

Jennifer Weiler

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Ph.D., Media Arts and Sciences, in progress

Arizona State University, Tempe AZ
Advisors: Todd Ingalls and Dr. Stacey Kuznetsov

M.A., New Media Studio, May 2014

East Tennessee State University, Johnson City TN
Summa Cum Laude, 3.942/4.0 Cumulative GPA

B.A., Art History, May 2012

University of Kentucky, Lexington KY
Minors: Studio Art, Japanese
Summa Cum Laude, 3.96/4.0 Cumulative GPA

Work Experience

Arizona State University

Arts, Media, and Engineering Department, **Teaching Assistant**

2017-18 Spring/Fall	AME 230: Programming for Media Arts
2016 Fall	AME 210: Media Editing
2016 Spring	AME 112: Computational Thinking
2015 Spring/Fall	AME 294/220: Programming for the Web
2014 Fall	AME 494: Animating Virtual Worlds

Digital Culture Summer Institute, **Assistant Instructor**

2017	Solar Oven Competition
	Screen Printing with Active Materials
2015	Unity for Games
	Animation
	How to Code

Arts, Media, and Engineering Department, **Research Assistant**

Social and Digital Systems Group (SANDS)

East Tennessee State University

Digital Media Department, **Instructor of Record**

2014 Spring	DIGM 1650: Raster-Based Imaging
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Digital Media Department, **Research Assistant**

Art Department, **Gallery Assistant**

University of Kentucky

2011-2012 Engineering Department, eStudio **Design Consultant**

Conference Presentations – Papers

1. Screenprinting and TEI: Supporting Engagement with STEAM through DIY Fabrication of Smart Materials. S. Kuznetsov, P. Fernando, E. Ritter, C. Barrett, **J. Weiler**, M. Rohr. Full paper presented at ACM Conference on Tangible, Embedded and Embodied Interactions (TEI). Stockholm, Sweden, Mar 2018.
2. 3D Visualization of Genetic Networks Using Diverse Art Materials. **J. Weiler**, K. Fowler. Short paper presented at IEEE VIS Arts Program (VISAP). Phoenix, Arizona USA, Oct 2017.
3. Designing for Bottom-Up Adaption to Extreme Heat. **J. Weiler**, S. Kuznetsov, P. Fernando, E. Ritter, N. J. Greene, P. Parekh. Full paper presented at International Symposium on Electronic Arts (ISEA). Manizales, Colombia, June 2017.

Conference Presentations – Posters and Demonstrations

1. Tracking, Animating, and 3D Printing Elements of the Fine Arts Freehand Drawing Process. P. Fernando, **J. Weiler**, S. Kuznetsov, P. Turaga. Demo presented at ACM Conference on Tangible, Embedded and Embodied Interactions (TEI) Arts Track. Stockholm, Sweden, Mar 2018.
2. DIY Awareness of Ozone in Urban Desert Climates. **J. Weiler**. Poster presented at International Symposium on Electronic Arts (ISEA). Manizales, Colombia, June 2017.
3. Using Animated Vectors to Generate 3D Models from 2D Shapes. **J. Weiler**. Poster presented at International Symposium on Electronic Arts (ISEA). Manizales, Colombia, June 2017.
4. Crafting Colorful Objects: a DIY Method for Adding Surface Detail to 3D Prints. **J. Weiler**, S. Kuznetsov. Poster presented at ACM Conference on Human Factors in Computing Systems (CHI). Denver, Colorado USA, May 2017.
5. Mushi: A Generative Art Canvas for Kinect Based Tracking. **J. Weiler**, S. Seshasayee. Poster presented at ACM Symposium on Spatial User Interaction (SUI). Tokyo, Japan, Oct 2016.
6. Mushi: Computer Generated, Self-Animating Painting. **J. Weiler**. Demo presented at International Symposium on Electronic Arts (ISEA). Vancouver, Canada, Aug 2015.
7. Computational Art: Coding Art and Animation with the HTML5 Canvas Element. **J. Weiler**. Poster presented at International Digital Media and Arts Association (iDMAa). Laguna Beach, California USA, Nov 2013.

Exhibitions

- 2018 **Beyond Convergence**, TEI'18, Stockholm Kulturhuset, Stockholm, Sweden
The Speculative Object: Site in a Asynchronic Age, ASU Harry Wood Gallery, Tempe AZ
- 2017 **Digital Culture Showcase**, ASU Herberger Institute, Tempe AZ
SANDS Open House, ASU Digital Arts Ranch, Tempe AZ
The Speculative Object, International Sculpture Conference, Kansas City Marriott Country Club Plaza, Kansas City MO
Sustain & Decay, IEEE VISAP'17, Phoenix Convention Center, Phoenix AZ
Ars Mathématique, European Forum on Additive Manufacturing, Ecole Centrale Supelec, Paris, France

- Ars Mathématica**, Salon Culture et Jeux Mathématiques, Place Saint-Sulpice, Paris, France
- 2016 **Digital Culture Showcase**, ASU Herberger Institute, Tempe AZ
Hard Copy, Sala Ex Marmi, Pietrasanta, Italy
- 2015 **Digital Culture Showcase**, ASU Herberger Institute, Tempe AZ
- 2014 **Digital Culture Showcase**, ASU Herberger Institute, Tempe AZ
End of Year Exhibition, ETSU Digital Media Center, Johnson City TN
- 2013 **End of Year Exhibition**, ETSU Digital Media Center, Johnson City TN
Ascension, Tipton Gallery, Johnson City TN
- 2012 **Breadth of Art**, Rasdall Gallery, Lexington KY
- 2009 **Scholastic Art & Writing Awards National Art Exhibition**, Arnold & Shelia Aronson Gallery at Parsons, New York NY
Scholastic Art Competition and Exhibition, Cheekwood, Nashville TN

Service and Outreach

Program Committee

Student Volunteer: TEI 2018

Technical Reviewer

TEI 2017'18, CHI 2017, DIS 2018

ASU: Arts, Media, and Engineering Student Association (AMESA)

Secretary (2015-16), Vice President (2016-18)

Awards, Grants & Scholarships

ASU GPSA Individual Travel Grant, 2016

Showcase Research Award, iDMAa, 2013

UK Honors Program Diachun Award, 2012

UK Presidential Scholarship, Fall 2009-Spring 2012

UK Molony Scholarship, Fall 2009-Spring 2010

National Scholastic Art & Writing Award of 2009 Gold Medal

Regional Scholastic Art & Writing Award of 2009 Gold Key

National Merit Commended Scholar

Workshops Attended

Discovery Jam. IEEE VIS'17. Phoenix AZ, October 2017.

Ecology and Eco-art: Seed Sculpture Lab. ISEA'17. Manizales, Colombia, June 2017.

Open Design at the Intersection of Making and Manufacturing. ACM CHI'17. Denver CO, May 2017.

Digital Stone Carving Workshop. Digital Stone Project. Garfagnana, Italy, June 2016.

Intel RealSense Development Laboratory. Tempe AZ, June 2015.

Collage Printing on Glass. Arrowmont School of Arts and Crafts. Gatlinburg TN, June 2014.

Beyond the Kimono: Katazome. Arrowmont School of Arts and Crafts. Gatlinburg TN, June 2011.