

Natalie A. Yates

Assistant Professor, Landscape Architecture, Ball State University

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www.transitory.space

EDUCATION

- 2009 **Master of Landscape Architecture**
Louisiana State University, Robert Reich School of Landscape Architecture, Baton Rouge, LA
Recipient Dean's Medal, College of Art and Design
- 2001 **Master of Arts, Russian & East European Studies**
Master's Certificate, Gender Relations & International Development
University of Illinois at Urbana-Champaign, Champaign, IL
- 1997 **Bachelor of Arts, Dual Degrees in Art and Russian Language**
Cornell College, Mount Vernon, Iowa

TEACHING APPOINTMENTS

- 2017 - present **Assistant Professor of Landscape Architecture**
Ball State University, College of Architecture and Planning, Muncie, IN
- 2010 - 2017 **Assistant Professor of Landscape Architecture**
Washington University in St. Louis, Sam Fox School of Design & Visual Arts, St. Louis, MO
- 2010 **Research Fellow**, Louisiana State University, Coastal Sustainability Studio, Baton Rouge, LA
- 2009 **Adjunct Lecturer**, Louisiana State University, Dept of Landscape Architecture, Baton Rouge, LA

GRANTS | AWARDS

- 2020 University Research Design Fellowship, Exhibit Columbus 2020-2021 New Middles Design Symposium & Exhibition (research/development in progress, presentations and exhibition 2021)
- 2019 National Science Foundation Cyber-Physical Systems, "Intent-based Multi-user Drone Management in Disaster Scenarios" collaborative research proposal submitted April 2019, \$199,577 (BSU portion) co-PI with Flavio Esposito, Srikanth Gururanjan, and David Ferry [unfunded].
- 2018 National Science Foundation Smart & Autonomous Systems, "Intuitive Tasking for Multi-User Drone Management in a Disaster Scenario" research proposal submitted July 2018, \$998,760, with Srikanth Gururanjan, David Ferry and Flavio Esposito [unfunded].
- 2017 New Faculty Grant, \$2800, "UAVs in Responsive Design", Oct 2017
- 2012 Creative Research Grant, \$3000, Sam Fox School Creative Activity, *Activating Capacities* initial research proposal with Asst. Professor Patty Heyda and Asst. Professor Christine Yogiama
- 2011 Professional Honor Award, Research Category, American Society of Landscape Architects [ASLA] for *Backyard Farm Service: A Business Plan for Localizing Food Production*, collaborative project with B. Cantrell, A. Chang, P. Michaels. (recognition from leading national professional association for landscape architects)

PUBLICATION

- 2012 *Modeling the Environment: Techniques and Tools for the 3D Illustration of Dynamic Landscapes*, book co-authored with Bradley Cantrell, John Wiley & Sons, Inc. ISBN 978-0-470-90294-3
- 2012 Drawings published in chapter "Exploration Drawings Mixed Media" by B. Cantrell and J. Carney, in *Representing Landscapes: A Visual Collection of Landscape Architectural Drawings* edited by Nadia Amorosa, London: Routledge.
- 2010 Drawings published in *The Trouble with City Planning: What New Orleans Can Teach Us*, authored by Kristina Ford, New Haven: Yale University Press.
- 2009 "Abstraction Language, Digital / Analog Dialogues," co-authored with Bradley Cantrell, ACADIA conference proceedings, Chicago, IL. (International association)

CONFERENCES | WORKSHOPS | GUEST LECTURES

- 2020 "Becoming Farmished" Deep Time conference, Council of Educators in Landscape Architecture [CELA] (Louisville, KY), abstract accepted (canceled due to COVID-19).
- 2020 "Visualizing in 360 Degrees" Deep Time conference, Council of Educators in Landscape Architecture [CELA] (Louisville, KY), abstract accepted (canceled due to COVID-19).

- 2020 with Martha Hunt, "Drones in Design Education: Reconnecting with Site and Kolb's Experiential Learning Theory" International Technology, Education and Development Conference [INTED] (Valencia, Spain), abstract accepted (canceled due to COVID -19)
- 2019 with Peter Ellery, "Drones In (and Out of) the Classroom: Experiences and Outcomes of a UAS Technologies Course and Beyond" Engaged Scholarship conference, Council of Educators in Landscape Architecture [CELA] (Sacramento, CA), presentation of research.
- 2019 with Peter Ellery, "Using Drones in Landscape Architecture: Project Processes, Outcomes and Significance" Engaged Scholarship conference, Council of Educators in Landscape Architecture [CELA] (Sacramento, CA), poster presentation.
- 2019 "Fieldwork and the Possibility of Drones" Design Principles & Practices Conference (St. Petersburg, Russia), abstract accepted.
- 2018 "Beyond the Visual: Evaluating Videography in Design Pedagogy," Transforming the Discussion conference, CELA (Blacksburg, Virginia), presentation of research.
- 2016 "Integrating Time-based Media in the Design Process," Dilemma: Debate conference, CELA (Salt Lake City, Utah), film screening and presentation.
- 2015 with Patty Heyda, "Activating Energy Capacity of Urban Vacant Land in St. Louis", incite Change | Change insight conference, CELA (Manhattan, Kansas), presentation of research.
- 2015 with Patty Heyda, "Activating Capacities: Eco Strategies for Vacant Land in St. Louis", Transnationalism from Above and Below: The Dynamics of Place-making in the Global City conference, Urban Affairs Association [UAA] (Miami, Florida), presentation of research.
- 2013 "Amplifying Scope, Accentuating Sequence: Landscape Architecture and Urban Design in an Architecture Curriculum", Space and Time, Place and Duration conference, CELA (Austin, TX), presentation of research and teaching.
- 2013 *Misi-Ziibi: Living with the Great Rivers: Climate Adaptation Strategies in the Midwest River Basins*, Invited Designer and Discussant, Washington University in St. Louis School of Architecture and Urban Design, with the Royal Netherlands Embassy.
- 2012 "Using New Technologies for the Accumulation of Representational Sediment", Finding Center: Landscape and Values conference, Research & Methods Session, CELA (Urbana-Champaign, IL), presentation of research and teaching.
- 2011 "Evolved Feedback Loops", Invited Speaker and Panelist, After Effects: Emerging Metrics in Landscape Symposia, Technological Landscapes session, The Ohio State University Knowlton School of Architecture (Columbus, Ohio).
- 2011 *Environmentalism and the Arts Colloquium*, Invited panelist, Washington University in St. Louis, Office of Sustainability.

EXHIBITIONS

- 2019 "Farmished Futures" and "The Dynamic and the Digital" exhibition of student work, FirstThursday MadJax, Muncie, Indiana, curator.
- 2017 "Terrain Operations: Topographic Manipulations" exhibition of student work, Givens Hall, Washington University, curator.
- 2016 "Testing Collecting Modeling" exhibition of student work, Kranzberg Art & Architecture Library, Washington University, co-curator with Christine Abbott.
- 2015 "Terrain Operations" exhibition of student work, Givens Hall, Washington University, curator.
- 2011 / 2012 "Parking Plot" MLA Student collaborative project with D. Imbert and P. Meijerink, site project installed Fall 2011, exhibition included in 2012 Venice Biennale, US Pavilion exhibition "Spontaneous Interventions", contributing faculty.
- 2010 "The Mississippi Delta: Constructing with Water" with LSU Coastal Sustainability Studio, exhibition in 2010 Venice Biennale, US Pavilion exhibition Workshopping: An American Model of Architectural Practice, contributing team member.

RESEARCH ACTIVITIES

- 2019 - present Post-Industrial Cities Think Tank, collaborative research of land capacity in former small industrial cities, core member, developing
- 2017 - present "UAVs in Responsive Design," developing research on the use of drones in design, on-going.
- 2015-2017 Landscape Research Center, a collaborative think tank for the practice of innovative landscape research, projects include *The Skylark Project*, *Irrigation Nation* and *A History of Agriculture*, core member
- 2015-2017 Landscape Architecture Multicopter Project [LAMP], developing research in aerial videography and landscape research, project developer
- 2014-2017 Urban Vitality and Ecology Initiative, interdisciplinary collaboration based out of St. Louis' sustainability plan which mobilizes cooperation between the Missouri Botanical Garden, Missouri Department of Conservation, the City of St. Louis and Washington University, collaborator
- 2014 Integrating Plant Biodiversity into the Construction Process: Building a Regional Awareness of Our Habitat, proposal for regional biodiversity study and mapping project, with Christian Clerc and Jessie Phelps, presented to St. Louis Chamber of Commerce Green Business Challenge, 2014, collaborator