BELLWETHER DESIGN michael@bellwetherdesignstudio.com bellwetherdesign.com inkwellcollective.com

EDUCATION

Master of Landscape Architecture | University of Washington | College of Built Environments | 2010.

- Research Design Thesis: "Found Walking: An Immanent Approach to a Derelict Post Industrial Site."
- Committee: Professor Thaisa Way and Professor Lynne Manzo.
- Declared a "magnum opus" of minimalist design, and described as "graphically lyrical" by the Washington Chapter American Association of Landscape Architects.

Bachelor of Science with Highest Honors | Department of Environmental Studies | University of California | Santa Barbara, CA | June 2006.

INSTRUCTION

Positions held:

Faculty Coordinator | Humans in the Environment | University of Washington | 2014.

Extension Lecturer | Humans in the Environment | University of Washington | 2014.

Instructor | Environmental Justice GSI Curriculum | Just Health Action and STEP | 2014.

Extension Lecturer | Humans in the Environment | University of Washington | 2012.

Adjunct Faculty | Environmental Studies, B.A. Liberal Studies | Antioch University | 2011-2014.

Affiliate Faculty | Community, Environment, & Planning | University of Washington | Winter 2011.

Math Instructor | Clark Middle School | Clovis Unified School District | Clovis, CA | 2007. Single subject staff permit for Math. March 2007-March 2008.

Substitute Teacher | Clovis Unified School District | Clovis, CA | Aug 2006-Aug 2007.

Courses Taught:

"Duwamish Valley Stewardship Program" | Duwamish Opportunity Fund | Spring 2015. Working to create Green Stormwater Infrastructure stewardship training program in the Duwamish River Valley. Classroom and paid field experience for youth and underemployed participants interested in green jobs.

"Environmental Research Methodologies I" | University of Washington | Summer 2014.
Research based field studies, census research, and data mapping to explore applied methods of environmental research.

"Environmental Research Methodologies II" | University of Washington | Fall 2014.

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Research based field studies, census research, and data mapping to explore applied methods of environmental research.

"Environmental Justice and GSI" | STEP, South Park Community Center | Seattle, WA, 2014. Green Stormwater Infrastructure classroom and field studies for youth in South Park Neighborhood. Included action projects to design and install 2 rain gardens.

"Environmental Research Methodologies II" | University of Washington | Fall 2012. Research based field studies, census research, and data mapping to explore applied methods of environmental research.

"Introduction to Pacific Northwest Ecology" | University of Washington | Summer 2014.
Students studied the landscape and health of the temperate coastal rainforest communities of the Cedar River/Lake Washington Watershed.

"Citizen Science: Science on the Street" | Antioch University | Fall 2011 and 2013. Methods of community engagement in research, policy, communication, justice, and design. Primary research required. Met with each student to guide research. Students participated in community meeting, kayak excursion, and volunteer restoration.

"Art & Nature: Drawing on the Landscape" | Antioch University | Seattle, WA | Summer 2011 and 2013. Experience, synthesis, and representation of sense of place through visual media, outdoor experience, and public performance. Guest artist visits. Three day cultural retreat to the Salish Sea Canoe Journey at Swinomish Tribal Community 2011.

"Tribal Canoe Journey" | Antioch University | Seattle, WA | Summer 2013. Learning experience about the natural history of Puget Sound, part of the larger Salish Sea, the Coast Salish cultures centered in the region, the impacts of settlement to the ecosystems and cultures of the region, and the "Canoe Movement," which has grown from a few canoes to over 6,000 people, annually. Co-taught.

"Environmental Response" | Community, Environment, & Planning | Seattle, WA | Winter 2011. Landscape theory of environmental relationships and embodied experience of place. Natural, cultural, physical, and spiritual flows through landscape. Field trips, art activities, primary research, guest performers, and student facilitated learning. Co-taught.

"Pre-Algebra" | Clark Middle School | Clovis Unified School District | Clovis, CA | March 2006-Aug 2007. Pre-Algebra for a at-risk student population. Dynamic management to engage specialized student needs.

Courses Assisted:

"Introductory Landscape Studio" | Department of Landscape Architecture | Seattle, WA | Fall 2010. Introduced design strategies of Landscape Architecture. Emphasis on ephemeral qualities of Ravenna Creek and community. Intro site analysis, representation techniques, design methods, and landscape history. Student work published in "Representing Landscapes: A Visual Collection of Landscape Architectural Drawings" Edited by N. Amoroso.

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"Modeling Landscape" | Department of Landscape Architecture | Seattle, WA | Fall 2010.
Digital techniques of representation and visual communication for Landscape Architecture graduates and undergraduates. Regular office hours, student workshops, online tutorials, and software program troubleshooting.

"Bioregional Field Studies" | Community, Environment, & Planning | Seattle, WA | Summer 2009-Summer 2010. Situated theories of history, place and inhabitance. Local topics on ecology, resources, food, policy, history, and justice. Mountain to Sound hikes every session, following water narrative to discuss systems, resources, and community. Led optional Foster Island Canoe Experience to paddle through a Cultural/Eco-narrative from the water. Weekend excursion to Tribal Canoe Journey with Carver's Camp and Makah Tribe. Led volunteer group.

"Spatatdaq: Cultural Walk" | Guest Lecturer | Ritsumeiken Summer Program, Zhejiang Summer Program, and UW School of Social Work | University of Washington | Seattle, WA | 2010-2014.
Cultural tour of sacred site located within the SR 520 Bridge Project.

CONFERENCES

Presentations:

Project and Research Presentation | Finding Our Way | Olympic Sculpture Park, Seattle Art Museum | January 2015. Presentation on creative cartography and wayfinding in a dynamic changing landscape.

Project Presentation | Finding Our Way to the Future | King Conservation District 65th Annual Awards Ceremony | Enumclaw, WA | October 2014.

Paper Presentation | "The Paradox of Design for Climate Change and Ecological Resiliency: Finding our Way to the Future" | 39th Annual Meeting of the Semiotic Society of America | Seattle, WA | October 2014.

Design Presentation | The Waterlines Project | Green Infrastructure Partnership Meeting | Seattle, WA | April 2014. Presented approach to design and research collaboration with The Waterlines Project, a project of Burke Museum.

Paper Presentation | "A Thin Line" | 2013 Design Principles and Practices Conference | Chiba, Japan | March 2013. Presenting on wayfaring and "filaments," an Inkwell Collective wayfinding art installation in Kent, Washington.

Paper Presentation | "A Becoming Place" | World Congress of the International Federation of Landscape Architects | Zurich, Switzerland | June 2011.

Presented independent research on experiential ways of knowing and telling in design. Embodied analysis of the urban-rural gradient to investigate the transitional characteristics of periurban landscape. Spontaneity and wandering as an approach to discovery and exploration. Graphic artwork showcased to advertise the Parallel Session on periurban design.

Paper Presentation | "A Becoming Place" | Annual Meeting of the Association of American Geographers | Seattle, WA | April 2011.

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Presented independent research on experiential analysis, transitional space, and place-based landscape research methods. Embodied exploration of the urban-rural gradient from Mountain to Sound to define the periurban landscape. Wandering to discover hidden traces of landscape appropriation and unsanctioned routes of movement in communities.

Paper Presentation | "As Found Walking" | World in Denmark Landscape Conference | published | Copenhagen, Denmark | June 2010.

Presented graduate research on movement and meaning in the Lower Duwamish River post-industrial landscape. Traces of movement and embodied knowledge presented as a primary lens of design in interstitial spaces. Emphasis on marks in the landscape to guide designing for hidden populations appropriating abandoned landscapes. Invited to submit to the Nordic Journal of Architectural Research/Nordisk Arkitekturforskning (2010).

Round Table Facilitator | "Strengthening Sustainability-across-the-Curriculum on Our Campuses" Place-based Experiential Education | Curriculum for the Bioregion | Tacoma, WA | Nov 2011.

Co-facilitated a curriculum discussion with Pacific Northwest instructors. Topic: Field experience, field trips, and primary research methods.

Discussion Facilitator | "Place-based Experiential Education" | Puget Sound Summer Field Course, Curriculum for the Bioregion | Seattle, WA | Nov 2009.

Session for instructors on place-based field studies. Boat tour of Puget Sound and the Lower Duwamish River. Facilitated discussion on integration of place-based education and experiential learning in curriculum. Duwamish River presented as an example.

Participation and Attendance:

Engaging Change: A Green(er) Perspective | Washington Association of Landscape Architects (WASLA) 2009 Conference | Seattle, WA | April 2009.

"Best Practices for Creating Cross Cultural Curriculum" roundtable workshop| Dr. Nancy Maryboy | Antioch University | Seattle, WA | June 2012.

RESEARCH

Periurban Trail Design | Co-partner Independent Research | King County, WA | Apr 2009-Jun 2011. Experiential periurban field research, landscape theory, and development of design strategies. Transects, field excursions, mapping, and process philosophy to explore landscape transition in the urban-rural interface.

Research Thesis: "Found Walking: An Immanent Approach to a Derelict Post Industrial Site."

Committee: Professor Thaisa Way and Professor Lynne Manzo. Award winning exploration of embodied methods of landscape research, representation, and communication.

Charrette Coordinator | Seattle Parks Department | Seattle, WA | Summer 2010.

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Community coordination. 30 youth voices organized into four distinct proposals for Othello Park site design. Submitted to Seattle Department of Parks and Recreation.

Architecture History Research Assistant | University of Washington | Seattle, WA | Fall 2009-Winter 2010. Created database of Post-Industrial design projects for Professor Thaisa Way. Recorded digital documentation of Gasworks Park and designer Rich Haag.

Student Activist | University of Washington | Seattle, WA | Summer 2008.

Created whitepaper and mapped data correlating health justice among Seattle's 500,000 citizens. Initiated a City of Seattle Taskforce.

Medical Research Volunteer | Valley Children's Hospital | Madera, CA | Jun 2005-Feb 2006.

Laboratory study to determine alternative neonatal meningitis detection using blood flow and white cell counts. Supervisor: Nadarasa Visveshwara, MD. Director of Neonatology.

PROFESSIONAL WORK

Artist + Designer + Founder | *Bellwether Design* | Seattle, WA | 2014 -present. Public Art and Design.

Artist + Designer + Cofounder | About Nature | Seattle, WA | 2013-present.

Environmental design team. Design to facilitate field experience of natural and cultural heritage. "The Waterlines Project Map" Partnered with The Waterlines Project, of the Burke Museum, to design and publish a mixed media rendered map of Seattle. Includes field excursions of the cultural and historic landscape of Seattle told through the lens of changing waterlines.

Artist + Designer + Cofounder | the inkwell collective | Seattle, WA | fall 2010-present. Environmental artist team. Reveal traces of movement, memory, and meaning in the landscape through installation art.

Landscape Designer | Michelle Arab Studio: Landscape Architecture and Public Art | Seattle, WA | Fall 2011-2012. Conceptual and technical exploration of the artful integration of nature and the built environment.

Tour Designer + Event Organizer | Seattle, WA | 2010-present. Landscape tours. Guided community walks exploring narratives of change, history, ecology, climate, and equity.

Graphic Designer | Freelance | Seattle, WA | Summer 2010-present. Web design, album art, educational and marketing print design.

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GALLERY DISPLAY

"Filaments" | the inkwell collective | OUT/in/Front: Landscape Leading | University of Washington, PAC | Seattle, WA | Oct 2012.

Gallery display of Pacific Northwest examples of landscape architects leading projects in the built environment. The "filaments" installation is an armature to discover a richer meaning inherent in the human relationship to the landscape. The work guides participants along the 22 mile Earthworks Tour to visit four distinct projects. Through form, color, and movement, the installation threads together the essence of these sites and the space between them into a narrative of a constructed landscape. The experience reveals the nature of the Green River Valley as one extensive engineered earthwork.

"Filaments" | the inkwell collective | Experimenting in Public Space: New Technologies & Making in Seattle's Landscape | American Institute of Architecture (AIA), Seattle | Seattle, WA | June 2012.

Gallery display of contemporary explorations of landscape architecture. The "filaments" installation is an armature to discover a richer meaning inherent in the human relationship to the landscape. The work guides participants along the 22 mile Earthworks Tour to visit four distinct projects. Through form, color, and movement, the installation threads together the essence of these sites and the space between them into a narrative of a constructed landscape. The experience reveals the nature of the Green River Valley as one extensive engineered earthwork.

"SIDEwalkSHOW" | the inkwell collective | Seattle Design Jam Street Furniture Competition | Seattle Design Festival | Seattle, WA | Sept 2012.

Public display of street furniture, built with a limited material pallet, intended to invite the public to engage their environment. SIDEwalkSHOW, similar in design to a carnival sideshow cutout, invited the community to draw the individual likeness they portray to the world. It was inspired by the definition of furniture referring to one's own outlook and attitude.

"Built Apparition" | Scan|Design Foundation Master Studio | Public Places, Public Life | Seattle, WA and Copenhagen, Denmark | 2010.

Precedent study: 2 week architecture study in Copenhagen, Denmark. Co-designed alley master plan, Pioneer Square Alleyways. Pioneer Square individual Alley Design to highlight urban landscape memory, "Built Apparition." Gallery Displayed at FeetFirst Open House. Gallery Group Display at Green Alley Competition. Graphics Featured on City Inside/Out. Studio project promoted through NPR and The Stranger.

"King Street Dynamism: Tactics for Revitalizing a Multicultural Neighborhood" | International Architecture Bienalle, Parallel Cases | Rotterdam, Netherlands | Winter 2009.

Coordinator of 15 member design team for gallery competition. International District community design project. Organized community meeting, participatory research activities, collaborative exercises, and combined student work into one cohesive entry.

"Cephalopod" and "Mollusk" | Art Space Gallery | Fresno, CA | Spring 2007. Wood Sculpture and Watercolor painting displayed in group art show.

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COMMISSIONS + NOTABLE PROJECTS

"About Time" | About Nature | Duwamish Revealed | coming 2015.
Temporary Duwamish River installation to experience 20,000 years of history through light and sound.

"Like It Was" | *Bellwether Design* | Municipal Transfer Station, Seattle, WA | Summer 2014 - present. Living cross section of Waterlines Project Map. Youth designed rain garden installed. Approved conceptual artwork pending completion.

"Coop Rain Garden" | *Bellwether Design* | Marra Farm, Seattle, WA | Summer 2014.

Design/Build with community youth. In partnership with Just Health Action, Solid Ground, and Marra Farm Chicken

Design/Build with community youth. In partnership with Just Health Action, Solid Ground, and Marra Farm Chicken Cooperative.

"Creative Cartography Communal Mural" | *Bellwether Design* with Cynthia Updegrave, and Melanie Schambach | Seattle Art Museum | 2015.

Communal map mosaic using paint, pastel, and collage. Youth and parents participants at Seattle Art Museum's Winter Weekend Kids' Saturday.

"Field Book to Perceptual Cartography" | *Bellwether Design* with Cynthia Updegrave | 2015. Participatory art exploration using a print Field Book designed for the first Seattle Art Museum Winter Weekend Sunday Meetup. Coordinated with Creative Cartography Communal Mural.

"Tide Gauge" | Bellwether Design, and Finding Our Way | Seattle, WA | 2014.

Temporary intertidal art installations in the Duwamish River at two sites. Work installed in conjunction with the Duwamish River King Tide Parties. Coordinated the King Tide Parties in collaboration with Urban Systems Design, Sea Grant, and Sustainable Seattle.

"Finding Our Way" | Artist Residence | Seattle, WA | 2014.

Partnership to engage the Duwamish River Valley community in climate change resilience and adaptation dialogue. Phase I includes community-based public art installation and preliminary climate research.

"The Waterlines Project Map" | *About Nature* | Seattle, WA | 2013-current.

Partnered with The Waterlines Project, of the Burke Museum, to design and publish a mixed media rendered map of Seattle. Includes field excursions of the cultural and historic landscape of Seattle told through the lens of changing waterlines.

"Maa Nyei Lai Ndeic (My Mother's Garden)" | About Nature with Higbee Design Collaborative | Seattle, WA | 2013-2014. Community P-Patch Design for City of Seattle. Through a series of workshops, we worked with Mien immigrant gardeners to redesign a 70,0000 sqft community garden in the Beacon Hill neighborhood of South Seattle.

Gardener | Olympic Sculpture Park, Seattle Art Museum | Seattle, WA | 2013 - 2014. Seasonal tending of post-industrial landscape of Olympic Sculpture Park with Master Gardener.

Kent Art Identity Project | inkwell collective | Kent, WA | Oct 2012-May 2014.

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Developed and produced a packaging campaign for the City of Kent's public art collection. Logo branding, plaques with descriptions, and interactive digital library of public works.

"Filaments" | *inkwell collective* | Public Art and Wayfinding Installation | Kent, WA | June 2011-present. Environmental installation marks the 22 mile Earthworks Tour. Threads of memory, meaning, and the human relationship to the landscape revealed through movement. Physical and virtual installation: including 66 unique installations, a digital audio tour, and graphic publications. Funding and support by the National Endowment for the Arts, the City of Kent, and 4Culture.

"Open Source: Cultivating Our Future" | Urban Intervention: The Howard S. Wright Design Ideas Competition for Public Space | Seattle, WA | 2012.

Landscape Design consultant with Michelle Arab Studio and in collaboration with Richard Owen Architects. Design: open network of spaces and built-form that fosters discovery, inspiration and dialogue, without limits on use and encouraging collaboration and change.

Duwamish River Walk/Bike/Paddle Cultural Tour | Duwamish River Festival | Duwamish River Cleanup Coalition | 2012. Designed and hosted guided walk of the Duwamish River industrial landscape from Alki to Duwamish Waterway Park in South Park. Fundraiser for the Duwamish River Festival.

"Sbatatdaq: Ceremonial Link to Place." | Freelance | 2010.

Cultural tours of a Lake Washington indigenous narrative. Research included in "weAeb?altx: Intellectual House Research Resource Guide." Support: Cynthia Updegrave, Dr. Charlotte Coté of the Intellectual House Advisory, and Jones and Jones.

JW Marriott | Michelle Arab Studio | Puerto Los Cabos, Mexico | 2012. 12 acre luxury hotel. Olson Kundig Architects project. Design Development.

Panvest | Michelle Arab Studio | Taipei, Taiwan | 2012. 5 hilltop estates. Olson Kundig Architects project. Design Development.

"Creation Stories," | freelance | Seattle, WA | 2010. Album art for Salish flautist Paul "Che oke ten" Wagner.

"Place for Story," | Freelance | Seattle, WA | 2011.

Poster design for client. Cosmic Serpent Conference: Indigenous and Western science.

"Edges and Openings," | Freelance | Seattle, WA | 2013. Pecha kucha presentation design for client. Seattle Art Museum event.

King Street Visioning Project | University of Washington | 2009.

Community participatory design in the International District. Partnered with InterIm CDA and ID PDA. Participatory research, and community-based design in the heart of the neighborhood. Exhibited at the 4th International Architecture Biennale Rotterdam. Co-led studio teams and coordinated entry.

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AWARDS

WASLA Award | "Found Walking" design/thesis | Washington State ASLA | Seattle, WA | 2010-2011.

WASLA Honor Award | "Situated Meaning" design | Washington State ASLA | Seattle, WA | Winter 2010.

Travel Award | Graduate School Fund for Excellence and Innovation | University of Washington | Seattle, WA | Spring 2010.

Parallel Cases Exhibit | 4th International Architecture Biennale | Rotterdam, Netherlands | 2009.

WASLA Award | "Shelter Art" group public art | University of Washington, CBE | Seattle, WA | Winter 2009.

WASLA Award | "Back on the e.Rode Again." design | Washington State ASLA | Seattle, WA | Spring 2008.

FOTA Award | "Cephalopod" sculpture, multimedia gallery exhibition | Art Space Gallery | Fresno, CA | Spring 2007.

Lifetime Member | Golden Key International Honour Society.

STUDENT ADVISEMENT

Faculty Advisor | Program on the Environment | University of Washington | Seattle, WA | 2012. Support Zarah Hitner's year-long capstone project developing art/nature curriculum for The Nature Consortium.

Research Mentor | Mary Gates Research Symposium | University of Washington | Seattle, WA | Winter 2011. Student: Nick Iverson. "A Legacy of Sand Point: The Meaning of the Mud Lake Wetlands."

VOLUNTEER

Charrette Facilitator | Green Futures Lab and City of Edmonds | Edmonds, WA | March 2011.

Invited Guest Critic | University of Washington | Seattle, WA | 2009-2014.

- Urban Gardening Graduate Studio | Winter 2014.
- Intro Landscape Architecture Studio | Winter 2013.
- Graduate Thesis Studio | Fall 2011.
- Landscape Art, 507 | Fall 2010.
- Neighborhood Design Studio | Fall 2009.

Restoration Volunteer | Duwamish River Cleanup Coalition & People for Puget Sound | Seattle, WA | Sept 2010-2013.

Work party Volunteer | Habitat for Humanity | South King County, WA | April 2010.

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DESIGN SKILLS

Handwork: drawing, charcoal, watercolor, modeling, laser cutter, sculpture, woodworking, carpentry, mechanics.

Design: Adobe Photoshop & Illustrator, AutoCAD 2D/3D, Bentley Microstation, Sketchup.

Analysis: ArcGIS, Microsoft Excel.

Publishing: Adobe InDesign, Microsoft Word, Publisher, and PowerPoint.