

MATTHEW MOSHER

Assistant Professor at University of Central Florida
Nicholson School of Communication and Media - Games and Interactive Media
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ARTIST & EDUCATOR

Intermedia artist, Fulbright Scholar, and research professor creating embodied experiential interactive systems. Merges digital and tangible methods of making to address social and political issues. Interdisciplinary collaborator with a strong design background and ten years teaching experience.

EDUCATION

- 2014 Arizona State University (ASU), School of Arts, Media, and Engineering
MA, Media Sciences
- 2012 Arizona State University (ASU), School of Art
MFA, Intermedia
- 2006 Rhode Island School of Design (RISD), Division of Architecture and Design
BFA, Furniture Design

EXHIBITIONS

Solo Shows

- 2015 *Tributaries of Our Lost Affinity*, Rhetorical Galleries, Phoenix, AZ
Site-specific interactive installation of paper barnacles on the gallery walls. Participants could use their smartphone flashlights to examine the barnacle formations, which triggered different sounds in a multi-track audio atmosphere.
- 2013 *echo::system*, Digital Culture Gallery, Tempe, AZ
A treadmill and monitor combination that allowed participants to take virtual walks through the Sonoran desert. A secondary touch screen interface provided maps, historical photographs, and environmental data overlays.
- 2012 *TRANQUILITY*, Harry Wood Gallery, Tempe, AZ
A solar powered extra-planetary rover vehicle prototype examining the decline of human space exploration in the USA.
- 2010 *The Gallery Is No Place For Artists*, Step Gallery, Tempe, AZ
Site-specific installation that boarded up the gallery windows. A peephole in the door allowed for viewing of the title text on the back wall.
- 2006 *The World Is Better*, RISD Store, Providence, RI
Site-specific interactive installation invited people to vote on if they agreed with Dick Cheney's quotation 'The American way of life is not negotiable.' An LED sign displayed 'True' or 'False' under the quotation based on the most recent vote.

Juried Funded Public Art Installations & Performances

- 2019 *Sculpture Exhibition*, Rosemary Beach, FL (\$1,500, National, 20% acceptance rate)
Vajramantrabhiru: Nine foot tall steel sculpture. 1 of 16 artists exhibiting. Audio guide published.
- 2018 *Art of Peace*, Temple Art Lofts, Vallejo, CA, (\$1,500, National)
Sentinel: Composition #21: Cast gypsum handgun mandala correlating to the 27 people killed in Sutherland Springs, Texas. Curated by the Robby Poblete Foundation. 1 of 8 artists exhibiting.
- 2017 *IMMERSE Creative City Project*, Orlando, FL (\$250, Local)
Secrets of the Dark: Large scale live camera projections on a building façade. Participants apply colorful video filters to the projected image using a tangible two-handed gesture interface.
- 2017 *Fredericksburg Arts Commission*, Fredericksburg, VA (\$2,000, National)
Vajramantrabhiru: Nine foot tall welded steel sculpture placed outside the city Amtrak station for one year.
- 2016 *Art in Odd Places: Play*, Orlando, FL (\$1,000, National, 50% Collaboration with Julie Akerly)
This is me, Trying to remain vertical: Dance performance juxtaposing mental and physical stillness. Movements of the dancer are captured with a custom multipoint foot sensor and dynamically mapped to the lighting and audio score.
- 2016 *Art in Odd Places: Play*, Orlando, FL (\$375, National)
Equalibria: Audio performance on balance and meditation that uses the water level in six paired bottles as an electric musical instrument.
- 2015 *Spark! Festival of Creativity*, Mesa, AZ (\$1,006, National)
What We Have Lost / What We Have Gained: Four foot by three-foot rear projected interactive sculpture that participants could play like a drum pad.
- 2014 *Burning Man Arts Honorarium*, Black Rock City, NV (Nondisclosure Agreement, International)
R'eyh: Ten foot double hinge doorway that served as the north portal to the central Burning Man effigy. Doors light up at night and change color when opened.
- 2014 *Scottsdale Public Art: platform*, Scottsdale, AZ (\$2,000, Regional)
Standpipe: Six foot tall welded steel sculpture placed at a main road intersection for one year.
- 2013 *Emerge: Carnival of the Future*, Phoenix, AZ (\$2,500, National, 50% Collab. with Julie Akerly)
The Still: Dance performance critiquing our reliance on social media. Dancers were cued by custom neural network software that sent vibration signals to their cell phones.
- 2012 *Spark! Festival of Creativity*, Mesa, AZ (\$1,000, National)
Tranquility: A solar powered extra-planetary rover vehicle prototype examining the decline of human space exploration in the USA.
If These Walls Could Speak: An interactive shelf that allows participants to store audio narratives into physical objects.

Public Collections

- 2010 Judith A. Hoffberg Archive. University of California, Santa Barbara, CA
- 2009 Humanities Library. Massachusetts Institute of Technology, Cambridge, MA
- 2009 Fleet Library. Rhode Island School of Design, Providence, RI

Selected International Juried Group Exhibitions

- 2020 *Digital Spring Biennale*, Arge Kulture, Salzburg, Austria. (Forthcoming Spring 2020)
- 2019 *Lux Aeterna*, International Symposium for Electronic Art, Asia Culture Center, Gwangju, South Korea. Catalog published.
- 2017 *Wave in Time and Space*, Sound and Music Computing, Aalto University, Espoo, Finland
Curated by Koray Tahiroglu. 1 of 9 sound installations.
- 2016 *The Body in Translation*, Technology University, Eindhoven, Netherlands
Curated by Lian Loke and George Poonkhin Khut. 1 of 9 artists exhibiting.
- 2013 *Hand, Eye, Mind: Sensory Models for Holistic Learning*, India Habitat Center, New Delhi, India
- 2011 *Translife International Triennial of New Media Art*, National Art Museum of China, Beijing, China
Curated by Zhang Ga. Catalog published.

International Invited Group Exhibition

- 2019 *idiosynkrāsía*, Mozarteum KunstWerk, Salzburg, Austria
Collaboration between Fachhochschule Salzburg Audio and Universität Mozarteum Textiles.

Selected National Juried Group Exhibitions

- 2020 *Input / Output*, Mesa Community College Art Gallery, Mesa, AZ (Forthcoming Spring 2020)
Curated by Jennifer Harris.
- 2018 *Peace & Justice*, Delaware State University Art Center, Dover, DE
Curated by Jennifer Gunther. 1 of 26 artists exhibiting. (26% acceptance rate)
- 2018 *Sound Installations*, Moss Art Center, Blacksburg, VA
Curated by Thomas Tucker and Mona Kasra. 1 of 6 sound installations. (32% acceptance rate)
- 2013 *Independent Music | Innovative Art | Tech Talks*, Slingshot, Athens, GA
- 2009 *Beg Borrow Steal*, La Montagne Gallery, Boston, MA
Curated by Aaron Segal. 1 of 35 artists exhibiting.
- 2009 *Green Exhibition*, Towson Arts Collective, Towson, MD
1 of 20 artists exhibiting.
- 2008 *Ameri-Dreaming*, Claypool-Young Gallery, Morehead, KY
Curated by Jennifer Reis. 1 of 15 artists exhibiting.
- 2008 *Revisions of the American Dream*, Susan Hensel Gallery, Minneapolis, MN
Curated by Zach Pearl. 1 of 15 artists exhibiting.
- 2008 *Rites of Passage: The Mortality of Time*, The Nave Gallery, Somerville, MA
Curated by Kathy Desmond and Lauren O'Neal. 1 of 27 artists exhibiting.
- 2008 *Yelling at your Environment*, Harrington Arts, San Francisco, CA
- 2007 *FOOD: From Hunger To Plenty*, Towson Art Collective, Towson, MD

Selected National Invited Group Exhibitions

- 2017 *SMoCA Mix*, Scottsdale Museum of Contemporary Art, Scottsdale, AZ
A 50% collaboration with Julie Akerly.
- 2017 *Spark! Festival of Creativity*, Mesa Art Center, Mesa, AZ
Invited by [nueBOX]. A 50% collaboration with Julie Akerly.
- 2016 *You | I: Interfaces & Reader Experience*, Paul Watkins Gallery, Winona, MN
Invited by Dene Griger, president of the Electronic Literature Org. 1 of 9 artists exhibiting.
- 2012 *Table Fights*, Magnan Metz Gallery, New York, NY
Invited by Annie Evelyn.
- 2012 *Generation XYZ*, Night Gallery, Tempe, AZ
Invited by Dan Collins.
- 2008 *Table Fights*, Magnan Metz Gallery, New York, NY
Invited by Annie Evelyn.
- 2006 *Input / Output Experimental Furniture*, Martha Stewart Living Omnimedia, New York, NY
Invited by Lothar Windels.

Selected Regional Juried Group Exhibitions

- 2015 *Tiny Works / Tiny Dances*, {9} Gallery, Phoenix, AZ
- 2015 *Arizona Outdoor Sculpture Showcase*, Shemer Art Center, Phoenix, AZ
Curated by Mary Neubauer. 1 of 8 artists exhibiting.
- 2015 *ARTELPHX*, The Clarendon Hotel, Phoenix, AZ
Curated by Tara Sharpe. 1 of 29 artists exhibiting.
- 2014 *Lighthouse*, Alwun House Foundation, Phoenix, AZ
- 2014 *ARTELPHX*, The Clarendon Hotel, Phoenix, AZ
Curated by Tara Sharpe.
- 2010 *Monochrome in Neutral: Shades of Gray*, A. E. England Gallery, Phoenix, AZ
Curated by Peter Christenson.
- 2010 *Anaglyph Experiments Group Installation*, Westwind Studios, Phoenix, AZ
- 2010 *Open For Business*, ASU Art Museum, Tempe, AZ
Curated by John Spiak. 1 of 15 artists in exhibition.
- 2006 *30 Under Thirty*, Hera Gallery, Wakefield, RI

Selected Regional Invited Group Exhibitions

- 2017 *Memories of Underdevelopment*, The Gallery at Avalon Island, Orlando, FL
Invited by Patrick Greene. 1 of 5 artists exhibiting.
- 2014 *Momentum: Women / Art / Technology*, The Night Gallery, Tempe, AZ
Invited by Muriel Magenta.

Selected Local Juried Group Exhibitions

- 2017 *Resilience: Remembering Pulse*, UCF Art Gallery, Orlando, FL
The exhibit was made possible by the Citizen Curator Project and the Institute of Museum and Library Services. Catalog published.
- 2016 *Otronicon*, Orlando Science Center, Orlando, FL
- 2013 *Digital Culture Retrospective*, Digital Culture Gallery, Tempe, AZ
- 2013 *Objectify This*, ASU GPSA Gallery, Tempe, AZ

- 2010 *Formed of Matters*, Art Detour, Phoenix, AZ
- 2010 *Summoned Surveillance*, ASU GPSA Gallery, Tempe, AZ
- 2009 *ArtCORE Generations*, The Night Gallery, Tempe, AZ
Curated by Dan Collins.
- 2009 *From the Penthouse to the Basement*, Harry Wood Gallery, Tempe, AZ
- 2009 *Friends of Chautauqua*, Step Gallery, Tempe, AZ
Curated by Nic Wiesinger.
- 2009 *Without Memory*, Gallery 100, Tempe, AZ
Curated by Jennifer Campbell.

Selected Local Invited Group Exhibitions

- 2018 *Projected: A Creative City Project Special Event*, City Beautiful Church, Orlando, FL
Invited by Cole NeSmith, executive director of the Creative City Project.
- 2016 *Where All The Streets Are Paved With Gold*, Drunken Monkey Coffee Bar, Orlando, FL
Invited by Larry Hardin.
- 2014 *Somewhat Sacred*, The Ice House, Phoenix, AZ
Invited by Hillary Harp.
- 2012 *Slip Stream*, The Ice House, Phoenix, AZ
Invited by Hillary Harp.
- 2011 *Art Object Exchange*, Step Gallery, Tempe, AZ
Invited by Patrick Vincent.

RESIDENCIES

- 2019 Artist in Action: Art and History Museums, Maitland, FL. 12 Months, local.
- 2017 Sculpture Space, Utica, NY. 2 Months, international.
Funded in part by the New York State Council on the Arts and the National Endowment for the Arts. (5-10% acceptance rate)
- 2006 Windgrove, Tasmania, Australia. 1 Week, international.

GRANTS

- 2020 **Co-Principle Investigators: Matthew Mosher**, Yovanna Pineda, and Lori Walters, \$2,500
GAIM Strategic Plan Innovation Award, University of Central Florida
Namthar: Prototype development for a web application that allows people to save and share audio narratives into physical objects. Worked with the Wells-Built Museum to embed stories into artifacts.
- 2019 Principle Investigator: Maria Harrington, \$7,500
Office of Research and Commercialization, University of Central Florida
The Virtual UCF Arboretum: Advancement of Early Career Researcher grant used to study the psychological affects of using a treadmill to navigate a virtual environment. I contributed as the team tangible interface designer and mentored a student researcher.
- 2019 **Principle Investigator: Matthew Mosher**, \$1,500
Puffin Foundation West, Ltd.
Sentinels: Sculptural gun violence data visualizations using 3D printing and bronze casting.

- 2018 **Principle Investigator: Matthew Mosher, \$7,500**
Office of Research and Commercialization, University of Central Florida
Neural Interfaces for Meditation Training: Advancement of Early Career Researcher grant to create a gamified meditation training system using EEG headsets. Supervised two students.
- 2018 **Principle Investigator: Matthew Mosher, \$20,351.70**
Technology Fee, University of Central Florida
Experiential Media Equipment: Funding for new equipment, software, and sensors for use in undergraduate and graduate level interaction design courses.
- 2014 **Co-Principle Investigators: Matthew Mosher and Julie Akerly, \$5,000**
PAVE Arts Venture Incubator
[nueBOX]: Seed funding to launch the *[nueBOX]* residency program.

AWARD

- 2019 **Fulbright Scholar Fellowship, €20,800** - The J. William Fulbright Foreign Scholarship Board, Austrian-American Educational Commission, and Salzburg University of Applied Sciences Fellowship awarded to teach and research at Fachhochschule Salzburg. Research involved designing an interactive system for archiving audio stories of refugee migration in Central Europe. Taught a series of graduate guest lectures in the Multimedia Art department.

PUBLICATIONS

International Peer Reviewed Conference Proceedings

- Matthew Mosher, Danielle Wood, and Tony Obr.** 2018. Tributaries of Our Distant Palpability. In *Proceedings of the Conference on New Interfaces for Musical Expression (NIME '18)*. NIME, Blacksburg, VA, 360-361. (56% acceptance rate)
- Matthew Mosher.** 2017. If These Walls Could Speak: Tangible Memories. In *Proceedings of the 12th International Audio Mostly Conference on Augmented and Participatory Sound and Music Experiences (AM '17)*. ACM, New York, NY, USA, Article 13, 4 pages. (70% acceptance rate)
- Matthew Mosher.** 2016. What We Have Lost/What We Have Gained: Embodied Interfaces for Live Performance and Art Exhibitions. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '16)*. ACM, New York, NY, USA, 289-292. (20% acceptance rate)
- Matthew Mosher and David Tinapple.** 2016. What We Have Lost / What We Have Gained: Tangible Interactions Between Physical and Digital Bodies. In *Proceedings of the TEI '16: Tenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '16)*. ACM, New York, NY, USA, 658-662. (30% acceptance rate)

Mike Krzyzaniak et al. 2014. Separation: Short Range Repulsion. *In Proceedings of the Conference on New Interfaces for Musical Expression (NIME '14)*. NIME, London, UK, 303-306. (23% acceptance rate)

Invited Journals

Matthew Mosher et al. 2016. Demo hour. *Interactions* 23, 3 (May + June 2016), 8-11.
<http://interactions.acm.org/archive/view/may-june-2016/demo-hour42>

CONFERENCES

International Invited Conference Keynote Address

2019 *Cultural Critique and Interactive Data*, Barcamp: The Next Web. Fachhochschule, Salzburg, Austria

International Peer Reviewed Conference Demonstrations and Showcases

2019 *Khong Khro*. ACM Movement and Computing. Arizona State University, Tempe, AZ.

2018 *User-Centered Storyboards for Art and Design Courses*. Foundations in Art: Theory and Education (Southern Regional). University of Central Florida, Orlando, FL

2018 *Tributaries of Our Distant Palpability*. New Interfaces for Musical Expression. Virginia Tech, Blacksburg, VA

2017 *If These Walls Could Speak*. Humanities, Arts, Science, and Technology Alliance and Collaboratory. University of Central Florida, Orlando, FL

2017 *If These Walls Could Speak*. ACM Audio Mostly. Queen Mary University, London, UK

2016 *What We Have Lost / What We Have Gained*. ACM Computer Human Interaction. McEnergy Convention Center, San Jose, CA

SELECTED BIBLIOGRAPHY

Sarah Hardin. 2019. Six Central Florida Artists to Receive Free, Year-long Studio Spaces at Maitland Art Center. *Orlando Weekly* (27 August 2019). Retrieved from <https://m.orlandoweekly.com/Blogs/archives/2019/08/27/six-central-florida-artists-to-receive-free-year-long-studio-spaces-at-maitland-art-center>

Thomas Fuchs. 2019. Fulbright-Besuch aus Boston. *Bezirks Blätter* (29 April 2019). Retrieved from https://www.meinbezirk.at/tennengau/c-lokales/fulbright-besuch-aus-boston_a3346974

Michael Roither. 2019. Starke Bande mit den USA. *Salzburger Nachrichten* (6 April 2019), p. 63.

Larissa Hamblin. 2018. Creative City Project Throws a Special Pop-Up Event Showcasing Projection Artists. *Orlando Weekly* (27 June 2018). Retrieved from <https://m.orlandoweekly.com/Blogs/archives/2018/06/27/creative-city-project-throws-a-special-pop-up-event-showcasing-projection-artists>

Richard Freedman. 2018. Dismantled Guns, Bullets Secured for Bay Area 'Art of Peace' project. *Vallejo Times Herald* (10 January 2018). Retrieved from <https://www.mercurynews.com/2018/01/10/dismantled-guns-bullets-secured-for-bay-area-art-of-peace-project/>

Richard Freedman. 2017. Poblete Foundation Selects Seven for 'Art of Peace' Project. *Vallejo Times Herald* (13 December 2017). Retrieved from <http://www.timesheraldonline.com/arts-and-entertainment/20171213/poblete-foundation-selects-seven-for-art-of-peace-project>

Jeanette Lenoir. 2017. Using Art To Challenge Gun Violence In America. *ePluribus: America* (7 June 2017). Retrieved from <http://epluribusamerica.com/using-art-to-challenge-gun-violence-in-america/>

Lynn Trimble. 2016. [nueBOX] Leaves Phoenix Center for the Arts for Mesa Arts Center. *Phoenix New Times* (8 July 2016). Retrieved from <http://www.phoenixnewtimes.com/arts/nuebox-leaves-phoenix-center-for-the-arts-for-mesa-arts-center-8424356>

Lynn Trimble. 2015. [nueBOX] Expands with Condor / Dance Residency at Phoenix Center for the Arts. *Phoenix New Times* (19 August 2015). Retrieved from <http://www.phoenixnewtimes.com/arts/nuebox-expands-with-conder-dance-residency-at-phoenix-center-for-the-arts-756691>

Lynn Trimble. 2015. The Best Art We Saw In Downtown Phoenix on First Friday, August 7. *Phoenix New Times* (10 August 2015). Retrieved from <http://www.phoenixnewtimes.com/arts/the-best-art-we-saw-in-downtown-phoenix-on-first-friday-august-7-7552335>

Lynn Trimble. 2015. Artelphx Returns to the Clarendon Hotel. *Phoenix New Times* (12 May 2015). Retrieved from <http://www.phoenixnewtimes.com/arts/artelphx-returns-to-the-clarendon-hotel-heres-a-sneak-peek-7317015>

Zaida Dedolph. 2015. [nueBOX] Launches with Evocative Works from Emerging Phoenix Artists. *Jackalope Ranch* (6 February 2015). Retrieved from http://blogs.phoenixnewtimes.com/jackalope/2015/02/nuebox_phoenix_performance_art_launch.php

Zaida Dedolph. 2015. [nueBOX] Creates Platform for Phoenix-Area Performance Artists. *Jackalope Ranch* (20 January 2015). Retrieved from http://blogs.phoenixnewtimes.com/jackalope/2015/01/nuebox_phoenix_performance_art.php

Mallory Pratter. 2014. Artist residency program looks to provide more feedback and dialogue. *Downtown Devil* (4 December 2014). Retrieved from <http://downtowndevil.com/2014/12/04/65045/>

Alexandra Scoville. 2014. Downtown Devil, Video: Clarendon Hotel hosts ArtelPhx Event. *Downtown Devil* (29 September 2014). Retrieved from <http://downtowndevil.com/2014/09/29/61422/video-clarendon-artelphx-event/>

Evie Carpenter. 2014. 5 Cool Things We Saw at ARTELPHX Fall 2014 at The Clarendon. *Jackalope Ranch* (29 September 2014). Retrieved from <http://www.phoenixnewtimes.com/arts/5-cool-things-we-saw-at-artelphx-fall-2014-at-the-clarendon-6569421/2>

Beth Carter. 2012. Table Fighting Is Exactly What It Sounds Like: Tables, Fighting. *Wired Magazine* (30 May 2012). Retrieved from <http://www.wired.com/playbook/2012/05/table-fighting>

Lenni Rosenblum. 2012. Tempe has a Musical Meditative Space Rover. *Phoenix New Times* (14 February 2012). Retrieved from http://blogs.phoenixnewtimes.com/uonsun/2012/02/matthew_mosher_on_tranquility.php

Chakris Kussalanant. 2012. Artist uses rocks, spaceships as interactive devices. (26 January 2012). Retrieved from https://asunews.asu.edu/2012/01/25_video_Mosher

Tye Rabens. 2010. ASU galleries offer undiscovered art scene to students. *The State Press* 96, 6, (26 August 2010) 11.

Tye Rabens. 2010. Full Walls, Empty Galleries. *The State Press Magazine* (25 August 2010). Retrieved from <http://www.statepress.com/article/2010/08/full-walls-empty-galleries>

Amy Silverman. 2010. 100 Creatives #74 M. Mosher. *Jackalope Ranch* (29 June 2010). Retrieved from http://blogs.phoenixnewtimes.com/jackalope/2010/06/74_matthew_mosher.php

TEACHING EXPERIENCE

Academic Appointments

- 2015 – Now *Assistant Professor*: University of Central Florida, College of Arts & Humanities and College of Graduate Studies, Nicholson School of Communication and Media, Games and Interactive Media department, Orlando, FL
Instructed undergraduate and graduate courses and laboratories in Interactive Design, Information Management, User Centered Design, Digital Imaging, New Media Design, Physical Computing, and Entrepreneurship. Courses mixed engaging lectures with reading discussions, active learning exercises, student research presentations, technical demonstration, design processes, and real world applications. Developed two courses as mixed modality of face-to-face and online. Mentored students in researching new systems for experiential art through work-study, independent study, and internships. Served on university arts event committee, school policy committee, and school and departmental graduate curriculum committees. Chaired a sub-committee that unified learning objectives and structure in the digital media foundation courses. Presented at national and international conferences on arts and human computer interactions.
NB: I was hired in the School of Visual Art and Design (SVAD) Digital Media department, which was transferred to the Nicholson School of Communication and Media (NSCM) and renamed the Games and Interactive Media department (GAIM) in 2018.
- 2014 – 2015 *Faculty Associate*: Arizona State University, School of Art, Tempe, AZ
Taught an upper level kinetic arts and interactive systems sculpture course. Designed projects and gave demonstrations using Arduino microprocessors, stepper motors, RGB LEDs, audio, gears, cams, and pistons. Also instructed a lower level concept based intermedia practice course including assignments on identity, place, fantasy, chance operations, and performance. Facilitated weekly student led reading discussions, artist research presentations, and critiques that emphasized connecting content to concept.
- 2012 – 2015 *Faculty Adjunct*: Phoenix College, Fine and Performing Arts, Phoenix, AZ
Prepared and taught a new sculpture course titled Introduction to Digital 3D Fabrication Tools. This studio course mixed technique based and student centered methods to instruct safe use of a computer numeric controlled (CNC) plasma cutter, plate marker, and 3D printer in a structured environment. Using these new technical skills, students

produced a final project specific to their interests. Students also conducted research presentations on the technologies used in the course. Additionally taught an introductory Understanding Art History course. Topics synthesized the visual elements of art and design principles with a survey of art history focusing on the 20th century. The course provided an introduction to a breadth of 2D and 3D processes, such as drawing, painting, printing, sculpture, via demos, videos, lectures, projects, and sample objects.

2009 – 2012 *Instructor of Record:* Arizona State University, School of Art, Tempe, AZ
Tutored 3D Design and Introduction to Digital Media foundation studios for undergraduate students. Covered the topics of form, mass, lines, planes, scale, context, modeling, color, etc. Courses weighed technical, conceptual, and aesthetic ability equally through demonstration, practice, and critique. Served as 3D Area Coordinator by organizing instructor meetings, compiling materials, and maintaining studio tools.

Undergraduate Courses Taught

University of Central Florida

- Digital Imaging Fundamentals
- Fundamentals of Interactive Design
- Information Management and Entrepreneurship
- User Centered Design
- Converging Media Capstone

Arizona State University

- 3D Design
- Intro to Digital Media
- Digital Art and Culture
- Intermedia Practice

Phoenix College

- Understanding Art
- Intro to Digital 3D Fabrication Tools

Graduate Courses Taught

University of Central Florida

- Information Architecture
- Science and Technology of Dynamic Media
- History and Theory of Dynamic Media
- Design for New Media
- Physical Computing

Fachhochschule Salzburg

- Gastprofessur & Workshops – Mediendesign
- Gastprofessur & Workshops – Computeranimation
- Gastprofessur & Workshops – Audio
- Werkshau

Arizona State University

- Experiential Systems Sculpture

Guest Lectures

- 2019 *Cultural Critique and Interactive Data*, Alpen-Adria-Universität, Klagenfurt, Austria
2019 *Tangible Aesthetics*, Subnet: Maschinenkult, Salzburg, Austria
2016 *Art and the Internet of Things*, Melrose Center, Orlando, FL
2016 *Aesthetics & Politics*, UCF Art Gallery, Orlando, FL
2012 *Chance Operations in 3D Design*, The Night Gallery, Tempe, AZ
2007 *A Fabulous Lecture for Traveling Design Students*, RISD Design Division, Providence, RI
2007 *Modern American Furniture Design*, Shinrin Takumi Juku, Takayama, Japan

University of Central Florida Student Advising

- Fall 2018 *Directed Independent Research*, 2 undergraduate students, AR books
Fall 2018 *Directed Independent Research*, 1 graduate student, Meditation training games
Spring 2018 *Directed Independent Research*, 1 graduate student, Interactive audio photos
Spring 2018 *Directed Independent Research*, 2 undergraduate students, Tangible memories
2017 – 2018 *MFA Committee*, 1 graduate student, Studio Art and the Computer MFA Candidate
Fall 2017 *Internship*, 1 undergraduate student, at Camelo Communications

SERVICE

Leadership

- 2014 – Now *Board Member*: [nueBOX], Phoenix, AZ
Co-founded a non-profit 501(c)(3) entrepreneurial endeavor to create a residency program for local emerging performance and installation artists. Planned projected three year budgets and profit / loss statements. Designed marketing materials and social media presence. Launched a crowd funding campaign. Filed non-profit corporate articles of organization and by-laws. Established a board of directors and sub committees. Partnered with Phoenix Center for the Arts and Mesa Art Center for studio space. [nueBOX] has successfully graduated over 75 residents.

International Service to the Profession

- 2019 – Now *Professional Committee Member*: College Art Association
Served on the CAA Professional Practices committee.
2019 *Interviewer*: Fulbright Austria
Sat on an interview panel for potential Fulbright Austria Student Fellowship recipients.
2016 *Reviewer*: Association for Computing Machinery
Peer reviewed papers for the 2017 Tangible Embodied Interaction conference.
2010 & 2011 *Studio Guerilla*: Association for Computing Machinery
Volunteered in the SIGGRAPH Studio by running 3D printing demonstrations and giving instruction in Zbrush. Prepared files for a variety of rapid prototyping machines.

Local, Regional, and National Service to the Profession

- 2018 *Reviewer*: Art & History Museum Maitland
Served on the Artist in Action and Artist in Residence program selection committees.
2017 *Reviewer*: Atlantic Center for the Arts
Served as a guest juror for the IMAGES: A Festival of the Arts exhibition.

Memberships

- 2019 – Now College Art Association
- 2018 – Now Shemer Art Center
- 2015 – Now International Sculpture Center
- 2015 – 2017 Association for Computing Machinery (ACM)

University of Central Florida Committees

- 2019 – Now GAIM Department Policy and Planning Committee
- 2018 – Now NSCM School Policy and Planning Committee
- 2018 – Now GAIM Department Graduate Curriculum Committee
- 2018 – 2019 NSCM School Mixed Reality Committee
- 2016 – 2018 SVAD School Graduate Curriculum Committee Member
- 2016 – 2018 Digital Media Department Core Curriculum Subcommittee Chair
- 2016 – 2017 SVAD School Exhibitions and Lectures Committee Member
- 2015 – 2018 UCF Celebrates the Arts Steering Committee Member
- 2015 – 2016 SVAD School Scholarship Committee Member

PROFESSIONAL DEVELOPMENT

Courses Attended

- 2019 German A1.2, Deutsch Studio Salzburg
- 2018 Mindfulness, Meditate.io
- 2018 Adobe XD Essential Training: Design, Lynda.com
- 2018 Adobe XD Essential Training: Prototype and Share, Lynda.com
- 2017 The Nature of Code, Kadenze
- 2017 Machine Learning for Musicians and Artists, Kadenze
- 2017 Unity 5: 3D Essential Training, Lynda.com
- 2016 Interactive Distributed Learning, UCF Center for Distributed Learning
- 2016 Foundations of Typography, Lynda.com
- 2016 Introducing the JavaScript Language, Lynda.com
- 2015 Human Subjects Research: Group 2, Collaborative Institutional Training Initiative

Conferences Attended

- 2019 Fulbright Seminar on American Studies, Strobl, Austria
- 2018 Faculty Center for Teaching and Learning Summer Conference, University of Central Florida
- 2016 Faculty Center for Teaching and Learning Winter Conference, University of Central Florida
- 2015 Conference on Sensor Devices and Applications, University of Central Florida

UCF Faculty Center for Teaching and Learning Course Innovation Projects

- 2018 Teaching in Active Learning Classrooms Cohort
- 2016 Scholarship of Teaching and Learning Cohort
- 2016 Active Learning Cohort
- 2015 Bring Your Own Device Cohort

TECHNICAL SKILLS

Programming Languages

Max/MSP, Arduino, Processing, PHP, MySQL

Markup Languages

HTML, CSS, WordPress

Art & Design Software

Adobe: Photoshop, Illustrator, Premiere Pro, Experience Design, InDesign, Bridge

Others: Rhino, Wekinator, Cura, Microsoft Office

Art & Design Fabrication

Woodworking, Metalworking, Welding, Casting, Physical Computing, 3D Printing, Laser Cutting