

# elizabeth a. umbanhowar pla, asla, leed ap

## education

University of Washington Seattle WA (September 2004 – June 2007) Masters of Landscape Architecture  
University of Washington Seattle WA (September 2001 – June 2002) Certificate in Scientific Illustration  
Indiana University Bloomington IN (September 1992 – June 1996) Graduate Studies in Art History  
Carleton College Northfield MN (September 1985– June 1989) Bachelor of Arts English

## research interests

- History and design of transportation systems and urban form
- Designing for movement in landscapes—walking, running, biking, hiking—to promote individual health, place attachment, and social healing
- Use of film and virtual and augmented reality as a research, teaching, and design tool
- Phenomenology and the role of art in exploring the relationship of time and the body to city form

## experience

### TEACHING

**Lecturer** University of Washington, Department of Landscape Architecture (Fall 2007 – Present)

Introductory and advanced graduate and undergraduate design studios, lecture courses in history and theories of landscape architecture, architecture in the landscape, creativity and design futures, public art, professional practice, graduate thesis advising and independent studies in materials and materiality and interdisciplinary scholarship

### Studio

- L507 *Landscape and Art Graduate Design Studio* (Fall 2016)
- L498 *Neighborhood Design Studio—A Moveable Fea(s)t: (Re)Connecting the Mobile City* (Summer 2016)
- L303 *Ecological Processes Studio* (Spring 2016) co-taught with Leann Andrews (Spring 2016)
- L300 *Introduction to Landscape Architecture Studio* (Summer 2015, Fall 2014, Fall 2012, co-taught with Iain Robertson summer 2008, Fall 2007)
- L302 *Neighborhood Design Studio* co-taught with Luanne Smith, Daniel Winterbottom (Winter 2013, Winter 2017)
- L402 *City of Shoreline Neighborhood Design Studio* co-taught with Luanne Smith (Winter 2008)
- L498 *History of Public Art and Space* co-taught with John Young and David Streatfield (Winter 2008)

### Lecture

- L362 *Design of Cities* (Spring 2017)
- L473 *Professional Practice in Landscape Architecture* (Winter 2017)
- L212 *Designing the Future* (Fall 2016)
- Arch 591 *Architecture in the Landscape* (Spring 2016, Spring 2017)
- L352 | L552 *History of Modern Landscape Architecture – Prehistory to Mid-19<sup>th</sup> century* (Fall 2013, Winter 2016)
- L353 | L553 *History of Landscape Architecture—Mid-19<sup>th</sup> century to Present* (Winter 2014)

### Independent Studies

- Runhua (Kerry) Zheng, *How to Make Privately Owned Public Spaces (POPS) Truly Open to the Public: A Case Study of Characteristics of POPS Usability in Downtown Seattle* (Winter-Spring 2015)
- Anna Livia Helander, MArch candidate, *Relationship of Landscape and Architecture* (Spring 2014)
- Stephen Trigueiro, BLA, L499 *Undergraduate Research for Writing Credit Embodiment and Materiality in Landscape* (Winter 2013)

### Thesis Advising (Reader)

- Michael Fode, BA candidate, Political Science, *The Impact of Automobile Ownership on Low Income People: Spatial and Policy Drivers* (Winter 2017)
- William Estes, MLA candidate, *Form and Landform*, (2016-2017)
- Stephen Trigueiro, MArch candidate (UW) *Instant Cities: Unstable Soil for Syria's Scattered Seeds* (2016-2017)
- Jennifer Janousek, *Ephemeral Design: Capturing Time and Ecological Processes along the Elwha River* (Spring 2013)

## experience

TEACHING cont.

**Visiting Lecturer** University of British Columbia, Vancouver BC, Department of Landscape Architecture (Fall 2015)

### Studio

L504 | L505–*Vertical Design Studio IV: Urban and Regional Public Realms Excavating the Underneath: Soils, Signs, Synchronicity and Site at False Creek Flats*

### Lecture

L522 *History of Landscape Architecture* (North America, Europe, Asia)

### Thesis Advising

Deanne Manzer, MLA *Missed Connections: Strategies for Increasing Social Interaction at Transit Stations* (Spring 2016)

### Other Teaching

**Instructor** *National Garden Clubs Landscape Design Study Program* (Fall 2011- Spring 2012)

Develop and teach courses in history and design methodology including:

- *Development of Landscape Design in Early America 1600-1840*
- *Development of Landscape Architecture from 1840-1940*
- *Landscape Design Process*
- *Introduction to Urban Design*
- *Parks, Playgrounds and Conservation Areas*
- *Development of Landscape Architecture from WWII to Present*
- *Evaluation of Landscape Designs of Residential, Public and Business Properties*

**Graduate Teaching Assistant** University of Washington, Departments of Landscape Architecture, Fine Arts

- L498 *Therapeutic and Healing Gardens Certificate Program* (Spring 2007)
- L475 *Design Build Studio* Design and construction course at White Center Park (Spring 2007)
- ART234/L498 *Public Art, Public Places* Led discussion sections on a variety of topics and wrote, administered and graded semi-weekly quizzes and papers (Winter 2006, 2007)
- L300 *Introduction to Landscape Architecture* Co-taught with Nhon Truong (Fall 2006)
- L507 *Landscape Art Graduate Studio* design competition to re-envision UW Red Square (Fall 2005)

**Graduate Research Assistant** University of Washington, Landscape Architecture and Architecture

- *Independent Researcher* Worked with Professors Sharon Sutton (architecture) and Susan Kemp (social work) to research and prepare a proposal to UW Press for *Place Matters: Seeking Equity in a Diverse Society*, an anthology of essays (Spring 2007)
- L504 *Community Design Studio Open Space Seattle 2100 Project* Edited and produced final OSS2100 report, organized exhibition of studio work at City Hall and Odegaard Library; presented student projects at citywide public meetings (Winter, Spring 2006)
- L402 *Neighborhood Design Studio* Organized, edited and produced 70-page final document of student projects using Word, InDesign and PhotoShop (Winter 2005)

**Landscape Architect** Parametrix (July 2008- June 2016)

**Focus** Large-scale public transportation infrastructure planning, nonmotorized design, landscape architecture, urban design | open space planning, habitat restoration, public involvement, sustainability

**Clients** Washington State Department of Transportation (WSDOT), City of Seattle, King County Parks and Recreation, Portland TriMet, and Oregon Department of Transportation

### Projects | Skills

- Served as Urban Design and Landscape Architecture task lead for WSDOT SR 520 project:
  - Develop conceptual, schematic design and construction document deliverables for landscape architecture program
  - Lead non-motorized transportation design stakeholder outreach, analysis, synthesis and design
    - Participate in design coordination with Seattle Design Commission and City of Seattle Departments of Planning, Parks and Recreation, and Transportation
  - Co-author urban design planning and Request for Proposal documents: Final Concept Design Seattle Report (2014), Seattle Community Design Process Report (2012), and Eastside Urban Design Criteria (2010) for eastside corridor RFP
  - Develop mitigation design and construction documents for estuarine, fresh water wetland and shoreline habitat restoration

## experience

LANDSCAPE AND URBAN  
DESIGN PRACTICE

## experience

LANDSCAPE AND URBAN  
DESIGN PRACTICE cont.

- Develop irrigation design details and plans
- Conduct visual quality assessment for NEPA I EIS documentation
- Prepare illustrative exhibits and facilitate public meetings
- Develop cost estimates
- Evaluate sustainability practices and outcomes using FHWA's INVEST Sustainable Highways self-evaluation tool
- Develop levels of service guidelines for soft surface trails program for Department of Parks and Recreation City of Seattle
- Contribute to development of bridge and wall aesthetics for Oregon DOT highway overpasses

### **Landscape Associate** Richard Haag Associates, Seattle WA (2007-2008)

Produced construction documents for residential design projects using hand rendering, AutoCAD, Adobe Creative Suite. Prepared communication materials for conferences and marketing.

### **Transportation Intern** King County Department of Transportation Road Services Environmental Unit (May–November 2005)

- Monitored vegetation, ground water (piezometers), wildlife activity (salmon, bird surveys) at wetland, stream mitigation sites
- Used and maintained GIS field equipment, YSI water quality instrumentation, water pump and hand tools
- Researched and co-wrote \$500,000 PSRC grant for development of BMPs for county wildlife crossings

### **Evaporative Fault** *Skyline Lerata* 2014 Co-artist with John Umbanhowar, AIA, Los Angeles CA (February 2014)

A temporary art installation in the historic Case Hotel exploring the revelation of erosions and accretion of time and place at the interface of landscape, architecture and urban environment.

### **A Wall and An Egg** *ArtSparks* Co-Curator with Susie Lee, Seattle Parks and Recreation ARTSparks (2009)

A 5-month outdoor art series featuring multiple local visual and performance artists in Occidental Park based upon the work of Haruki Murakami to activate and enliven public space. Developed conceptual framework, facilitated presentations, managed artists, documented performances.

**One to One** Co-artist with Emily Carlson (2007) A temporary installation that grafted the language of landscape, or design representation, directly into a real space. Chalking denotes proposed contours and placement of tree symbols in a full-scale exterior courtyard "plan". Three-dimensional "trunks"—both abstract and substantive—sway above, confounding the static quality of landscape presentation materials.

**King County 4Culture** Juror Greenlake Park and Ride project, selected Sheila Klein (Spring 2006)

**King County 4Culture Public Art Advisory Committee** Provided design review of capital projects and art plans, evaluated and set commission policy and provided fiscal oversight (2002–2004)

**Wing Luke Asian Museum** Juror *Beyond Talk: Redrawing Race II Community Exhibit* (2012); Juror \$40,000 capital art installation for new museum facility (Spring 2007); Juror *Beyond Talk: Redrawing Race* exhibit (Spring 2004)

**Office of Arts and Cultural Affairs** Advisor *ARTSparks* (Fall 2011); Juror SDOT Sidewalk Development Artwork Project (Fall 2010)

**Pratt Fine Arts Center** Juror *Pratt Scholarship Program* (Summer 2010)

**Frye Art Museum** Guest Chaperon for student course *Geocaching and Art in the Public Realm* assist students using GPS to locate artist-produced urban explorations (Summer 2009)

**Washington State Arts Commission** *Artist Selection Committee* Lake Washington Technical College (September 2000–May 2001)

### **Director of Fund Development** Wing Luke Asian Museum, Seattle WA (July 2002–September 2004)

- Researched, wrote and produced all grants and financial reporting to foundations, corporations and government agencies for operational and program support for Asian Pacific American cultural museum, including \$1 million + capital grant.
- Developed Art Plan for new museum construction. Assisted with program development.
- Served as organizer and juror for *Beyond Race*, an exhibit focusing on the experience and race in Seattle

## experience

NONPROFIT COMMUNITY,  
ART AND ENVIRONMENT

## experience

NONPROFIT COMMUNITY,  
ART AND ENVIRONMENT  
cont.

### **Executive Director** Kirkland Arts Center, Kirkland WA (July 2000–May 2002)

- Administered education and gallery programming: 45 quarterly classes, 10 professional annual exhibits
- Hired and supervised 3 full time and 2 part time staff and 40 part time visual arts instructors
- Wrote and administered all grants
- Instigated organizational strategic and business planning
- Designed and edited organizational publications
- Served on City of Kirkland Arts and Culture Task Force to form new municipal arts commission.
- Co-organized international outdoor sculpture exhibit with City of Kirkland and Buschlen Mowett Gallery
- Acted as representative for Chamber of Commerce on City of Kirkland Lodging Tax Working Group

### **Project Operations Manager** Adopt-A-Stream Foundation, Everett WA (May 1998–March 2000)

- Conducted educational workshops for student focused on salmon biology, biological monitoring, stream ecology, restoration methods
- Conceived and organized lecture and photography exhibit Reaching Home: Pacific Salmon, Pacific People by Natalie Fobes
- Edited, wrote and produced grant proposals
- Developed organizational promotional literature and educational materials, including merchandise catalogue, website design
- Edited and produced second ed Streamkeepers' Field Guide, Adopt-A-Stream Foundation, Everett WA (1999)
- Administered accounts payable, receivables and payroll
- Managed merchandise inventory, sales, shipping and advertising

**Design as Protest: National Day of Action** College of Built Environment, University of Washington, facilitator (Winter 2017)

**Phinney Commission Peer Review** – Provide feedback for candidates from the Czech Republic applying for academic scholarships in landscape architecture in the United States (2017)

**Phinney Neighborhood Association (PNA)** Fundraising committee service (2005 to present)  
WASLA UW Student Mentor Advise emerging landscape professionals (Fall 2007 – 2016)

**Women in Transportation** Mentor Advise students and emerging professionals (2012-2016)

**WASLA UW Juror for Student Written Entries** (Spring 2011 to Spring 2015) Organize jury and evaluate and award written materials–theses, seminar papers, team projects, journals–of graduate and undergraduate students

**Professional Advisory Committee (PAC)** Department of Landscape Architecture, University of Washington (Fall 2011 – Spring 2013) Served as professional advisor and advocate, contributed financially for student scholarships, assisted in planning and execution of Class of '59 fundraising effort for Department endowment and organization of guest lecture by David Streatfield, emeritus.

**Reviewer and Guest Lecturer** University of Washington (Fall 2007 – 2016) Provide design critique for student projects and guest lectures for Urban Ecology design studios, *Professional Practice*, *Future of Design* and graduate *Thesis Methods* courses and *Urban Planning* URBDP 503 Communication and Analysis

**UW Design Build Program Advisory Committee** Nikkei Mansion Senior Housing Courtyard Project (Winter, Spring 2012); Fisher House Project VA Hospital (Spring 2010)

**826 Seattle** (now Bureau of Fearless Ideas) Workshop Facilitator Develop and teach creative writing courses for children, Seattle WA (2009 – 2010)

**UW Landscape Architecture Student Design Competition** Juror (Fall 2008)

**UW Campus Landscape Architecture Committee** Student representative (2006-2007)

### **UW Student Chapter of American Society of Landscape Architects** *President* (2005–2006)

- Fostered professional and social activities and interactions for students, faculty, and professionals
- Organized weekly lecture series discussing various aspects of landscape practice and education
- Served as student representative to other organizations, department, including college dean search

### **Hedgebrook Board Member** (December 2004–June 2005)

- Advised for nonprofit retreat supporting women writers, including land use practices

## service

## service

cont.

**Washington Native Plant Society** *Native Plant Steward* (March 2004 – present)

- Completed 10-week training course in native plant identification, taxonomy, propagation and salvage

**Art Science Community Advisory Committee** University of Washington Bothell (February–May 2005)

- Organized EarthRites: Imagination and Practice in Sci-Arts Eco-Cultures conference
- Served as panel respondent to ecological artist Akiva Rahmani

## conferences and presentations

**Seattle Architecture Foundation** *Best Laid Plans* Co-presenter with Mark Hinshaw (Walker Macy) and Chris Patano (Patano Architecture)

"(Re)connecting the Green: Seattle Urban Planning from a Landscape Perspective" (June 21, 2016)

**Washington Chapter–American Society of Landscape Architecture (WASLA) Conference** "(Re)discovering the Slow(er) City in Sneakers: Running as a tool for guiding design in the virtual sonic age," and "Magic Highway? Did Disney get it all right or steer us terribly wrong? (Highway History and the Role of Landscape Architects in Moving US Forward)" at *Where History Meets Nature* Spokane WA (April 21, 2017). Co-presenter with Matthew Gurrad, PLA and Lindsay Horton, PLA, "Design Build Practice on Large Scale Public Infrastructure Projects" (March 2012)

**University of Washington** "The Role of Landscape Architects in Planning: Shaping and Moving a City" Urban Planning URBDP 503 Communication and Analysis (May 22, 2015, February 12, 2016)

**National Garden Club Shirley Meneice Horticultural Conference** "Laying the Groundwork, Preserving the Green: How the Olmsted Brothers Shaped the History and Future of Seattle," Guest Presenter, Seattle WA (September 2015)

**ODOT GeoEnvironmental Conference** "Measuring Sustainability on Transportation Infrastructure Projects: A Case Study on How Sustainability Metrics Were Used On TriMet's Portland to Milwaukie Light Rail Project" Co-presentation with Robert Hastings, AIA (TriMet), Eugene OR (April 2015)

**Seattle Art Museum Creative Careers** Panel Presenter Arts and Academics Academy (October 2014)

**American Metropolitan Planning Organization (AMPO)** *Sustainable Practice, INVEST and TriMet Lightrail* Portland OR (October 2013)

**FHWA INVEST Webinar** Presenter "Sustainable Practice and INVEST for Portland TriMet" (August 2013)

**Parametrix Town Hall** *Sustainable Practice and Landscape Architecture* (July 2013)

**Washington Chapter–American Society of Landscape Architecture (WASLA) Conference** Conference Co-organizer with Kari Stiles, *Engaging Change: A Green(er) Perspective*, WA (April 2009)

Workshop Presenter "Using Video in Landscape Design Practice" Berger Partnership (October 2007)

Faculty-nominated Student Graduation Speaker University of Washington, College of Architecture and Urban Planning (June 8, 2007)

## publications

Elizabeth Umbanhowar et al, *Savor: Stories from the Umbanhowar Table*, self-published, 2010

108-page compilation of original essays, poetry, memoir and family recipes with photography documenting the legacy of the family farm and parental influence on their children's' environmental and intellectual ethos on the occasion of a shared 70th birthday celebration.

Brice Maryman and Elizabeth Umbanhowar, "Green Government: A Landscape Architect Redefines his Role to Make Change in the Public Realm," *Landscape Architecture Magazine* July 2008 98 (7).

Brice Maryman and Elizabeth Umbanhowar, "How Not to Revitalize an Icon," *Landscape Architecture Magazine* April 2008, 98 (4).

Elizabeth Umbanhowar "A Student's Perspective" with Daniel Winterbottom, "Landscapes of Compassion: In Guatemala, Building Gardens of Hope," *Landscape Architecture Magazine* February 2008, 98 (2): 60-72.

Elizabeth Umbanhowar, Editor second edition *Streamkeeper's Field Guide* Adopt-A-Stream Foundation, Everett WA (1999)

## honors

**Employee of the Year** SR 520 Office Parametrix 2013

**WASLA Merit Award for Thesis** *Reel to Real: Film and Landscape, Image and Experience* (Spring 2008)

**National Honor Award in Community Service** *Safe Passage Entry Garden Guatemala* group design/build project (Spring 2007)

**ASLA National Student Honor Award** Faculty-nominated ASLA-juried public presentation (Spring 2007)

**WASLA Student Honor** *Safe Passage Entry Garden Guatemala* group design/build project (Spring 2007)

**Public Art Studio Design Competition** Second Place *Fold in Motion* University of Washington (Fall 2006)

**Richard Haag Scholarship** University of Washington (Spring 2006)

**Jay Bee Memorial Scholarship** University of Washington (Spring 2005)

**Terry Gerrard Clark Memorial Scholarship** University of Washington (Spring 2005)

**FLAS Fellowship** Indiana University, Czech language study and predissertation travel and research (1994-95)

## additional skills

**Sustainability Analysis** LEED (building construction) accredited, INVEST (highway) and Envision (infrastructure) assessment tools for public transportation and landscape design practice and preparing for Sustainable Sites accreditation.

**Mobility Planning and Public Involvement** Multimodal transportation design, visual communication, and presentations

**Design/Build** Small-scale site design, construction documents, carpentry, concrete work, paving, planting

- White Center Park Construction assistance for undergraduate capstone design project for ethnically diverse population centers in the region (2007)
- Experimental Education Unit Construction assistance on courtyard therapeutic play space for University of Washington-based learning environment for Seattle public schools children with learning disabilities (2006)
- Guatemala Safe Passage Entry Garden Site analysis, design, fabrication and construction (2006)

**Writing, Editing, Graphic Design, Public Speaking**

Technical and promotional writing, planning documents, public presentations and panel discussions

**Computer Skills** Photoshop, InDesign, Illustrator, Microstation, SketchUp, Microsoft Suite, GIS, Adobe Premier, Rhino (beginning)