

Natalie A. Yates (she/her)

Associate Professor, Landscape Architecture, Ball State University

Master of Landscape Architecture Graduate Program Director

Land Design Institute, co-director

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EDUCATION

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

TEACHING APPOINTMENTS

- 2024 - present **Associate Professor of Landscape Architecture**, Ball State University, Muncie, IN
- 2017 - 2024 **Assistant Professor of Landscape Architecture**, Ball State University, Muncie, IN
- 2010 - 2017 **Assistant Professor of Landscape Architecture**, Washington University in St. Louis, 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

- 2022 ASPIRE Junior Faculty Creative Arts Grant, \$15,000, "Calibrate: A drawing apparatus for interpreting environment data" research proposal for 2022-2023 [funded].
- 2020 University Research Design Fellowship, Exhibit Columbus 2020-2021 New Middles Design Symposium & Exhibition, \$10000 (research, build, workshops, colloquia, exhibition 2020 - 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)

EXHIBITIONS

- 2021 "Calibrate: Process and Design" installation, Instrumental Exhibition, College of Architecture & Planning Gallery, Muncie, Indiana, December 2021 - May 2022.
- 2021 "Calibrate" installation, Exhibit Columbus: New Middles Exhibition 2020-2021, Heritage Fund Courtyard, Columbus, Indiana, August - November 2021 (in progress).
- 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.

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

- 2024 “Extended Reality (XR) for Offshore Wind Farm Visualizations and Impact Assessment” Taking Action: Making Change conference, Council of Educators in Landscape Architecture [CELA] (St. Louis, MO), abstract accepted.
- 2023 “Evaluating Efficacy of Visual Impact Assessments of Offshore Wind Developments” Environment + Health conference, Environmental Design Research Association [EDRA] (Mexico City, Mex), poster accepted.
- 2023 “Regional Impacts and Local Opportunities of the Sierra de Picachos” Environment + Health conference, Environmental Design Research Association [EDRA] (Mexico City, Mex), poster accepted.
- 2023 “Assessing the Visual Impacts of Offshore Wind Harvesting Post-Development” Align | Realign conference, Council of Educators in Landscape Architecture [CELA] (San Antonio, TX), presentation.
- 2023 “Mapping the Ecological Significance of the Sierra de Picachos” Align | Realign conference, Council of Educators in Landscape Architecture [CELA] (San Antonio, TX), presentation.
- 2021 Mapping the Middle Design Research Conversations, (Columbus, IN), panelist / discussant
- 2021 2021 Exhibit Columbus Conversations: University Design Research Fellows (Columbus, IN), discussant
- 2021 New Middles Design Symposium “Geographies” (virtual, Columbus, IN) presentation of design concepts, panelist
- 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.

RESEARCH ACTIVITIES

- 2023 - present Land Design Institute, Ball State University, co-director
- 2022 - present Assessing and Developing Offshore Wind Farm Visual Impact Simulations, developing research on practices, process, and implications of simulated landscape imagery on developing green energy initiatives
- 2020 - present Translating Sensed Environment Data into Drawings, research in sensor data collecting and translating stemming from Exhibit Columbus University Design Research Fellowship and expanding through ASPIRE Junior Faculty Creative Arts grant
- 2019 - 2020 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.