***MARY BATES NEUBAUER***

***Professor, Sculpture***

***Herberger Institute for Design and the Arts***

***Box 87-1505, Arizona State University, Tempe, AZ 85287-1505***

***PH 480-965-7047 FAX 480-965-8338***

***PH 480-251-7439 FAX 480-821-8218***

*mary.neubauer@asu.edu*[*http://www.sculpture-digital.net*](http://www.sculpture-digital.net)

***EDUCATION***

M.F.A. Indiana University, Ford Fellow, Bloomington, Indiana—1981

B.F.A. Colorado State University, Fort Collins, Colorado—1973

***EMPLOYMENT***

1996-present **Arizona State University,** Tempe, AZ, Professor- Sculpture, Area Coordinator Sculpture, 2006-12, 2014-present

1994-5 **Anglia Polytechnic University, (now Anglia-Ruskin University)** Cambridge, England, Fulbright Fellow

1982-96 **Sonoma State University,** Rohnert Park,CA, Professor, Sculpture, Dept. Chair 1986-9

1981-2 **The Johnson Atelier Technical Institute for Sculpture,** Princeton, NJ, Dept. Head

***COMMISSIONS, INSTALLATIONS, & PLACEMENTS***

2015 **Flotilla,** Balance-Unbalance, Arizona State University, Tempe, AZ

 **Weather Room**, Interactive Window Display, Temporary Installation, City of Glendale Arts Commission INFLUX project, Glendale, AZ

2014 **Liminal Fields,** The Ice House, Phoenix, AZ

2013 **Urban Flock,** Balance Unbalance: Noosa Queensland University and Noosa Regional Gallery, Queensland, Australia, with Todd Ingalls

 **Shemer Art Center and Museum,** *Verta, Double Vessel,* Phoenix, AZ , Long-term loan

2012 **Monsoon Nights**, In-Flux Tempe Scottsdale Public Art , Interactive Window Display, $7,000 Temporary Installation, with T. Ingalls, Tempe, AZ

 **Shemer Art Center and Museum,** Double Vessel, Verta, The Animal Kingdom, Phoenix, AZ , Sculpture Garden

2011-12 **Sensory Meadow,** Digital Culture Concourse, $8,000 Temporary Installation, ongoing Stauffer Bldg, Arizona State University, with T. Ingalls, Tempe, AZ

2010 **Photo-Luminescent Sound Garden,** Civic Center Bell Tower, with Todd Ingalls, $7,500, Temporary Installation, 9 months, Scottsdale, AZ

2009-10 **Desert Silhouettes-Dove Valley Park**- Sculptural Enhancements & Benches, $80,000 public art commission, Phoenix Office of Arts and Culture Phoenix, AZ

2008 **Solaris,** Norwegian Cruise Lines, $3,000 commission of digital prints series of solar data

 **Qwest Communications,** Telecommunications Data, $1,200, Denver, CO

2007 **Memory of Water Portable Works Collection,** $2,400 Salt River Flow- print, Phoenix Office of Arts and Culture, Phoenix, AZ

 **Shemer Art Center and Museum,** Red Durham, Vox, Phoenix, AZ , Long-term loan

2006 **Global Streams,** Set of digital lambda prints, $28,000 *Texas State Bank System*, TX

 **Sonophon/ Sounder,** 2 bronze sculptures, *Southern Autism Research Center,* Phoenix, AZ-long term loan

2005 **The Digital Shoreline,** Five large temporary sculptural installations,$6,000 *Arizona State University and the City of Tempe Arts Commission*, Tempe, AZ

2004 **Phoenix Sky Harbor International Airport Desert Sculpture Garden**, $25,000, Two cast bronze sculptures *International Terminal 4,* Phoenix, AZ

 **The Digital Shoreline,** Temporary outdoor artwork,$4,000 , *ASU Music Building*, City of Tempe Arts Commission and Arizona State University, Tempe, AZ

 **Heliopolis**, Phoenix Office of Arts and Culture**,** Temporary Project, $4,000 *Herberger ` Theater,* Phoenix, AZ\*

 **Tangerine Road,** Sculptural enhancement, 2mi. roadway, view Screens, box, culverts, retaining walls, pedestrian seating ,$87,000, design team with M. Geoffrion, *Oro Valley Arts Council,* Oro Valley, AZ

 **Large Scale Sculpture,** *Spanish Village Sculpture Garden,* temporary installation: 6 large- scale sculptures, Carefree, AZ

2003 **Shemer Art Center and Museum,** *Northern Light*, Long term loan, Phoenix, AZ

2001 **River Road: An Environmental and Cultural Flow,** La Cholla Blvd. to Thornydale Road: Sculptural enhancement, bridge, intersection, sound walls, $124,000 design team with M. Geoffrion, Tucson-Pima Arts Council, Tucson, AZ

2000-1 **The Weight of Clouds, Great Western, You Saved Me, Blue Sorghum,**  large scale sculptures, $55,000, Private outdoor sculpture collections

1992 **Britomart** **& Triangulum,** bronze, $30,000 *Barclay Simpson Residence*, Lafayette, CA

1990 **Trigon,** 18" stainless steel site-specific sculpture, $16,000 *Visual Arts Council,* City of Loveland, CO

 **Earth Vortex,** Temporary site-specific sculpture, *Brown Bag Farms,* Marin County, CA

1987 **Incendiary Totem,**$6,000 *Di Rosa Sculpture Garden,* Napa, CA

***EXHIBITIONS \* Work appears in catalog***

***MUSEUMS***

2014 **Rock Stars- Robotic Sculpture in Tuscan Stone**, MUSA, Museo Virtuale della Sculptural e dell'Architettura, Pietrasanta, Italy, Travel to Fortezza di Garfagnana, Lucca, Italy, Museo Archeologico Nazionale, Florence Italy

 **Savienošanās Coalescence,** Talsi Regional Museum, Talsi, Latvia

 **Materialize**, Shemer Art Center and Museum, Phoenix, AZ

2013 **Hand, Eye, Mind: Sensory Models for Holistic Learning,** Experimental Gallery, India Habitat Centre, New Delhi, India

 **Ars Mathematica,** 2013, France

2012 **The Shape of Things**, Tucson Museum of Art, Works from the Permanent Collection

 **Iron Organism,** Burchfield Penney Art Center, Buffalo New York\*

 **Sculpture Numerique**, Journées Européennes du Patrimoine, Musée de La Princerie Verdun, Meuse, Lorraine, France

 **Tall to Small;** Tempe History Museum, Tempe, AZ

 **Building a Collection,** *Phoenix Art Museum* (Contemporary Forum), also11, 10, 09, 05, 03, Phoenix, AZ \*

2011 **Twenty Questions; Animal, Vegetable, or Mineral?,** Installation of 20 large-scale prints, *Tempe Center for the Arts*, Tempe, AZ

 **ASCI Digital 10: The Planet Earth,** *New York Hall of Science,* Queens, NY, 2010, 2011 publication in Leonardo Electronic Almanac

**Some Like it Hot,** *Tempe History Museum*, Tempe, AZ

2010 **Small Sculpture Exhibition,** *Kidwelly Industrial Museum*, Carmarthenshire, Wales

 **Ars Mathematica 2010, Rapid Prototyping Exhibition,** Carrefour Numerique (Cyberbase Cité des Sciences et de l'Industrie, Paris, France

2009 **Intersculpt 2009** Digital Art Exhibition, *Metz-Pompidou*, Metz, France\*

 **Digital 09:** Mysteries in Science, *New York Hall of Science*, Queens, NY-traveling

 **Faculty Exhibition,** *Arizona State University Art Museum***,** since 1996,Tempe, AZ

2008-9 **E-form** **Rapid Prototyping Exhibition**, *Beijing Today Art Museum*, travel: *Shanghai Duolun Museum* of *Modern Art*, *Jinse Gallery*, Chonqing, China \*

2006 **MetroPlexity,** *Shemer Art Center and Museum*, Phoenix, AZ- *One-person*

 **Air-Conditioned,** *Shemer Art Center and Museum*, Phoenix, AZ

2005 **Solar Streams,** *The Dick Institute*, Ayreshire, Scotland- *One-person*

 **The Politics of Water,** *Northern Arizona University Art Museum*, Flagstaff, AZ

2003  **Arizona Biennial,** *Tucson Museum of Art*, Award, Tucson AZ\*

 **ANA 32,** *Holter Museum of Art*, Helena, MT

 **TeleSculpture,** *San Francisco Exploratorium*, San Francisco, CA

 **Outdoor Sculpture Walk***, Shemer Museum and Art Center, Phoenix, AZ*

2001 **Master of Graphic Arts Biennial,** *Varosi Nuvesleti Museum,* Gyor, Hungary\* *permanent collection*

  **Iron Maidens,** *Tucson Museum of Art,* Tucson, *AZ*- *Three person\**

2000 **Discovery of a New Element: Mi (millennium),** *Shemer Art Center and Museum, Phoenix, AZ*

1999 **Arizona Biennial ’99,** *Tucson Museum of Art,* Tucson, AZ

1998 **Sense and Sensuality,***Museum of Downtown Los Angeles,*Los Angeles, CA

 **Ferris Opus,** *Grounds for Sculpture,* The Johnson Atelier, Mercerville, NJ

1995 **California: In Three Dimensions,** *California Center for the Arts,* Escondido, CA\*

1994 **The Aesthetics of Athletics,** *Charles Wustum Museum*,Racine, WI\*

 **Opening Exhibition,** *University of Wyoming Art Museum,* Laramie, WY

1993 **Icons: The Ineffable Object,** *California Crafts Museum ,* San Francisco, CA

 **Just Plane Screwy,** *Charles A. Wustum Museum*, Racine, WI

 **Crocker Kingsley Annual,** *Crocker Art Museum,* Sacramento, CA, also 1992

1992 **ANA 21,** *Holter Museum of Art,* Helena, MT

1991 **An Archaeology of the Mind,** *Loveland Museum and Gallery* , Loveland, CO -O*ne-person*

1990 **Implements and Archetypes,** *California Museum of Art,* Santa Rosa, CA- *One-person*

1988 **Construction and Assembly,** *California Museum of Art,* Santa Rosa, CA

1986 **Bronze Sculpture,** *Coos Bay Art Museum,* Coos Bay, OR- *One-person*

 **An Artist Selects,** *University of North Dakota Art Museum,*Grand Forks, ND

1984 **All California,** *Laguna Beach Museum of Art,* Laguna Beach, CA

1983 **Pacific Regional,** *Old Cabrillo Beach Museum*, Los Angeles, CA

1982 **Ellarslie Open,** *Trenton City Museum*, Trenton, NJ

1976 **SPREE '76**, *Denver Museum of Natural History*, Denver, CO

***GALLERIES***

2014 **WCA Best of 2014,** *ARC Gallery,* Chicago, IL

 **Momentum: Women/Art/Technology**, The Night Gallery, Tempe, AZ

 **Three Dimensional**, Tempe Youth Library, Tempe Community Gallery Series, Tempe, AZ

 **John Michael Kohler Arts Industry Reunion and Exhibition ,** JMK Arts Center, Sheboygan WI

 **Digital Magic,** B.J. Spoke Gallery, Huntington, NY

 **Le French May Festival,** Hong Kong, China

2013 **Summoned,** Kspace Contemporary, Corpus Christi, Texas

2012 **Spark 3DS, Digital Art Making/ An Art Economy+ A New Economy**, in partnership with Northern Spark /Nuit Blanche, *Gallery 13*, Minneapolis, MN

 **Chubasco (Monsoon)!** &**Tesoros** Pequeños (Small Treasures) *Raices Taller Gallery*,

 Tucson, AZ

 **Film & New Media Festival**, Los Angeles Center for Digital Art, Los Angeles, CA

 **Red,** Etherton Gallery, Tucson, AZ

2011 **Ars Mathematica/Intersculpt 2011**, Gallerie Les Boulistes, Paris, France

 **New and Improved III,** *L.A. Center for Digital Art*, Los Angeles, CA

 **Mujeres, Mujeres** & **Chubasco (Monsoon)!** *Raices Taller Gallery*, Tucson AZ

2010 **Pour 2010,** through 2011, *Fire & Iron Gallery*, Rowhurst Forge, Leatherhead, Surrey, UK

 **Digital Technology**, *Tomorrow Art Gallery*, Beijing, China\*

 **2010 Digital Art LA. Int’l Expo; Concatenation,** *L.A. Center for Digital Art*, Los Angeles, CA

 **Chubasco (Monsoon)!,** **Espacios Nuevos,** *Raices Taller Gallery*, Tucson AZ

2009 **Chubasco! (Monsoon),** *Raices Taller Gallery*, Tucson AZ

 **New and Improved II,** *Los Angeles Center for Digital Art*, Los Angeles, CA

2008 **Western Iron**, *Demiurge Gallery*, Denver, CO

2007 **Mary Bates Neubauer, New Work**, *Los Angeles Center for Digital Art*, Los Angeles, CA- *One-person*

 **Three 2D/Three3D,** *William Havu Gallery*, Denver, CO- *Small group*

 **Connectivity**, *Los Angeles Center for Digital Art*, Los Angeles, CA

 **iBrow,** *Los Angeles Center for Digital Art*, Los Angeles, CA

2006 **Gallery Artists,** *Bentley Projects*, Phoenix, AZ\*

 **Opening Exhibition,** *Bentley Projects*, Phoenix, AZ

2005 **Global Streams,** *Bentley Projects*, Phoenix, AZ *- One-person*

 **Global Streams,** *Bentley Gallery*, Scottsdale, AZ *-Three-person*

 **Three Dimensions,** *William Havu Gallery*, Denver, CO- *Three-person*

 **Grand Opening,** *Bentley Projects*, Phoenix, AZ

2004 **Inaugural Exhibition,** *Bentley Projects*, Phoenix, AZ

 **Gallery Artists,** *Bentley Projects*, Phoenix, AZ

2003 **Digital Prints,** *Bentley Gallery*, Scottsdale, AZ- *One-person*

**Documentation,** *Woman Made Gallery*, Chicago, IL

 **Fall Salon,** *Limner Gallery,* New York, NY

 **Beginnings,** *Bentley Gallery*, Scottsdale, AZ

2002 **Digital prints and Sculpture,** *Bentley Gallery*, Scottsdale, AZ- *One-person*

 **Founder’s Exhibition,** *Grounds for Sculpture,*Mercerville, NJ

2001 **Recent Sculpture,** *Bentley Gallery,* Scottsdale, AZ- *One-person*

2000 **Western Regional Women Artists,** *Marshall Arts Gallery,* Scottsdale, AZ

 **Three Person Exhibition,** *Bentley Gallery,* Scottsdale, AZ

1999 **Modern Life is Rubbish,** *Barlow and Straker Gallery*, Phoenix, AZ

1998 **On the Small Side,** *Sherry Frumkin Gallery,*Santa Monica, CA

 **Small Works Exhibition,** *Chuck Levitan Gallery,* New York, NY

1995 **Mary Bates-Sculpture,** *Michael Dunev Gallery*, San Francisco, CA -O*ne-person*

1994 **Point and Counterpoint,** *Art Concepts Gallery,* Walnut Creek, CA

1993 **Installation,** *Barclay Simpson Fine Arts,* Lafayette, CA - *One-person*

 **Director’s Choice,** *Michael Dunev Gallery,* San Francisco, CA

 **Group Exhibition,** *14 Sculptor’s Gallery,* New York, NY

 **Group Exhibition,** *Kyle Belding Gallery, Denver*

 **Reminiscing: A Show of Sculpture,** *Charlotte Jackson Fine Arts,* Santa Fe, NM

 **15th Anniversary Exhibition,** *San Francisco Museum of Modern Art Rental Gallery*, CA

 **Holiday Group Exhibition,** *Shidoni Contemporary Gallery*, Tesuque, NM

 **Gallery Artists,** *Shidoni Contemporary Gallery*, Tesuque, NM

1991 **The Implement Series,** *Barclay Simpson Fine Arts,*Lafayette, CA - *One-person*

 **L.A. Lately,**  *Kyle Belding Gallery,* Denver, CO

1990 **Holiday Group Show,** *Barclay Simpson Fine Arts*, Lafayette, CA

1989 **Specific Pacific,** *Tom Balbo Gallery,* Cleveland, OH - *Two-person*

 **International Conference on Sculpture,** *R.H.A. Gallery,* Dublin, Ireland

 **10th Anniversary Exhibition,** *MOMA Rental Gallery*, San Francisco, CA

1987 **Five Sculptors of the San Francisco North Bay,** *Schurbert Gallery,* Albany, OR

 **Fabricated Sculpture,** MOMA *Rental Gallery,*San Francisco, CA- *One-person*

 **Entities,** *Zenitram Gallery,* Santa Rosa, CA - *One-person*

1986 **Exhibition of Sculpture,** *Djurovitch Gallery,* Sacramento, CA, 1986 - *Two-person*

1985 **Sculpture Exhibition,** *SF Women Artists' Gallery*, San Francisco, CA- One-person

 **Of Earth and Essence,** *A.R.T./Beasley Gallery*San Diego, CA- *Two-person*

 **International Humor in Art Exhibition,** *A.R.T./Beasley**Gallery* San Diego, CA

***UNIVERSITY and COLLEGE GALLERIES***

2015 **Rock Stars- Robotic Sculpture in Tuscan Stone**, William Paterson University, Wayne, NJ

 **Momentum: Women/Art/Technology**, Rutgers University, New Brunswick, NJ

 **3D Printing and the Arts: What Things May Come**, International Digital Sculpture Exhibition 39th Annual Brown Scholars Symposium & Ars Mathematica of Paris, France, Sarofim School of Art, Southwestern University, Georgetown TX

2014 **48th Annual Drawing and Small Sculpture Show**, Joseph A. Cain Memorial Gallery, Del Mar College, East Campus, Corpus Christi, TX

 **Momentum: Women/Art/Technology**, The Night Gallery, Tempe, AZ

 **Half the Sky: Intersections in Social Practice Art**, LuXun Academy, Shenyang, China

 **Western Cast Iron Art Conference National Juried Exhibition**, Visual Arts Lobby, University of Wyoming, Laramie, WY

 **25th Annual International Solid FreeForm Fabrication Symposium**, Etter-Harbin Alumni Center, University of Texas, Austin, TX

2013 **Momentum: Women/Art/Technology**, X-Fest, Paradise Valley Community College

 **Arcadia,** 3 Person, Night Gallery, Tempe Marketplace, Arizona State University, Tempe AZ

 **Urban Flock**, Balance-UnBalance, Noosa Queensland University, Queensland, Australia

 **Iron Tribe Exhibition,** Art Gallery, New Mexico Highlands University, Las Vegas, NM

2012 **Western Cast Iron Art Conference National Juried Exhibition**, Moss Thorns Gallery of Art, Ft. Hayes State University, Hays, KS

 **Full Circle: The Art of Materials, Research and Creation in Rapid Prototyping, Manchester Institute for Research and Innovation in Art and Design (MIRIAD), UK**

 **EMERGE Festival,** Digital Culture Walkway, Arizona State University, Tempe, AZ

 **Crossing the Line: Drawings by Sculptors,** Czurles Nelson Gallery, Buffalo State College, Buffalo, NY

 **Generation XYZ: The Past, Present, and Future of Digital Sculpture**, Night Gallery, Tempe Marketplace, Tempe, AZ

2011 **Full Circle: The Art of Materials, Research and Creation in Rapid Prototyping,** Sarofim Gallery, Southwestern University, Georgetown, TX, in conjunction with **Intersculpt 2011**, Paris, France

 **Surfacing,** Surface printing on textiles, Memorial Union, Arizona State University, Tempe, AZ

 **Fish, Tool,** & **Blind Jury**, The Night Gallery, ASU Tempe Marketplace, Tempe, AZ

2010 **Rapid Premonitions,** *ArtSpace Gallery*, Fresno City College, Fresno, CA

2009 **Geophysica**, *Kimura Gallery*, University of Alaska, Anchorage, AK-*One-person*

 **Solar Streams,** *Gammage Auditorium*, Arizona State University, Tempe, AZ *One-person*

 **Fire in the Night,** *The Night Gallery*, Tempe Marketplace, Tempe, AZ

 **The Iron Tribe** *New Mexico Highlands University*, Las Vegas, NM, also 05, 07\*

 **Faculty Exhibition,** *Arizona State University Art Museum*, Tempe, AZ *(1996-present)*

 **Western Iron,** Traveling Exhibition, by invitation, *Univ. Galleries* Western States

 **Climate Clock Proposals** 2nd Biennial 01SJ Global Festival of Art on the Edge,

*Davidson College of Engineering*, San Jose State University, San Jose, CA

 **Art from the Heart**, Sonoma State University Art Gallery Annual Auction, Since 1988

2007 **Global Streams,** *Art Space Gallery*, Fresno City College, Fresno, CA- *One-person*

 **Intersculpt 2007,** Ecole *Superieure d’Art et Metiers*, Paris France\*

 **41st International Drawing and Small Sculpture Show,** Del Mar College, Corpus Christi, TX\*

2006 **International Rapid Prototyping Exhibition,** (Travel, int’l venues from 03) *Kemper Room Art Gallery*, *Paul V. Galvin Library*, *Illinois Institute of Technology,* Chicago, IL, *Mueller and Ellis Galleries*, CSU, San Bernardino, *Southwestern Univ. Art Gallery*, Georgetown, TX; orig. *Sarofim Gallery*, Southwestern Univ., TX\*

 **FAT-Fusion of Art and Technology,** *Conley Gallery*, California State University, Fresno

2005 **Intelligent Distribution: 10 Artists Respond to Technology,** *Art Gallery*, Sonoma State University, Rohnert Park, CA

 **Fe, Exhibit 2005,** *Grove Gallery*, San Diego State University, CA

2004 **Solar Streams,** *Court Gallery*, Edinburgh College of Art, Edinburgh, Scotland- *One-person*

 **Inside Information,** *Computing Commons Gallery*, Arizona State University, Tempe, AZ- *Two-person*

 **Hot Topics,** *University of Nebraska*, Kearney, NB

 **West by Southwest,** *New Mexico Highlands University*, NM

2002 **Hermann Iron Pour Exhibition,** *HIP Gallery*, University of MN, Morris, MN

 **The Iron Tribe Exhibition II,** *New Mexico Highlands University*, Las Vegas, NM

2001 **Iron Tribe Exhibition,** *Art Gallery, New Mexico Highlands University*, Las Vegas, NM

2000 **Distant Histories,** *Stevenson Union Gallery*, Southern Oregon Univ., Ashland, OR- *Two-person*

1999 **TeleSculpture,** *Matthews Center,* Arizona State University, Tempe, AZ

 **Digital Media Prints and Multiples,** *ASU Computing Commons Gallery,* Tempe, AZ

 **A Small Irony,** *Art Gallery,* University of Minnesota, Minneapolis, MN

1998 **Taxonomies,** *Memorial Union Gallery,* Univ. of Arizona, Tucson, AZ*- One-person*

 **Taxonomies,** *Kimura Gallery,* University of Alaska, Anchorage, AK*-Two-person*

 **Visions and Voices,** *Valencia Community College Gallery,* Valencia, FL

 **Images and Objects,** *Computing Commons Gallery*, Arizona State University Tempe, AZ

1997 **Sculpture,** *McHenry County College Art Gallery*, Crystal Lake, IL- *One-person*

 **Specimens/Artifacts,** *Harry Wood Gallery,* ASU, Tempe, AZ- *One-person*

 **Sixth Int’l Shoebox Exhibition,** *University of Hawaii Art Gallery,* Honolulu, HI *traveling*\*

1996 **Within & Without**-**The Intimate Moment,** *Muskingum College,* New Concord, OH

 **CSU Celebrates Fulbright,** *University Art Gallery,* CSU Long Beach, CA\*

1994 **Implements and Vessels,** *Eastern Washington University,* Spokane, WA- *One-person*

 **Implement Series,** *Corvallis Art Center,* Corvallis, OR-*Three-person*

 **Out of the Fire**: **Contemporary Cast Iron,** *School of the Art Institute of Chicago,* IL

 **Studio Faculty Exhibition,** *SSU Art Gallery,* Rohnert Park, CA *(also 91, 89, 87\*, 85, 83)*

 **Ferrously Yours: Contemporary Cast Iron Art,** *University of Alabama,* Birmingham, AL

 **Positive/ Negative,** *East Tennessee State University,* Johnson City, TN *perm. Collection*

 **Iron at Ramapo,** *School of Contemporary Arts,* Mahwah, NJ

1993 **Cire Perdue,** *Exhibition of Cast Bronze Sculpture,* Chemeketa Community College, Salem, OR

 **Hearts and Flowers**, *Art Gallery,* Skyline Community College, San Francisco, CA

1991 **Casting Sheet Exhibition,** *Southern Illinois University*, traveling, Carbondale, IL

 **The Fourth Int’l Shoebox Exhibition,** *University of Hawaii Art Gallery*, Honolulu, HI

1990 **Small Works,** *Chemeketa Community College,* Salem, OR - *One-person*

 **Still Lives: The Evocative Object,** *Distinguished Artists Forum*, CSU Hayward, CA

 **Room for Art,** *Euphrat Gallery,* DeAnza College, Cupertino CA

 **Small Scale Sculpture,** *Tangemann Gallery,* University of Cincinnati, OH, *traveling* \*

1986 **The Metaphysics of Materiality,** *Manville Gallery*, University of Nevada, Reno, NV- *One-person*

1985 **O.K.–U.S.A. National Sculpture Exhibition,** *Cameron University*, Lawton, OK

1984 **Small Sculpture National,** *Central Michigan University Art Gallery*, *traveling* \*

 **WCA National,** *Lehigh College,* Bethlehem, PA \*

1982 **Bronze–Exhibition of Sculpture,** *Ben Shahn Gallery*, William Paterson College, Wayne, NJ

 **Traveling Exhibition,** *Shippensburg State College,* Shippensburg, PA

 **The Figure, the Landscape, the Still-life,** *Brookdale Community College*, Lyncroft, NJ

1981 **Drawing and Sculpture,** *McCalla Gallery*, Indiana University, Bloomington, IN- *One- person*

 **Women's Work II,** *Arbutus Gallery*, Indiana University, Bloomington, IN \*

1979 **Exchange Exhibition,** *University of Notre Dame*, South Bend, IN

 **Women's Work,** *Arbutus Gallery,* Indiana University, Bloomington, IN

1977 **Small Sculpture,** *Ft. Hays State College,* Hays, KS- *One-person*

 **Smoky Hills Annual,** *Fort Hays State College*, Hays, KS

***ART CENTERS and ALTERNATIVE VENUES***

2014 **Full Bloom,** Terminal Four Level 3 Phoenix Sky Harbor Airport, Phoenix, AZ

**Equilibrium,** WCA2014 catalogue and on-line PDF exhibition

 **Uguns Zīmēdams: Drawing Fire,** Sabile Synagogue Contemporary Art and Heritage Space, Sabile, Latvia

 **Equilibrium,** WCA2014 catalogue and on-line PDF exhibition

 **Pip Squeak- Small Works, Big Vision**, Northbrook Public Library, Northbrook, IL

 **Copper,** Tempe Center for the Arts Gallery, Tempe, AZ

2013 **Urban Flock**, Balance-UnBalance, Noosa Regional Gallery, Queensland, Australia

 **International Cast Iron Art,** Serde Residency, Aizpute, Latvia

2012 **Something in the Details,** Connections Cafe, Tempe Public Library, Tempe Public Arts, Tempe, AZ

 **Plight of the Pollinators,** *Field Project Exhibition Space-Blue Horse Arts*, Watertown, CT

 **Beyond Landscape,** *WEAD (Women Environmental Artists Directory) Ecological Maintenance Art, Marin Community Foundation*, Novato, CA

 **10x10x10xTieton**, Tieton Arts and Humanities, Tieton, WA

 **Timeless Meditations: Mandalas and Patterns in Nature**, Tubac Center for the Arts, Tubac, AZ

 **A Penny for Your Thoughts,** Tempe Post Office, City of Tempe Cultural Services, Tempe, AZ

2011 **Open Studios** & **Annual Art Auction** (since 2002) *Anderson Ranch Arts Center*, Snowmass, CO

 **ASCI Digital 10: The Planet Earth,** 2011 publication in *Leonardo Electronic Almanac;*  travel to *The Fringe Festival*, Adelaide, Australia

 **Mailin' It In**, Chicago Street Gallery; Art Cube Studio, Chicago, IL

 **Art with the Phoenix Downtown Chamber Symphony**, The Icehouse, Phoenix, AZ

 **John Michael Kohler Center for the Arts,** *Annual Auction*, Sheboygan, WI, also 05, 07, 09

2010**Global Streams,** *Intel Ocotillo 8 Plant*, Chandler, AZ

 **Anderson Ranch Arts Center,** *Annual Art Auction*, Snowmass, CO\* (since 2002)

 **Studio Exhibition**, Vermont Studio Center, Johnson Vermont

2009-10 **Global Streams,** Intel Exhibitions Program, Ocotillo 8 Plant, Chandler, AZ- *One-person*

2009 **Encounters with the Muse**, *Edna Vihel Center for the Arts*, Tempe, AZ

 **Unpolished,** *The Chocolate Factory*, Grand Avenue, Phoenix, AZ

 **Steampunk,** *First Avenue Gallery*, Phoenix, AZ

 **National Sculpture Invitational,** Jacoby Arts Center, Alton, IL

2008 **The Cambridge Suite,** Art in Civic Spaces Program, City Hall, Goodyear, AZ *One-person*

 **photo l.a.** *Barker Hangar*, 3D Data Stream prints Santa Monica, CA

2007 **Bling!** *Window Galleries*, City of Tempe, AZ, Downtown Post Office- *One-person*

 **Water Lust**, *City of Tempe Public Library*, Tempe, AZ

 **Chandler Sculpture Walk**, *City of Chandler*, AZ \*

 **Pleasures of the Palettes**, *Arizona Biltmore*, Auction for CASA, Scottsdale, AZ

**R.I.F. Reflection Implies Fulfillment,** T*he Ice House*, Phoenix, AZ

 **Collection,** *1st Gallery*, Phoenix, AZ

 **Salon European de la Recherché et de l’Innovation,** *Parc des Expositions*, Porte de Versailles, France

 **Research Exhibition**, and talk, American Academy in Rome, Rome, Italy

2006 **Art et Mathematiques,** Fete de la Science, *AIP-PRIMECA*, Lorraine, France

 **Overview of TeleSculpture 2003/2005**,*The Center for the Future*, Slavonice, Czech Republic

 **4th Int’l Digital Sculpture Competition,** *Intersculpt/Ars Mathematica*, Paris, France

 **Iron 2006-Iron Bridging Art+ Technology,** *World Heritage Site*, Ironbridge, UK

 **Models and Mechanisms,** *The Ice House*, Phoenix, AZ

2005 **Intersculpt: Digital Art Exhibition,** 1st prize 2D, France, US, UK-*on line*

 **TeleSculpture: Digital Art Exhibition,** *ASU PRISM Labs* Tempe, AZ-*on line*

 **Animated Information,** *The Ice House*, Art Detour, Phoenix, AZ

 **Melting Point: A Cold War Fast-Forward,** *The Ice House,* Phoenix, AZ

2004 **Heliopolis & Animated Information,** *John Michael Center for the Arts*, Sheboygan, WI *Solo-video screening*

 **Animated Information,** *Guerilla Studios, SIGGRAPH,* *Convention Center*, Los Angeles, CA

**Art-O-Mat, Vending Machine Art*,*** *5 museum venues nationally- rapid prototypes*

2003 **TeleSculpture,** *ASU PRISM Labs*, Tempe, AZ-*on line*

 **International RP Sculpture Exhibition,** *DAAP*, Cincinnati, (US, UK, France) *on line*

 **The Contemporary IV International Juried Art Exhibition,** *Period Gallery*, Omaha, NE- *on-line*

**2-3-4 Dimensional 5 International Juried Art Exhibition*,*** *Period Gallery*, Omaha*, NE-on line*

**Temporary Projects Proposals***, Phoenix City Hall, Atrium Phoenix, AZ*

2002 **Combustion,** *The Ice House*, Phoenix, AZ

2001 **Leading Indicators,** *The Ice House*, Phoenix AZ

 **Mediate/Immediate,** *Thought Crimes Gallery*, Phoenix, AZ

 **TeleSculpture: Digital Art Exhibition,** *ASU PRISM Labs* Tempe, AZ-*on line*

2000 **Faculty Exhibition,** *Anderson Ranch Arts Center*, Snowmass, CO

1999 **Analog-Digital,** *Central Arts Collective,* Tucson, AZ- *three person*

**TeleSculpture: Digital Art Exhibition,** *ASU PRISM Labs* Tempe, AZ-*on line*

 **Merged Realities,** *Central Arts Collective,* Tucson, AZ, *juror’s award 1st place*

 **Mar(k)ing,** *Central Arts Collective*, Tucson, AZ

 **Summer Nights’ Dreaming,** *Studio 4C,* Tempe, AZ

 **Studio 4C,** *Sculpture,* Tempe, AZ

 **Six in the Mix,** *Studio 4C,* Tempe, AZ

 **Members Show,** *Central Arts Collective,* Tucson, AZ,

 **Yoni,** *The Ice House,* Phoenix, AZ

 **’99 Cups**, *Mesa Galeria*, Mesa, AZ

1998 **Ferris Opus,** *Grounds for Sculpture,* The Johnson Atelier, Mercerville, NJ

 **Perceptions of the Body,***Paint Creek Center for the Arts*, Rochester, MI, *one person*

**Implements/Specimens,***Acme Art Company,* Columbus OH, *one person*

 **Get Real,** *Mesa Galeria,* Mesa, AZ-*purchase award*

**Facultease**, *Mesa Galeria*, Mesa, AZ

**Starting from Within,** *Central Arts Collective,* Tucson AZ-*three person*

1997 **Sculpture Walk,** *Scottish Sculpture Workshop*, Lumsden, Scotland

 **The Maximum Drawing Show,** *Paint Creek Center for the Arts,* Rochester, MI

 **5th Vague Art Competition,** *11 E. Ashland,* Phoenix, AZ

1996 **Arizona Sculptors,** *Tempe Arts Center,* Tempe, AZ

 **Exhibition of Sculpture,** *Bush Barn Art Center,* Salem, OR- *two person*

1996 **19th Annual Vahki Exhibition**, *Mesa Galeria*, Mesa, AZ

1995 **Fulbright Artists,** *Fulbright House* London, UK, *permanent collection*

 **Fulbright Work,** *10-12 Grafton Street Studio*, Cambridge, UK- *one person*

*1994* **Implement Series,** *Corvallis Art Center,* Corvallis, OR-*Three-person*

1993 **Beyond Tradition: Exhibition of Bronze Sculpture,** *Contract Design Center,* San Francisco, CA

 **Devices of the Mind,** *Charleston Heights Arts Center,* Las Vegas, NV- *one person*

 **Implements,** *Rosewood Government Center,* Kettering, OH- *one person*

 **Women, Fire, and Iron,** *Wilensky Arts,* Minneapolis, MN

 **Eighth Annual Juried Exhibition,** *Berkeley Art Center,* Berkeley, CA

1991 **Bramaleah Pacific Sculpture Exhibition,** *Bramaleah Pacific Building,* Berkeley, CA

 **Bedford Biennial,** *Regional Center for the Arts,* Walnut Creek, CA

1990 **Art LA/ 90- 5th International Contemporary Art Fair***, L.A. Convention Center,* CA

 **Borders and Bridges,** *Central Arts Collective,* Tucson, AZ

 **California Artists Who Are Educators,** *San Francisco Int’l Airport,* San Francisco, CA

 **Bay Currents: Four Emerging Sculptors,** *Palo Alto Cultural Center,* Palo Alto, CA

1988 **Auburn Arts '88,** *American Association of University Women,* Auburn, CA

 **International Conference on Sculpture**, *R.H.A. Gallery,* Dublin, Ireland

1987 **Bay Currents: Four Emerging Sculptors,** *Palo Alto Cultural Center,* Palo Alto, C

 **Works by Women,** *National Sculpture Conference,* Cincinnati, OH

1986 **Cast and Fabricated Sculpture,** *1078 Gallery,* Chico, CA-*one person*

1985 **Fellowship Exhibition**, **NJ Council on the Arts,** *Hunterdon Art Center,* Clinton, NJ\*

 **SPAR National,** Shreveport, LA

 **National Small Works Exhibition,** Cobleskill, NY

 **San Diego Showcase,** San Diego, CA

 **2nd Biennial,** *Pacific Grove Art Center*, Pacific Grove, CA

1984 **Landscape and the Architectonic,** *Sonoma County Arts Council,* Santa Rosa, CA

 **Gallery Space,** *South of Market Cultural Center,* San Francisco, CA \*

 **California Women Artists,** *Corporate Center,* Sacramento, CA

 **Exhibition,** *San Mateo Arts Council Gallery*, Belmont, CA\*

 **Fourth Annual National,** *Galerie Triangle,* Washington, D.C. \*

 **Marin Society of Artists**, *Sculpture Show,* Ross, CA

1982 **Third Annual National,** *Galerie Triangle,* Washington, D.C.

 **A Survey of Contemporary Sculpture,** Union, NJ

 **New Jersey Great Ideas,** *Pavilion Galleries,* Mt. Holly, NJ \*

1981 **Drawing and Sculpture*,*** *370 E. Nassau,* Princeton, NJ*- two person*

 **Recent Work,** *The Johnson Atelier,* Princeton, NJ, 1981-*one person*

1980 **Artists New to Columbus,** Columbus, IN

1977 **Santa Fe Trails Exhibition,** *First Place,* Larned, KS \*

1975 **Foothills Art Center Juried Show of Sculpture,** *First Place,* Golden, CO

 **14th Annual Exhibition,** *Foothills Art Center,* Boulder, CO

1974 **Colorado Country,** *National Exhibition,* Loveland, CO \*

***GRANTS AND AWARDS***

2014 **Membership Award,** Chandler Techshop, 2014

2012 **Best of Phoenix: Public Art**, INFLUX, Monsoon Nights, with T. Ingalls, Phoenix New Times

2011 **Studio Residency in Sculpture**, (Jan-Apr).Anderson Ranch Arts Center, Snowmass, CO

2007 **Professional Development Grant,** for rapid prototyping, Arizona State University

2005 **4th Int’l Digital Sculpture Competition, 1st Place: Virtual,** *Intersculpt/Ars Mathematica,* Paris, France

2004 **John Michael Kohler Center for the Arts,** *Arts and Industry Residency,* Sheboygan, WI

2003 **Creative** **Research Award,** 3D data stream Development,School of Fine Arts, ASU

 **Juried Slide Registry,** Arizona Commission on the Arts

 **The Software Factory,** Computer programming grant, ASU

2001 **Creative Research Grant,** 3D data Streams, Institute for Studies in the Arts, ASU

1998 **School of Art Creative Research Grant** Digital Imaging for Sculpture, ASU

 **Distinguished Teaching in the Arts Award,** School of Art, ASU

1997 **Context and Display in Sculptural Implement Series,** Faculty Grant in Aid, ASU

 **Teaching and Learning Enrichment Award,** School of Art, iron-casting capability ASU

 **Fine Arts Research Grant,** Travel-UK, Arizona State University

1994 **Fulbright Fellowship,** Council for International Exchange of Scholars, Cambridge, UK

 **Research and Creative Activity Grant,** Sonoma State University

1991 **Research and Creative Activity Summer Stipend,** travel to Ireland, Sonoma State University, CA

 **Faculty Development Grant,** *sculpture,* also in 1989,86,85,83, SSU

1990 **Sonoma County Art Award,** *Sculpture,* Santa Rosa, CA

1989 **Research, Scholarship, Creative Activity Grant,** Large Scale Work, SSU

 **Sonoma State Enterprises Grant,** for Northern California Sculpture Symposium

1987 **AAFDP Educational Equity Awards Program Grant,** Sonoma State University

1984 **Washington State Arts Council Art in Public Places Program,** Purchase of Sculpture

 **Exceptional Merit Service Award,** Sonoma State University

1982 **New Jersey State Council on the Arts Fellowship,** sculpture

1981 **Ford Fellowship in the Visual Arts**, Indiana University, Bloomington, IN *(also 1978)*

***PROFESSIONAL ACTIVITIES***

 2014**Momentum Women, Art Technology,** Joint talk, Arizona Artists' Guild

 **Guest Artist and Speaker**, University of Louisville, Louisville, KY

 **Presenter, Exhibitor, Board Member,** 7th International Conference on Cast Iron Art, Pedvale Sculpture Park, Sabile, Latvia

 **Innovazione Garfagnana and the** Digital Stone **Project,** Tuscany, Italy

 **Earl Ranch Invitational Iron Pour Symposium,** Sanderson Texas

2013 **Participant,** Keen Foundry Symposium, Houston Texas

 **Presenter, Exhibition Organizer**, WE-ASC, Art Sciences, and Culture, New Delhi, India

 **Presenter,** X-Fest, Paradise Valley Community College, Paradise, Valley, AZ

 **Participant, Serde Residency,** Iron Casting Symposium, Aizpute, Latvia

 **Steering Committee,** 7th International Cast Iron Art Conference (Latvia 2014)

2012 **Juror, Visual Arts and Interactive Media,** Arizona Council for the Arts 2013 Grants

 **Exhibitor/Participant,** Em*erge****:*** *Artists + Scientists Redesign the Future,* Interdisciplinary Conference Arizona State University, Tempe, AZ

 **Presenter, Co-organizer,** Generation XYZ, The Past, Present, and Future of Digital Sculpture

 **Presenter**, *International Sculpture Conference,* Chicago, IL

 **Presenter, Exhibitor,** Nor'Easter, Conference on Cast Iron Art, Buffalo State College, Buffalo, NY

 **Presenter**, *Western Cast Iron Art Conference*, Fort Hays State College, Hays, Kansas

 **Desert Iron Symposium,** Iron pour organizer, since 1997

 **Presenter,** Momentum: Women/Art/Technology, Arizona State University Art Museum

 **Presenter, Co-organizer,** Generation XYZ, The Past, Present, and Future of Digital Sculpture

 **Juror, Arizona Arts Council Grant Panel**, Phoenix, AZ

2011 **Real Time and Networked Visual Displays**, *World Education- Arts, Sciences and Culture*, 1/15 New Delhi, India

 **Presenter,** **Panelist,** *Conference on Cast Iron Art*, Sloss Furnaces, Birmingham, AL

2010 **Residency**, **Tyrone Guthrie Center**, Annaghmakerrig, Monaghan, Ireland

 **Residency**, **Vermont Studio Center**, Johnson, VT

 **Presenter,** *6th International Conference of Cast Iron Art*, Kidwelly, Wales

 **Presenter**, *Ars Mathematica 2010*, Cyberbase, Paris, France

 **Guest Artist,** Georgia State University, Atlanta, GA

 **Sabbatical Leave**, Spring semester 2010

 **Presenter and Exhibitor**, Fe 10 Int'l Conference of Cast Iron Art, Kidwelly, Wales

 **Café des Arts des Sciences et des Techniques**, Palais de la Découverte, webcasts, Paris,

 **Ars Mathematica 2010** From the Earth to Space: Exobiology and Biodiversity, Biotechnology and Bioethics of Inhabited Worlds and their Artists. Presenter and exhibitor, *Cité des Sciences et de l'Industrie*, Paris, France

 **Juror**, City of Tempe Arts Grants (see service)

2009 **Presenter,** Southern Cast Iron Art Conference, Sloss Furnaces, Birmingham, AL

 **Co-organizer, Presenter, Host:** American Foundry Society Southwestern Art Casting Conference, Arizona State University, Tempe, AZ

 **Presenter and Exhibitor,** Intersculpt 2009, Fete de la Science, Metz, France

 **Juror**, Scottsdale Fire station Sculptural commission (See Service)

2008 **Panelist**, Hist*ory of the Cast Iron Movement*; *Digital Techniques for the Foundry*, Western Cast Iron Art Conference, University of Colorado, Denver

 **Guest Artist and Presenter** Complex Systems Group, in connection with the International Polar Year University of Alaska, Anchorage, AK

 **Halloween Iron Pour;** Director,Arizona State University, Tempe, AZ 2003-7

2007 **Visiting Artist,** American Academy in Rome, Research on climate data for work, Rome, Italy

 **Guest Artist Global Streams,** Fresno City College, Fresno, CA

2006 **Fusion of Art and Technology Exhibition,** Guest Artist, California State University, Fresno, CA

 **Iron 2006-Iron Bridging Art+ Technology,** *Panelist*, Ironbridge, UK

 **Lecture/Casting Workshop,** Guest Artist, California State University, Chico, CA

 **Cupola Iron Casting,** Co-Instructor, Fire Arts Festival, The Crucible, Oakland, CA

2005 **Intelligent Distribution Exhibition,** Guest Artist, Sonoma State University, Rohnert Park, CA

 **Cupola Iron Casting,** Co-Instructor, Fire Arts Festival, The Crucible, Oakland, CA

2004 **Edinburgh College of Art,** Guest Speaker, Scotland

2003 **Anderson Ranch Center for the Arts,** Instructor, Speaker, Snowmass, CO

 **University of Alaska, Anchorage,** Juror, *No Big Heads* Nat'l exhibition, Anchorage, AK

 **Phoenix Arts Commission Juror,** George Washington Carver Commission, Phoenix, AZ

2002 **4th International Conference on Cast Iron Art,** Co-Director, presenter, Mercerville, NJ

 **Scottish Sculpture Workshop,** *Uisge Beatha (Water of Life) Project*, Lumsden, Aberdeenshire, UK

2001 **Edinburgh School of Art,** Guest Artist, Scotland

 **Roaring Fork Club,** Guest Artist, Basalt, CO

 **New Mexico Highland University,** *Iron Tribe,* Guest Speaker, Las Vegas, NM

 **Tucson Museum of Art,** Panelist, Iron Maidens Exhibition, Tucson AZ

 **International Sculpture Center Annual Conference,** *Iron Extravaganza, Live Satellite Feed with Scottish Iron Event,* Pittsburgh, PA

2000 **International Sculpture Conference,** Panelist- Women in Digital Imaging, Houston, TX

 **Anderson Ranch Center for the Arts,** Instructor, Speaker, Snowmass, CO, also, 2000

 **Southern Oregon University,** Guest speaker, Juror, Student Exhibition, Ashland, OR

 **American Society of Materials Scientists,** Talk- *Small Cupolas: The ASU Foundry Program,* Phoenix, AZ

1. **University of Minnesota Guest Artist,** *Iron Circus,* Minneapolis, MN

 **American Foundry Society,** Talk, *Iron Casting at Arizona State University*, Phoenix, AZ

1998 **US-Scott Consortium,** ASU Representative, Program Planning Co-chair, Arbroath, Scotland

 **University of Alaska, Anchorage,** Guest Artist, Art Department, Anchorage AK

 **International Sculpture Conference,** presenter, Chicago, IL

 **Third Int’l Conference on Cast Iron Art,** Steering Committee, International, & Stereo- modeling panels, The Johnson Atelier, Mercerville, NJ

1997 **Scottish Sculpture Workshop,** Residency, Lumsden, Scotland

1995 **Falmouth School of Art,** Guest Artist, Cornwall, England

 **Edinburgh College of Art,** Guest Artist, Edinburgh, Scotland

1994 **Oxbow: Summer School of the Art Institute of Chicago,** Guest Artist

 **Int’l Sculpture Conference,** Panelist, *The History of Women Working in Cast Metal*

 **Steering, Exhibitions Committees,** San Francisco, CA

 **Sonoma State University,** Research and Creative Activities Grant,

1993 **Contract Design Center,** Co-organizer, *Beyond Tradition*, San Francisco, CA

 **San Jose State University,** Visiting artist exchange, San Jose, CA

 **University of Minnesota,** *Women, Fire, and Iron,* Guest Artist/panelist-*The History of Women in Cast Metal, Why Cast Metal?*  Minneapolis, MN

 **Women's Caucus for Art,** Panelist, *The Forbidden Medium*, Seattle, WA

 **University of Arizona / Tucson Civic Arts Commission,** Guest Speaker, Tucson, AZ

1991 **Southern Illinois University,** Guest Artist, Graduate Sculpture Dept., Carbondale, IL

 **CAST, Ltd. Art Foundry,** Guest Artist, consultant, Dublin, Ireland, July

1990 **Mid-America College Art Association,** Casting Workshops, University of Arizona, Tucson, AZ

 **Northern California Sculpture Symposium,** *The Third Dimension,* Co-director, Sonoma State University

1988 **Int’l Conference on Sculpture,** co-presenter, *Aluminum in Sculptural Fabrication*, Dublin, Ireland

1987 **National Sculpture Conference,** *Works by Women,* Panelist, Panel leader, Cincinnati, OH

 **California State University, Stanislaus,** Casting and Patination Workshop, Turlock, CA

1985 **University of Illinois, Champaign-Urbana,** Guest Artist, School of Art and Design, Champaign, IL

 **San Jose State University,** Guest Artist, Art Department, San Jose, CA

 **Palm Springs Desert Museum,** Guest Speaker, "Works in Bronze" exhibition, CA

1984 **San Francisco State University,** Guest Speaker, San Francisco, CA

***PUBLICATIONS***

*"Real Time and Networked Visual Displays"*World Education- Arts, Sciences and Education Culture,1/15, 2011, New Delhi, India

*“Iron is the Earth”*, Booklet on history of art casting in iron, for the 4th International Symposium on Cast Iron Art, Mercerville, NJ, Apr. 2004, reprinted, 2010, 2011,2012 currently used as text in sculpture programs

*“3rd International Symposium of Cast Iron Art”,* 3rd International Symposium on Cast Iron Art, Sculpture Magazine, Oct. 1998

*"Aluminum in Sculptural Fabrication,"* Mary Bates and John deMarchi, Conference Report, Int’l Conference on Sculpture, Trinity College (29-31 August, 1988) Sculptors Society of Ireland, 1989

*"Works in Bronze: A Contemporary Survey"*, exhibition and catalog- the history and use of bronze in sculpture of the century, technical advances and their effect of the bronze aesthetic, with S. Moulton, Sonoma State University, Rohnert Park, CA 1984

***SELECTED BIBLIOGRAPHY*** *(see exhibition listing for work included in catalogs)*

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http://spark.umn.edu/

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https://asunews.asu.edu/20120910\_sensory\_meadow 'Sensory Meadow' adds whimsy to your walk"

September 10, 2012. Judith Smith

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http://www.arsmathematica.org/JDP2012/index-JDP2012.html
Musée de La Princerie in Verdun (Meuse, Lorraine), "Journées Européennes du Patrimoine"

http://www.ctvisit.com/events/summary?eventid=15050

[http://www.facebook.com/TubacCenterOfTheArts](https://ex2010.asu.edu/owa/redir.aspx?C=5ec5b9b6a0aa4c0fba355eb8b7c1c08c&URL=http%3a%2f%2fwww.facebook.com%2fTubacCenterOfTheArts)

http://www.ctnow.com/videogallery/70245315/News/Plight-Of-The-Pollinators-Art-Show-June-2-24-At-Blue-Horse-Arts

http://www.facebook.com/pages/Plight-of-the-Pollinators/113965302062365

[http://www.ecollegetimes.com/things-to-do/mill-avenue-fills-empty-spaces-with-art-in-flux-initiative-1.2728974#.T4dkK79WpLJ](https://ex2010.asu.edu/owa/redir.aspx?C=1f1eef40aba049c0809e3dd8178af56a&URL=http%3a%2f%2fwww.ecollegetimes.com%2fthings-to-do%2fmill-avenue-fills-empty-spaces-with-art-in-flux-initiative-1.2728974) Monsoon Nights installation

Emerge**:** Artists + Scientists Redesign the Future, http://emerge.asu.edu/festival.php

[http://www.wired.com/beyond\_the\_beyond/2012/02/emerge-conference-phoenix-sterling-bleecker-candy-neal-stephenson-stewart-brand-and-many-others/](https://excast02.asurite.ad.asu.edu/owa/redir.aspx?C=900f381c7e404af59eef79f7ac9f72a6&URL=http%3a%2f%2fwww.wired.com%2fbeyond_the_beyond%2f2012%2f02%2femerge-conference-phoenix-sterling-bleecker-candy-neal-stephenson-stewart-brand-and-many-others%2f)

http://www.momentum-women-art-technology.com/

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Ars Mathematica 2011, Paris, France:

Intersculpt 2011

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http://www.dailymotion.com/video/xmreqt\_intersculpt-2011-paris-exposition-exhibition\_creation.

http://www.arsmathematica.org/is2011/index.html#video

Digital 2010, The Planet Earth

[www.nysci.org/](http://www.nysci.org/) explore/exhibit information/1707642 , [www.asci.org/artlikel1102.html](http://www.asci.org/artlikel1102.html) , [www.asci.org/index2.php?artrikel=1118](http://www.asci.org/index2.php?artrikel=1118)

<http://www.leolmanac.org/> , http://www.nysci.org/explore/upcoming

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http://www.facebook.com/home.php?#!/pages/leonardo-Electronic-Almanac/209156896252

http://www.flikr.com/photos/lea\_gallery,

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Digital 2010, Digital Mysteries in Science

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[www.packer.edu/page.cfm](http://www.packer.edu/page.cfm)?p=766

[www.nysci.org/explore/exhibit\_information/1707642](http://www.nysci.org/explore/exhibit_information/1707642)

[www.absolutearts.com/artsnews/2009/10/05/35744.html](http://www.absolutearts.com/artsnews/2009/10/05/35744.html)

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Digital 2010 http://lacda.com/exhibits/exhibitshome.html

The Foundry Tree: A Foundry Website [http://foundrytree.wikispaces.com/Tree](https://exchange.asu.edu/owa/redir.aspx?C=a0dee23fe6754d22bd4b8de5fcb3cd4c&URL=http%3a%2f%2ffoundrytree.wikispaces.com%2fTree)

Café des Arts des Sciences et des Techniques, Palais de la Découverte http://web.cast.free.fr

ASCI 09 http://www.nyas.org/Events/SCDetail.aspx?cid=570d5b8d-6b95-4fe1-831c-e563f7676dae

Astronomie et Darwin, Fete de la Science en Lorraine http://www.arsmathematica.org/is2009/

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Los Angeles Center for Digital Arts exhibitions, <http://www.lacda.com>, 2006/7

William Havu Gallery exhibitions [www.williamhavugallery.com](http://www.williamhavugallery.com), 2005/7

The Iron Tribe Exhibition Catalogue <http://www.nmhu.edu/irontribe/catalog.html>, 2007

Sculpture et Mathematiques <http://www.intersculpt.org> , 2006

Salon European de la Recherché et del’Innovation <http://www.salon-de-la-recherche.com/> , 2006

Intersculpt 2005 website <http://www.pimkey.com/~interscu//is2005/4dsc-competiteurs/4dsc-frames.htm> , 2005

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Arizona Republic, “*Artists turn number streams into graceful objects”*, article, color illus. East Valley Ed., Mar 31, 2004, p. 2, William Hermann

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Arizona Republic, *“Art makes universe more down to earth”,* article, Roberta Burnett, East Valley p.2, August 9, 2002

Bentley Gallery, Mary Bates Neubauer, monograph, pub., 2002

Sculpture Magazine, *“Cultured Deserts: Off Center in Arizona and New Mexico”* July/ Aug., 1999 vol. 18#6 pg. 46-7 Article, color illus. Kathleen Whitney

*“Perception of the Body”-* monographic flyer, Turlock City Arts Council, 1997

North American Women Artists of the 20th C: A Biographical Dictionary, ed. Jules Heller and Nancy G. Heller, pub. Garland, New York 1995

Artweek, *“Mary Bates at Michael Dunev”,* review, Mary Hull Webster, December 1995

Dayton Daily News, *"Sculpture Exhibits take Varied Shapes",* review, Carol Simmons, September 26, 1993

Rocky Mountain News, *" Artwork seems to have practical, as well as aesthetic, use",* review, M.S. Mason, May 31, 1992

San Francisco Chronicle, *"Sculpture: In Search of an Audience",* review, Kenneth Baker, Date book, p.33, October 6, 1991

American Artists, an Illustrated Survey of Leading Contemporaries, pub. American References, article, 1991

Icon, *"L.A. Art. - Kyle Belding Gallery",* review, Simon Zalkind, p. 14, Sept., 1991

Artweek, Aug. 2, 1990, p. 11, adv. illus.

The Benson Park Sculpture Garden, Elliot P. Daldos, Loveland High Plains Arts Council, pub. 1990

California Art Review, pub. American References, article, 1989

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Exhibition Directory, 1985-86, 7th ed., p. 51, listing

Sacramento, Dec. 1986, p. 40-41, illus.

San Diego Home/Garden, May 1985, p. 87, illus.

Artweek, *Exhibitions*, vol. 15, no. 14, April 14, 1984, p. 10, illus.

Artery Magazine, National Forum for College Art, Feb.-Mar. 1983, Vol. 6, No. 3, p. 12-13, review, illus.

Art Forum, Oct. 1983, "Bronze" Exhibition Notice, p. 96

*Bronze A Group Exhibition of Sculpture,* New Jersey Public Television Network, Oct. 1983

Newspaper reviews, articles: additional entries on file 1972-present

***SELECTED PUBLIC and PRIVATE COLLECTIONS***

George and Marilyn Bakers, Snowmass Village

Bruce Battey, Campbell, CA

Francis Berser, Hillsborough, CA

Dan and Adrian Blumberg, Lafayette, CA

Jim and Ann Book, Scottsdale, AZ

Tom Bye and David Bohn, Lafayette, CA

Dot Cada, Cada and Associates, Loveland, CO

City of Phoenix, Sky Harbor Airport

Joel Chaseman, Chevy Chase, MD

Leon Cohn, Belvedere, CA

Susan Cummins, Mill Valley, CA

Becci and Chuck Daggs, Lafayette, CA

Ted Decker, Phoenix, AZ

Bentley Dillard, Phoenix, AZ

Rene DiRosa, Napa, CA

Virginia Dorn, Orinda, CA

E. Tennessee College, Johnson, City, TN

Edinburgh College of Art, Edinburgh, Scotland

Walter and Billie Harsch, Green Valley, AZ

Ft. Hayes College, Hayes, KS

Bella Feldman, Oakland, CA

Fulbright House, London, England

Sidney Ganis, Pacific Palisades, CA

Kier Gelvin, Scottsdale, AZ

Gloria Getty, San Francisco, CA

Muriel Hanley, La Selva Beach, CA

J. Harris, Scottsdale, AZ

George and Laurel Harvey, Princeton, NJ

Jake & Penny Harvey, Berwick upon Tweed, UK

Mr. and Mrs. L. Hirschman

Mary Hood, Tempe, AZ

Meagan Jenkins, Tempe, AZ

J. M. Kohler Center for the Arts, Sheboygan, WI

Kiev Polytechnic University, Kiev, Russia

David King, Pt. Richmond, CA

Barry and Patty Lemieux, Sonoma, CA

Diane and Jim Light, Basalt, CO

Lutat and Battey Advertising, Campbell, CA

Wynne Maggi, Berthoud, CO

Beverly McIver, Durham, NC

Regis McKenna, San Francisco, CA

Chris Martens, Urbana, IL

Mesa Arts Center, Mesa, AZ

Dr. Grant Miller, Reno, NV

Ann and Eduardo Murgia, Palo Alto, CA/Brazil

Bill Neeley, American Society of Materials Scientists, Phoenix, AZ

Wilds Nelson, Green Valley, AZ

William and Shirley Neville, Omaha, NE

Mrs. Lucien Oliver, Atlanta, GA

Steve and Nancy Oliver, Orinda, CA

Oro Valley Arts Council

Phoenix Sky Harbor Airport

Cathy Read and Richard Carter, Washington Crossing, PA

Hepzibah Rendle-Schott, Cambridge, UK

Sharon and Barclay Simpson, Orinda, CA

Mark L. Steinberg, Chicago, IL

Richard Sword, Cambridge, UK

Jill Ridder, Healdsburg, CA, /Paris, France

Anne Reichel, Denver, CO

Libby Romano, Houston TX

Valerie Rubenstein, Palo Alto, CA

Dr. Donald Scalea, West Orange, NJ

Maxim Schrogin Berkeley, CA

John and Diane Simpson, Seattle, Washington

Solaris Cruise Lines

Bob and Jeanne Wills, Phoenix, AZ

University of Southern Illinois, Carbondale, IL

Texas State Bank System

Mary Thatcher, San Francisco, CA

Tucson Arts Council, AZ

Visual Arts Council, City of Loveland, CA

Visual Arts Council, Washington Art in Public Places Program, WA

Varosi Nuvesleti Museum,Gyor, Hungary

Jeff and Pam Verney, San Francisco, CA

Mr. and Mrs. J.C. Williams, Lafayette, CA

Tamara Wood/ Jim Simpson

Tony Zeh, Mesa, AZ

### *PROFESSIONAL MEMBERSHIPS- ongoing*

**AFS-American Foundry Society, Desert Chapter- Faculty sponsor and member**

Professional society of the casting industry; local education, donations and sponsorship through affiliated student club *Fahrenheit 2150*, since 1997.

**FEF-Foundry Educational Foundation Faculty sponsor and member,** Educational wing of the AFS providing scholarships and training programs in the casting arts, **'**Affiliate' credential for ASU Foundry program since 2009.

**ASM-American Society of Materials Scientists, Desert Chapter- Faculty Representative**

Professional society of materials scientists; donations and sponsorship through affiliated student club *Fahrenheit 2150*, since 2004. Sponsors of annual student small sculpture competition and exhibition

**ACM-The American Society of Computing Machinery**

Member since 2007: digital and visualization issues

**ISC- The International Sculpture Center**

Member and faculty representative ASU sculpture students, provides professional services in the field, 20+ year member

**ASCI- Art Science Collaborations**

Member, participant, exhibition, New York based group of artists and scientist working with new mode of visualizing scientific information, since 2006

**New York Sculptors Guild**

2006 through present, Group exhibitions in New York area.

**Ars Mathematica**

Paris-based art/sci organization sponsoring annual Intersculpt and rapid prototyping colloquia. this group shows in universities, trade shows, and symposia in Europe, with electronic exchange of stereo-lithographic files of 3D objects for reproduction at FAST UK, TeleSculpture, and a virtual world site. Member, exhibitor since 2006

**Beijing Tomorrow Collaborative Digital Sculpture Gallery** **2009-2011**

Beijing, China: Member of U.S. collective of established digital sculptors who exhibit in China, 2009-2011

**WESTAF**

Western State Arts Federation image bank for art opportunities, since 2004

**CAFE**

Western States image bank for art opportunities, since 2007

**WEAD**

Women's Environmental Arts Directory, since 2012

**Past Professional Memberships**

**US-SCOT Consortium;** Currently not active, 1998-2004

**YLEM** Artists and creators at the intersection of Science and the Arts, S.F. Bay Area. 2008-10

***COMMUNITY MEMBERSHIPS- ongoing***

**Contemporary Forum**

**The Phoenix Art Museum**

**Scottsdale Museum of Contemporary Art**

**Scottsdale Public Art Advisory Board**

**Phoenix Zoo**

**Phoenix Botanical Gardens**

***UNIVERSITY and DEPARTMENTAL SERVICE- ongoing***

**Area Head- Sculpture, Arizona State University 2006-2013**

Contributions to facilities improvements, programmatic changes, institution of safety course, development of School of Art Assessment Plan for Sculpture area; continued development of summer session offerings: Beginning Sculpture, Foundry, and Figurative Sculpture, further development of futures issues including growing integration of digital technology into sculpture curriculum, development of community ties and support through grants, exhibitions, and donations. Initiated B.F.A. Sculpture Pro-Seminar course. (since 2006)

**Sculpture Liaison- Arts, Media, and Engineering Department**

**HIDA Personnel Committee, 2013-present**

**University Senate, 2013-Present**

**Research and Creative Activity Committee, 2013-Present**

**The Data Archive Task Force of the RCA, 2013-Present**

**The Safety Committee Task Force of the RCA, 2013-Present**

**The Barrett Honors College Disciplinary Faculty**

Mentoring Honors students enrolled in the Herberger Institute for Design and the Arts, School of Art, since 2006

**Foundry Educational Foundation**, ASU Advisor, Professional association focusing on education and scholarships for foundry students at the university level, since 2010

**American Foundry Society**, Member Desert Chapter, ASU Advisor for Student club, **Fahrenheit 2150**, Faculty Liaison to Student Organization Resource Council, since 1996, grants, guest artist workshops

**Recommender**

Numerous external letters of recommendation and evaluation for faculty and professional positions, Guggenheim, other professional opportunities, since 1996

***COMMUNITY SERVICE/ INTERACTION- ongoing***

**Liaison to Intel**, Significant donations of copper, materials, exhibitions, sponsorship, since 2005

**Liaison to Microtronics**, Significant corporate donations of yellow brass, since 2009

**Student Foundry Club liaison to AFS, FEF, ASM, SORC** Fundraising $3000 to $20,000+ annually plus materials and equipment donations

**ASU Annual Desert Iron pour events with public and inter-university/community college involvement**,

Scratch molds, pours open to public and widely publicized, help recruit for sculpture, since 1998.

**Exhibition programming for students: downtown Phoenix galleries**

Facilitation of downtown exhibition programming of ASU students and emerging sculptors at *Ice House*, *1st Ave. Studios,* *Braggs Pie Factory*, *Art Detour*, and assorted guerrilla venues. Work acknowledged by ***Partnerships, Community, and the Arts*** event in 2006; since 1998

**Southwestern Autism Research and Resource Center** :

Involvement with activities, Long term loans of sculpture to Southern Autism Research Center, since 2003

**Shemer Museum and Art Center**

activities, Long term loans of sculpture, since 2001

**Donations of Artwork**

Organizations including Contemporary Forum-Phoenix Art Museum, Anderson Ranch Arts Center, CASA Center, John Michael Kohler Center for the Arts, Katrina Relief, SSU Art from the Heart Valentine Auction, AIGA Graphic Arts, University of Wyoming, Phoenix Children’s Hospital, Face-to-Face Aids Organization, Santa Rosa Symphony, from 1983

**Coordinator,** Exhibitions of student work at Cal State Sonoma campus and community, annually since 1983-1994

**Juror,** Regional art exhibitions grant and commission competitions, annually since 1983

 ***ACADEMIC SERVICE by year***

2013-14 **ASU Academic Senate**, School of Art Representative, since 2011

 **Scholarship Committee** , ASU School of Art

 **Personnel Committee,** Herberger Institute for Design and the Arts

 **Research and Creative Activity Committee** of the University Senate

 **Safety** and **Digital Documentation Subcommittees** of the University Senate

2012 **Area Head Sculpture, Since 2008 Arizona State University**, Budget, scheduling equipment, Program direction and missions, course development- *see above*

 **ASU Academic Senate**, School of Art Representative, since 2011

 **Scholarship Committee** , ASU School of Art

 **Personnel Committee,** ASU School of Art

 **Workshop: What to do after Graduation,** Arizona State University

 **Hiring Committee,** Interactive Media, Arts Media, and Engineering, Arizona State University

2011 **HIDA Academic Assembly Sub-Committee on Promotion and Tenure**

 **Internal Grants Committee**, School of Art, Arizona State University

 **WE-ASC World Education- Art/Science Collaborations**, International advisor, panelist, presenter, academic paper, New Delhi, India

 **External Peer Evaluation,** 1)Francis Fox, Associate to Full, Boise State University. Boise, Idaho 2) Jenny C. Hager, Assistant to Associate, Florida State University, Jacksonville, FL 3) Patricia Tinajero, Assistant to Associate, University of Tennessee, Knoxville, TN

 **Internal Grants Committee**, School of Art, Arizona State University

 **Faculty Exhibition Committee**, School of Art, Arizona State University

 **Workshop: How to get into Graduate School,** School of Art, Arizona State University

 **Workshop**: **Opportunities at Anderson Ranch Center for the Arts**, with Ron Berman,

 Arizona State University

2010 **External Peer Evaluation,** 1) Sculpture, University of Georgia, Atlanta Assistant to Associate 2) Wood Sculpture, University of Kansas, Assistant to Associate; Sculpture; 3) Associate to Full, Colorado State University Art Department.

2009 **External Advisor for Arts, Media, and Engineering**, retention/ promotion at Herberger Institute of Design and the Arts level, representing 4 candidates

 **External Peer Evaluation**, External peer reviews in Sculpture Assistant to Associate Professor Texas Woman's University; Assistant to Associate University of Florida, Miami

 **The American Foundry Society Southwestern Metal Casting Conference**, Sponsor and site host

 **Art Fest: The Devil's Workshop Event** $300 award: English wheel and shop vac for program

 **Nominee** for International Board, Scottish Sculpture Workshop pending

 **Desert Iron and Koji Iron Symposia**, Annual Regional Iron Casting Symposia with guest artists, In collaboration with Ted Uran, SCC

2008 **School of Art Scholarship Committee**; ASU from 2000

 **Member AME Hiring Committee: Digital Media** From 2006

 **Edinburgh College of Art in Scotland**, one-on-one student and faculty exchanges in sculpture, generally 1-2 students per year, from 1998.

#  Talk on development of digital prints and sculptures using numbers to make 3D patterns, Maverick Art Quilters organization, regional artists who make fine arts quilts, textiles.

 **Juror, Engineering Design Services** for the Galveston Street and Price Road Loop 101 bicycle and Pedestrian Bridge Served on selection panel for public art project, City of Chandler, AZ

 **Peer Evaluation,** Associate to Full Professor, Sculpture, Univ. of Georgia, Athens, GA

2007 **Chair;** Sculpture Mechanician Hiring Committee, ASU

 **Arts Media and Engineering (AME) Gaming and Digital Media hiring Committee, cont.**

 **Pre-NASAD Program Evaluator** (Sculpture), University of Kansas, Lawrence, KS

 **ASU School of Art Program Review-** Sculpture

 **Sand Molding and Cupola Iron Casting class: Fire Arts Festival II** The Crucible. Oakland, CA; Short course in resin-bonded sand molding culminating in a cupola iron pouring for Annual Fire Arts Festival, staged among other pyrotechnic artworks and performances

2006 **SIGGRAPH;** Member, Guerilla Studio participant

 **Sand Molding Workshop**, Southern Iron Conference, Birmingham

2006 **Committee for Learning and Teaching Excellence Advisory Committee;** ASU, from 2000

 **Chair, Sculpture Hiring Committee**

 **ASU Sculpture Program Review Self-Study**

 **Member School of Art Program Review Committee**

 **Scholarship Committee,** member

 **Arts, Media, and Engineering Hiring Committee,** Member-Gaming and Digital Media

 **Member of Arts, Media, and Engineering Personnel Committee**

 **Member Arts, Media, and Engineering Mediation Committee**

 **Member Arts, Media, and Engineering Grad Admission Committee**

 **Arts, Media, and Engineering Retention reviews**

 **External Peer Review, Clemson University,** Associate to Full Professor, Sculpture

 **Juror, Shemer Art Center and Museum** 2007 exhibition programming

 **Consultant,** foundry facilities within Cal State University system

 **Chair,** Sculpture Mechanician Hiring Committee, ASU

 **Graduate Studio Committee**; ASU School of Art, from 1997

 **Sand Molding and Cupola Iron Casting class: Fire Arts Festival** **I** The Crucible, Oakland, CA Short course in resin-bonded sand molding culminating in a cupola iron pouring for the Annual Fire Arts Festival, staged among other pyrotechnic artworks and performances

2005 **Chair, Hiring Committee**, **Sculpture Assistant Professorship** ASU

 **Chair, Sculpture Mechanician Hiring Committee**, ASU

 **Hiring Committee;** **Metals Assistant Professorship**, ASU

 **Peer Evaluation;** University of Alaska, Anchorage

2004 **School of Art Building Committee,** ASU sculpture facility design

 **CASE Arizona Professor of the Year Nominations,** Juror

 **US-Scot Consortium,** ASU Representative, from 1998

2003 **Peer Evaluations;** Wayne State Univ., Kansas State University

2002 **Peer Evaluation;** University of Colorado, Denver and University of Texas, Austin

2001 **Hiring Committee, Fiber Arts Assistant Professorship**, ASU

 **Personnel Committee;** Departmental, ASU, from 1998

 **Peer Evaluation;** Indiana University

1999 **Distinguished Alumni Selection Committee;** University Committee, from 1998

1998 **US-Scot Consortium;** Program Planning Co-chair, Arbroath, Scotland

 **Hiring Committee; Photography Assistant Professorship,** ASU

1995 **Art in the Hospitals Program;** Coordinator, Sculpture Exhibition, Cambridge, UK

 **Solstice Exhibition;** Christ’s Pieces, City Council, Coordinator, Cambridge, UK

1993 **NASAD Institutional Evaluator;** Eastern Illinois University, Charlotte, IL

 **BFA Committee;** SSU Art Department, from 1986

1992 **NASAD Annual Meeting;** Workshop for Experienced Evaluators, Atlanta, GA

 **NASAD Institutional Evaluator;** Mankato State University Art Dept., Minnesota

1991-2 **Departmental Scheduling Committee;** Sonoma State University Art Dept., also 1986-8

 **Departmental Hiring Committee;** 1991-92, Chair, SSU Art Dept.1989-90

1991 **National Association of Schools of Art and Design (NASAD) Annual Meeting;** Minority Recruiting: Solving the 'Pipeline' Problem, Panelist, Dearborn, MI

 **Departmental Retention, Tenure, Promotion Committee;** SSU Art Dept. also 1989

 **NASAD Institutional Evaluator,** Salem State College Art Dept., Salem, Massachusetts

1990 **Art College Exchange,** *Issues in Sculpture in 3D Design,* Conference Leader, Charleston, SC

 **National Association of Schools of Art and Design Annual Meeting;** *Multicultural Concerns and Their Impact on the Preparation of Artist and Designers*, Discussion leader, Los Angeles, CA

 **NASAD Institutional Evaluator;** Bradley University Art Dept., Peoria, IL

 **University Curriculum Committee;** SSU, from 1986

 **Fundamentals Committee;** SSU Art Department, Since 1986

1989 **National Association of Schools of Art and Design Annual Meeting;** *The Role of Art Foundations Programs in Art and Design Study,* Indianapolis, IN

 **Northern California Sculpture Conference;** Co-facilitator, Sonoma State Enterprises grant

 **Distinguished Alumni Selection Committee;** SSU

1986-9 **Department Chair;** Sonoma State University Art Department, Rohnert Park, CA

 **University Scholarship Committee**: SSU, through 1989

1987 **NASAD accreditation self-study**: SSU Art Department developed and wrote

 **Educational Policies Committee;** SSU University Committee since 1983

 **University Retention Committee,** SSU

1986-7 **Chair, Educational Policies Committee;** Univ. rep. to SSU Academic Senate, Exec. Committee

 **BFA proposal,** SSU Art Department: 1986-1995, developed and wrote

 **Committee on Outdoor Sculpture,** SSU

1986 **Faculty Liaison;** Art Union, SSU, since 1983

 **Facilitator, Panelist;** Dept. Chairs' Workshop of Assessment, Cal State System

 **Co-author;** *Assessment at Sonoma State University*

 **EPC Subcommittee on grading: SSU**

1985 **Chair, University MPPP (Meritorious Performance) Selection Committee**

1983 **Task Force;** Off-campus Housing University, SSU

***NATIONAL ACADEMIC SERVICE-*** Ongoing- see also professional activity

 2012 Facilitate student opportunities for attendance, panels, exhibition, speaking opportunities for graduates and undergraduates at annual meetings of professional arts organizations including **International Sculpture Conference**, **3rd and 4th International Conference on Cast Iron Art**, **The Iron Tribe events at New Mexico Highland University**, **Northern AZ University Iron-Casting,**  **The Southern Iron Conferences, The SAIC Spring Iron Pours,** **The Keen Foundry Symposium**, **The US/UK Iron Pour**, Facilitate student opportunities for residencies at the **Scottish Sculpture Workshop** since 1996

 **Desert Iron Symposia**, since 2000, regional iron casting symposia with guest artists and experimental cupolas

 ***INTERNATIONAL ACADEMIC SERVICE*** Ongoing- see also professional activity

2012 **Steering Committee**, 2014 International Cast Iron Art Conference

2011 **Beijing Tomorrow Collaborative Digital Sculpture Gallery**, Beijing, China, US collective established digital sculptors who exhibit in China, since 2009

 **WE-ASC World Education- Arts, Science and Culture**, international advisory committee for New Delhi organization: integration of the Arts and Sciences; preservation of traditional skills, since 2010

2010 **Chair and organizer of International Digital Panels**, International Conference of Cast Iron Art, Kidwelly, Wales.

2009 **External Grant Assessor,** Canada Foundation for Innovation

2007 **External Grant Assessor,** Canada Foundation for Innovation

2006 **Student/Faculty Exchanges;** Arizona State University/ Edinburgh College of Art, from 1998

2005 **External Grant Assessor,** Canada Foundation for Innovation

2002 **International Cast Iron Art Conference Steering Committee;** from 1998

 **Co-Director 4th International Conference on Cast Iron Arts;** The Johnson Atelier, Mercerville, NJ

2000 **ASU Rep; US-SCOTT Consortium;** from 1997

1997 **Student Exchanges;** Sonoma State University Anglia Polytechnic, from1995

***UNIVERSITY/COMMUNITY RELATIONS-*** Ongoing- see professional activity

2012 **Arizona Best Fest Centennial** events, ASU Exhibition facilitator, State Capital

 **Juror, Arizona Arts Council Annual Awards,** Phoenix, AZ

 **Facilitated** **Donations:** Intel, Sipi Metals Chicago, Thyssen-Krupp Waupaca, American Foundry Society, American Brass and Iron, Refrac Systems, Refractory Insulation and Supply, Ball Consulting, Arizona Castings, Arizona Bronze, ME Elecmetal, Camelback Plumbing, $40- $ 50,000 since 2000

 **American Society of Material Scientists** ASU liaison Sponsors ASU foundry visits, small sculpture competition, technical advice, exhibitions, since 2000

 **American Foundry Society, Desert Chapter ASU Liaison**, since 1996. Sponsors ASU foundry visits, small sculpture competition, technical advice, exhibitions

 **American Society of Computing Machinery**, member since 2007; digital and visualization issues

 **Art/Science Collaborations Member** Participant, exhibitor; New York based group working on visualizing scientific information, since 2008

 **Ars Mathematica** Paris based art/sci organization sponsoring annual Intersculpt and Rapid prototyping colloquia, member, exhibitor, presenter, since 2000

 **Annual Student Competition-American Society of Materials Scientists;** Sponsorship in conjunction with the ASU Foundry Area, from 2000

2011 **Scottsdale Public Art,** Fire Station Sculpture installation events by Ilan Averbuck

 **Ball Consulting;** Student patina, mold making workshops, from 1998

 **Arizona Bronze;** Student Internships, employment, from 1999

 **AZ Castings;** Materials and supply donations, field trips, from 1999

 **Advisory Board, Scottsdale Public Art** Discussion and action group advancing public art visual arts in Scottsdale; futures planning, from 2010

 **Talk** for Women's organization. P.E.O.

2010 **Koji Iron Pour**, with Scottsdale Community College, since 2004, annual public event with guest artists, since 2004

 **Juror, City of Tempe Arts Grants** Reviews and recommendations of grant applications in all arts fields for the city of Tempe grants program

 **Juror, Scottsdale Fire Station Commission** Served on panel of jurors, project completed May 2011

 **Introduction : Dennis Oppenheim** Introduction &history, for Scottsdale Arts Council in connection with 2010 public art installation

 **Talk** for Women's organization. P.E.O.

2009 **Juror**, Scottsdale Fire Station Public Art project, national competition

 **Juror,** Tempe Community Arts Grants for Organizations

 **Introduction**, Dennis Oppenheim Scottsdale Council for the Arts

 **Board Member**, advisor, Wallace Sculpture Gardens project- in planning phase

2008 **Speaker,** Contemporary Forum Phoenix Art Museum, *Digital Techniques for Sculptors*

 **Speaker**, Chandler Quilter’s Association, Mathematically Driven Patterns in Art

2006 **M-E International;** Materials donations to Foundry program, field trips, from 2000

2000 **American Foundry Society;** Donation of complete AFS Library of technical books to ASU, Student Scholarship for technical seminar

1994 **Optical Coating Labs;** Non-ferrous metals donations from 1985

 **Santa Rosa Steel Forming;** Materials donations from 1984

 **American Brass and Iron;** Materials donations field trips, from 1991

 **Phoenix Foundry;** Iron casting services, field trips from 1988

 **Santa Rosa Tool and Supply;** Materials donations from 1984