Magic; May 2018
 Co-author with Margaret Mulligan and Rob Holmes
- 2017 **A Memoir of Landscape Erasure**
PLOT Journal, Volume 6: Cloud; May 2017
- 2014 *** Societal Phosphorus Metabolism in Future Coastal Environments: Insights from Recent Trends in Louisiana, USA**
Global Environmental Change, Vol 28; Sept 2014
 Co-author with Eric Roy and John White
- 2013 *** Saturated City: Wet Urbanism in Post-Disaster New Orleans**
PLAT Journal, Vol. 3; Spring 2013

MENTIONS

- 2018 **The Office of Recovery and Reconciliation**
 Fresh Water Symposium exhibition review in *Landscape Journal*, Vol. 37, No. 2
 Team: Kristi Cheramie
- 2017 **Bringing Back the Baylands: The Hidden Sediment Reserve**
 Featured in *Landscape Architecture Magazine*, Dec 2016
 Team: Benjamin Wellington
- 2016 **Advancing Waters: Tracking the Physical Toll of Seal Level Rise in New York City's Five Boroughs**
 Featured in *The Atlantic's CityLab*, *The Huffington Post*, and *Fast Company*
 Team: Benjamin Wellington

MENTIONS (cont.)

2016 **The BK BioReactor: Investigating the Unseen Microbiology of the Gowanus Canal**
 Featured in *The Brooklyn Daily Eagle*, *Fast Company*, *Urban Omnibus*, *Nautilus*, *Inverse*, *The Architect's Newspaper*, *Landscape Architecture Magazine*, *O'Reilly*, and *The Nature of Cities* podcast
 Team: Ian Quate and Elizabeth Henaff

Synthetic Mudscapes

Credited images in *Responsive Landscapes: Strategies for Responsive Technologies in Landscape Architecture*, by B. Cantrell and J. Holtzman, Routledge Publishers
 Team: Bradley Cantrell, Jeff Carney, and Elizabeth Williams

EXHIBITIONS + ARTIST-IN-RESIDENCIES

2021 **Material Cartographies: Mapping the Agency of Matter**
 Elmaleh Gallery, UVA School of Architecture, Oct-Nov | forthcoming: NYU, Auburn, OSU, University of Oregon, Asheville Art Museum

2019 **After the Great Flood: Recovering Impossible Histories of the US Army Corps of Engineers**
 Elmaleh Gallery exhibition, UVA School of Architecture

2018 **The Office of Recovery and Reconciliation: The Untold History of the US Army Corps of Engineers**
 Fresh Water Symposium exhibition, University of Illinois Urbana-Champaign

2017 **The Mississippi Delta in Augmented Reality**
 Rising Urbanists Conference exhibition, Hunter College, NY

2016 **The Hidden Sediment Reserve**
 Scalar Shifts Conference exhibition, Rhode Island School of Design

Managing the Mississippi: From Magma to Mud
 Banvard Gallery exhibition, OSU's Knowlton School of Architecture

The BK BioReactor
 Artist-in-Residency + Exhibition, School of Visual Art's Visible Futures Lab, NYC

2015 **The BK BioReactor**
 Gowanus by Design Axis Civitas exhibition, Site Gallery, Brooklyn

2014 **The Mississippi Delta: Sedimentary Lands in Peril**
 DredgeFest Louisiana exhibition, Tulane University, LA

CONFERENCE PROCEEDINGS

2020 **The Office of Recovery and Reconciliation: An Alternative History of the U.S. Army Corps**
Everyday Ecologies lecture series
 Spitzer School of Architecture, The City College of New York, NYC

Activist Phenomenologies: Game Engines as Design Research into Diverse Embodiment
Environmental Design Research Association

2019 **Cybernetic Phenomenologies: Virtual World-Building as New Body-Schema in Design Research**
Council of Educators in Landscape Architecture
 Sacramento, CA

2018 **Battling Both River and Time: A Preface for Rogue Rescues for Lost Landscapes**
Fresh Water Symposium
 University of Illinois Urbana-Champaign
 Co-author: Kristi Cheramie

2017 **Gaming Visual Rhetoric**
Design Against Denial Conference
 CCNY's Spitzer School of Architecture

2016 **Revealing the Invisible: How Visualization Can Translate Water Quality Data and Inspire Solutions**
National Water Quality Monitoring Conference
 Tampa, FL
 Co-authors: Benjamin Wellington and Eric Roy

2014 **Morganza Materialism: Landscape as Assemblage of Object Actants**
Visualizing the Sediment Diversion
Synthetic Mudscapes
Environmental Design Research Association: Building with Change
 New Orleans, LA
 Co-authors: LSU's CSS

CONFERENCE PROCEEDINGS (cont.)

- 2014 Synthetic Mudscapes**
 ACADIA: *Paradigms in Computing: Making, Machines, and Models for Design Agency in Architecture.*
 Los Angeles, CA
 Co-authors: Cantrell, Bradley, Jeff Carney, Matthew Seibert, and Elizabeth Williams.
- 2013 Metabolic Change: Parametric Projections in Urban Form and Material Flow**
 ACADIA: Adaptive Architecture
 Waterloo, Ontario

LECTURES + WORKSHOPS

- 2019 *Eidetic Data and Beyond***
 Invited talk by Nadia Amoroso at University of Guelph
- A Preface to Impossible Histories: Recovery & Reconciliation With The Us Army Corps Of Engineers***
 Exhibition lecture at The University of Virginia, School of Architecture
- Gaming Landscape Representation: New Methods, New Practices***
 Landscape Architecture Foundation webinar
- Interactive Information: Data-Scraping and Real-time Navigable Environments***
 Lecture + workshop (to be co-lead with Benjamin Wellington)
 University of British Columbia, School of Architecture + Landscape Architecture
- 2018 *Landscape Metrics: Data Visualization***
 NYU's Tandon School of Engineering
- 2016 *Managing the Mississippi: From Magma to Mud***
 The Ohio State University, Knowlton School of Architecture
- DredgeFest California: Regional Choreography***
 Workshop coordinator
 University of California Berkeley, School of Architecture
- Radical Cartography: Representing Place through the Mapping of Space and Process***
 AHO Oslo School of Architecture and Design
 Oslo, Norway
- 2014 *The BK BioReactor: Investigating the Unseen Microbiology of the Gowanus Canal***
 School for Visual Arts, Visible Futures Lab

COURSE INSTRUCTION

THE UNIVERSITY OF VIRGINIA

Research Studio -- Milton Land Lab: A Mesocosm for Ways of Knowing through Situated Making	SP 2021	Advanced Research Studio
Imaging the Green New Deal: The Climate Crisis + Gaming Landscape Representation	SP 2020-2021	Advanced Elective Seminar
Foundation Studio I	AU 2018-2020	Year 1 MLA Studio
Foundation Studio II	SP 2019-2020	Year 1 MLA Studio
Design Computation III	AU 2018-2019	Year 2 MLA Core Seminar
Gaming Landscape Representation	SP 2019	Advanced Elective Seminar

THE CITY COLLEGE OF NEW YORK

Bioremediation: Leveraging Biology in Addressing Toxic Legacies	SP 2018	Advanced Elective Seminar
Visualizing Central Park	SP 2018	Advanced Elective Seminar
Digital Imaging: A City Atlas of Landscape Dynamics	SP 2017	Advanced Elective Seminar
Thesis Studio	SP 2017, 2018	Year 3 MLA Studio
Studio BioDesign: It Will Be Soft + Hairy	AU 2017	Year 1 MLA Studio
Advanced Representation Techniques	SP, AU 2017	Year 2 MLA Core Seminar
Digital + Traditional Drawing	AU 2017	Year 1 MLA Core Seminar

THE OHIO STATE UNIVERSITY

Quarry Studio: What's Yours is Mined	AU 2016	Year 1 MLA Studio
Radical Cartography: Imaging the Lower Mississippi Valley	AU 2016	Advanced Elective Seminar

ADVISING

- 2021 *Milton Land Lab*
Independent Study, Sarai Carter + Erica Schapiro-Sakashita
- Simulating Grassland Futures: In Situ Extended Reality*
Independent Study, James Barnes
- 2020/2021 *Speculating an Abolition Ecology: After Prisons, Then What?*
Thesis, Leah Kahler

INVITED EXTERNAL CRITIC

- 2021 The Ohio State University, Penn State University
- 2020 The Rhode Island School of Design
- 2016 The City College of New York
- 2015 Columbia University

SERVICE - The University of Virginia

- 2020/2021 Member, LAR Faculty Search Committee
Member, Student Admissions
Organizer, 2021 Land Lab Lecture Series
Reviewer, Student Portfolio Review
- 2019/2020 Member, 100 Cities / 100 Events, Celebrating 100 Years at the A-School
Instagram Content Director, Dept of Landscape Architecture
Member, Student Admissions
- 2018/2019 Member, Promotion, Tenure, and Review for General Faculty Committee
Member, FabLab/ Arch Expansion ReThink
Member, Admissions
Member, Thaler Lecture Coordination

SERVICE - Profession / Community

- 2018 Peer Reviewer, Council of Educators in Landscape Architecture
- 2014 Peer Reviewer, Environmental Design Research Association