

## INSTALLATIONS & COMMISSIONS

- 2020**, *Cultural Corridor – Urban Flow*, East Bay Bus Rapid Transit Line connecting downtown Oakland to San Leandro. The artists created a flow of imagery and poetry connecting the transit stops along the route with their neighborhoods. Mildred Howard and Johanna Poethig, Project Leads, Joyce Hsu and Peter Richards, project artists.
- 2019**, *Light, Time & Rainbows*, interwoven visual components celebrate the cultural life of Rainbow Community Center in Oakland, CA. Collaboration with Byrens Kim Design Works, and Pete Stephens
- 2015**, *La Viajera*, A 19'x6' viewing platform in the shape of a boat installed on a truncated redwood tree. Private commission, Oakland, CA with Henry Vargas
- 2015**, *Data*, Everett Community College, Everett, WA. A 210'X 1'-2" mural displaying a 52 year, day by day tidal data of the region, in juxtaposition with a human EKG trace and sea level rise. Collaboration with Sue Richards
- 2014**, *Water Shed*, San Jose, CA. A rain harvesting system which irrigates 8 mature transplanted olive trees – in juxtaposition with a household hazardous waste facility.
- 2013**, *Camera Obscura*, Exploratorium, San Francisco, CA. Located on Pier 15, it was designed to capture the panoramic views of the east bay and downtown San Francisco in real time, using 19<sup>th</sup> C. technology. Project Producer: with Cris Benton and Leger Wanaselja Architecture.
- 2012**, *Philosopher's Way*, McLaren Park, SF, CA. A 2.7-mile city park trail defined by markers, strategically located musing stations and benches. Collaboration with Susan Schwartzberg
- 2010**, *Commons*, Port Angeles, WA: Installation of GIS rendered cast aluminum facsimiles of the seven highest peaks in Olympic Nation Park – located on the student commons of Peninsula College. Collaboration with Sue Richards
- 2010**, *Blanche*, Seattle, WA: Permanent installation of a floating acoustic sculpture located on South Lake Union. Collaboration with Sue Richards
- 2008**, *La Sombra Danza*, Phoenix, AZ: a kinetic shade structure for Valley Metro Rail System
- 2006**, *Wave Wall*, LIGO, Livingston, LA: Permanent installation of 85' long by 25' high wind driven kinetic façade of a new education center run jointly by MIT and Caltech. Project producer with artists Shawn Lani, Charles Sowers, and HPD.
- 2004**, *Sky Sweeps*, Aberdeen, WA: Installation of three 85' kinetic oars (collaboration with Sue Richards)
- 2002**, *Wind Riders*, Washington State University, Tri Cities Campus, Richland, WA: Permanent installation of bicycle wind vanes (collaboration with Sue Richards)
- 1999**, *Arbor Vitae*, Coolbaugh Hall, Colorado School of Mines: Exterior/interior work employing branching patterns as a metaphor for learning (collaboration with Ted Prescott)
- 1998**, *Wind Ride*, Kunst in Der Landschaft IV, Güt Gastëil, Priggwitz, Austria: Installed a trio of bicycle wind vanes (collaboration with Sue Richards)
- 1997**, *Crapper Obscura*, Deep Creek School, Telluride, CO: Converted existing privy into a camera obscura.
- 1995**, *Clapotis (Lake Music)*, Le Bouveret, Switzerland: Installed a floating acoustic sculpture on Lake Geneva in conjunction with Le Project Léman Animations Chimériques, June – September (collaboration with Sue Richards)
- 1994**, *A Companion Place*, San Francisco General Hospital: A permanent addition to an existing comfort garden for hospital staff and AIDS patients, commissioned by S.F. Arts Commission.
- 1994**, *Le Pont Romain*, Vaison La Romaine, France: With students from Ecole D'Art Aix-En-Provence, created a temporary installation on a two-thousand-year-old Roman bridge
- 1991**, *Byxbee Park*, Palo Alto, CA: Developed master plan for 140-acre landfill park and completed a 45-acre portion (collaboration with Michael Oppenheimer and George Hargreaves & Associates)
- 1989**, *Percival Creek Bridge*, South Puget Sound Community College, Olympia, WA: A covered bridge done in collaboration with George Gonzales

- 1989, *The Spring*, Art Park, Lewiston, NY: Spring restoration and refuge for park visitors
- 1988, *Ice House*, Aughinbaugh Gallery, Messiah College, Grantham, PA: Temporary installation,
- 1987, *Reflections on Light*, Crandon Park Sculpture Garden: Temporary installation, March 16 - May 30, sponsored by Art-in-Public Places, Miami, FL (collaboration with George Gonzales)
- 1986, *Wave Organ*: The permanent installation of a wave activated acoustical sculpture in San Francisco Bay, sponsored by the Exploratorium (collaboration with George Gonzales)
- 1984, *Cascade Flume*, Mill Valley, CA: A flume reconnecting a 150-year-old sawmill to its original source of power, Cascade Creek. - temporary installation sponsored by InterArts of Marin
- 1984, *Land Lights*, a series of luminescent sculptures installed on the grounds of Nassau County Museum of Fine Arts, Roslyn, New York.
- 1981, *Sky Art*, Battery Park, NYC: a floating luminescent sculpture, sponsored by Creative Times, NY
- 1981, *Sky Art*, Baltimore Inner Harbor, a floating luminescent sculpture, sponsored by the City of Baltimore.
- 1978, *Sky Art*, a floating luminescent sculpture installed in SF Bay at Ft. Point. Sponsored by 80 Langton Street, SF collaboration with Vince Grippi
- 1977, *Floating Light Sculpture*, in conjunction with The Annual, San Francisco Art Institute, in collaboration with Vince Grippi

## EXHIBITIONS

- 2022, *Silicon Valley Sculpture*, Fine Art Fair, Menlo College, Menlo Park, CA
- 2020, *What Goes Around Comes Around*, Mercury 20 Gallery, Oakland, CA. Installation in collaboration with Mark McGowan and Johanna Poethig, Truth of Dare, group show.
- 2011, *Seattle As Collector: The Seattle Office of Arts& Cultural Affairs Turns 40*, Seattle Art Museum
- 2007, *herbert bayer earthworks*, a group exhibition celebrating the 25<sup>th</sup> anniversary of his earthworks.
- 2007, *Homage to a Mentor*, honoring Salvatore Scarpitta, Maryland Institute College of Art, Baltimore, MD
- 2006, *Breeching Boundaries: An interdisciplinary Approach*, Aughinbaugh Gallery, Messiah College, Grantham, PA
- 2004, *Art Seattle Urban Parks Art*, an overview of artwork being done in Seattle's park system, City Space Gallery, Seattle, WA
- 2003, *Water In A New Way*, an exhibition exploring water use and environmental impact SomArts San Francisco, CA
- 2001, *RE-TIRE*, an exhibition addressing issues of tire recycling, The Gallery at Carillon, Charlotte, NC
- 2000, *Trouble Shooting Gun Violence*, a community exhibition of works examining gun violence during NRA's annual meeting, Charlotte, NC
- 1999, *Drip, Blow, Burn: Forces of Nature in Contemporary Art*, The Hudson River Museum, Yonkers, NY
- 1996, *Wind Works*, an exhibition of wind-related artwork, Davis Art Center, Davis, CA (temporary installation with M. Oppenheimer)
- 1995, *Facing Eden: 100 Years of Landscape Art in the Bay Area*, The Fine Arts Museums of San Francisco
- 1994, *Old Glory, New Story: Flagging of the 21st Century*, Capp Street Project, San Francisco, CA
- 1994, *Color in the Shadows: Bay Area Cyberart*, California College of Arts, Oakland, CA
- 1991, *Byxbee Landfill Park*, Palo Alto, CA. Developed Park master plan and realized a series of environmental works in collaboration with George Hargreaves & Assoc. and Michael Oppenheimer.
- 1987, *Twenty Summers Past*, Colorado Springs Fine Arts Center, Colorado Springs, CO
- 1985, *Valentines Group Show*, San Francisco Art Institute, CA
- 1984, *All Ears*, Civic Arts Gallery, Walnut Creek, CA
- 1983, *Audio Eyes*, Artspace, Sunny Hills, Australia

## PERFORMANCE

- 1986, *Marking Time*, National Oceanographic Institute, Goa, India  
1984, *Time X Candlelight*, Oregon Museum of Science and Industry, Portland Oregon  
1980, *Time X Candlelight*, 80 Langton Street, San Francisco

## EXPERIENCE

- 2014 Lecture, "Following One's Nose – An investigative journey", San Jose State University  
2011 – Senior Artist Emeritus, Exploratorium  
2010 – Research Fellow, Mediterranean Institute for Advanced Research, Marseille  
2007 – 2008 Principal Investigator – NSF funded Outdoor Exploratorium Project  
2007 Adjunct Professor, Stanford University  
2006 Visiting Artist, Messiah College, Grantham, PA  
2002 – 2011 Exploratorium, Senior Artist  
2001 Co-organizer – "The Future of Creativity – what role will artists, thinkers, and visionary citizens play in building the communities of the future?" Sponsored by the Alliance of Artists Communities, hosted by The School of the Art Institute of Chicago  
1998 – 2001 McColl Center for Visual Art, Creative Director, Charlotte, NC  
1998 Visiting Artist, Museum of Fine Arts, Boston, MA  
1997 – 2004 Board of Trustees, Alliance of Artists Communities, past chair  
1988 – 1998 Board of Trustees, Public Art Works, San Rafael, CA, past chair  
1997 Speaker, "Waterworks", symposium, Harvard University, co-sponsored by the Cambridge Arts Council  
1996 Design Team Artist, Joint Center for Higher Education, Spokane, WA  
1996 Co-organizer and co-host, "American Creativity at Risk", symposium at Brown University, sponsored by The Alliance of Artists Communities.  
1996 Moderator, "Whose Idea Is It, anyway?", Association of Science and Technology Center's annual meeting, Pittsburgh, Pennsylvania  
1996 Speaker, ART-Science-ATR, International Symposium of Art and Science, Advanced Telecommunications Research Institute International, Kyoto, Japan  
1996 – 2005, Adjunct Professor, San Francisco Art Institute  
1996 Research Fellow, STUDIO for Creative Inquiry, College of Fine Arts, CMU  
1995 – 2000 AMD&ART – a multidisciplinary group exploring remediation tactics for acid mine drainage  
1995 LEZART Conference, Ecole Professionnelle Des Arts Contemporains, Sion, Switzerland  
1997 – 1998 Visiting Artist, Deep Creek School, Telluride, CO, in conjunction with ASU, Tempe  
1994 – 1995 Lecturer and Visiting Artist, Ecole d'Art, Aix-En-Provence, France  
1994 Visiting Artist, San Francisco State University  
1994 Symposium Co-organizer "Rising Above Our Garbage" with Meirle Ukeles, artist, Pallas Lombardi, Director, Cambridge Arts Council, included Bert Kubli, NEA Program Officer, Robin Sotir Associates, John Ruston, Environmental Defense Fund  
1993 Lecture/presentation with Laurie Lundquist for the Phoenix Art Commission Lecture Series.  
1992 Visiting Artist, University of Victoria – British Columbia, Canada  
1991 Art Plan for the Embarcadero, SF. With Tim Collins, Laura Farabough, and Michael Oppenheimer -developed an art plan for state property managed by California State Department of Transportation along the San Francisco waterfront  
1991 Visiting Artist, Ecole D'Art, Aix-En-Provence

- 1990 Panel, “Passing the Torch: The Impact on Museums of Changing Directors,” American Association of Museums Annual Meeting
- 1990 Presenter, ART TRANSITION '90, MIT, Center for Advanced Visual Studies
- 1990 Presentation, “Weather and Water”, with Harold Gilliam, Headlands Center for the Arts
- 1986 Participant – workshop “Design and Construction of Outdoor Science Parks, St. Louis, Missouri, sponsored by Indo-U.S. Sub commission.
- 1986 Moderator, “High Media and Interactivity, Virtual Environment and Electronics Agents”, AAM Conference, San Francisco
- 1986 Participant – “Creative Endeavors with Exhibits and Programs”, a traveling workshop exploring the creation of out- door science parks at various science museums in India.
- 1984 Presenter “interaction: Art and Science,” and “Creating Art in a Science Museum, Oregon Museum of Science and Industry
- 1984 – 1985 Artist Committee, San Francisco Art Institute
- 1983 Keynote speaker for symposium “Experiments, Exploration & Discovery – The Common Denominator Between the Sciences and the Arts”, sponsored by the Oregon Arts Commission
- 1983 Panelist – “Artful Technology”, Western Museums Conference, Seattle, Washington
- 1983 – 1989 Editorial Board, Leonardo, International Journal of Contemporary Visual Artists
- 1982 Conducted workshop, “*Synergistic Consequences of Interdisciplinary Collaboration*” Participants included Frank Oppenheimer, founder of the Exploratorium, Robert Wilson, founder of Fermi National Accelerator Laboratory, and Lawrence Halprin Landscape Architect
- 1980 – 1981 Board of Directors, 80 Langton Street, San Francisco, CA

## AWARDS

- 2015, Americans for the Arts, Public Art Network, Year In Review Award -for *Water Shed*, a permanent installation at the Environmental Innovation Center, San Jose
- 2007, Penny Stamps Lecture Series, University of Michigan
- 1993, Honor Award, American Society for Landscape Architecture, Byxbee Landfill Park
- 1994, Outstanding Achievement, US Conference of Mayors, Byxbee Landfill Park
- 1988, Artist Fellowship, California Arts Council
- 1988, Eureka Fellowship, Fleishhacker Foundation, San Francisco
- 1980, NEA, Art in Public Places Planning Grant
- 1970, Purchase Award, Tenth Annual St. Jude Competition, Santa Clara University, CA
- 1969, Rinehart Prize, Rinehart School of Sculpture, Maryland Institute College of Art
- 1967, Full Fellowship, Rinehart School of Sculpture, Maryland Institute College of Art

## PATENTS

- 1975, Backpack and Frame #3,860,157

## EDUCATION

- 1969, Rinehart School of Sculpture, Baltimore, MD; MFA, with honors
- 1966, Colorado College, Colorado Springs, CO; BA, Art, 1966