

EDUCATION

University of California at Santa Cruz

MFA in Digital Arts and New Media, 2015

- Mechatronics Research Group
- Performative Technologies Research Group

University of North Carolina at Asheville

BA in Interdisciplinary Studies, 2009

- Independent degree: “Experimental Media Arts and Technology”
- Focus in Mechatronic Engineering, Sculpture and Multimedia

Distinctions

- Awarded academic fellowship for full tuition
- Awarded Position as Chancellor’s Graduate Teaching Fellow

Distinctions

- Distinction in Interdisciplinary Studies
- Distinction as a University Research Scholar

NEW MEDIA INSTALATION ARTIST

Awe Lucid Productions, Founder/Creative Director (2008-present)

- Production company designing new media, kinetic and multimedia art installations/performances for professional events, museums, festivals and private commissions.
- Specializing in immersive and interaction design

Selection of Exhibitions and Events Featuring My Installation Work

- Randall Museum, San Francisco, CA, 2017
- Exploratorium: The Museum of Science, Art and Human Perception, San Francisco, CA, 2016
- Creative Tech Week, Odetta Gallery, Bushwick, NY, 2016
- *Glow Festival*, Museum of Art and History, Santa Cruz, CA, 2015
- *Burning Man*, Black Rock Dessert, NV, 2014, 2012
- *Maker Faire*, San Mateo, CA, 2014, 2016
- *Visionary Arts Faire*, Atlanta, GA, 2012
- *LAST (Life Art Science and Technology) Festival*, Zero 1 Garage, San Jose, CA, 2014
- *Second LAST (Life Art Science and Technology) Festival*, San Francisco, CA, 2014
- *Forward Fest*, Washington DC, 2012, 2013
- *MoogFest*, Asheville, NC, 2012
- *Winter Festival of Wonders*, Baltimore, Maryland, 2012
- *ReHappening*, Black Mountain Collage, NC, 2012

SELECT HONORS AND PUBLICATIONS

Awards

- **Editor’s Choice Award**, (Blue Ribbon)
 - *Maker Faire* 2016, San Mateo, CA
 - Project: *Portrait of Resonance and Chaos*
- **“Best in show” award for juried competition**
 - *Circle of Dreams*, Variable 2.0, Asheville, NC 2008
- “Best Synth Shrine of 2014” by Synthtopia.com
 - For Project: *PsybOrg*

Publications

- **International Publication:**
 - Featured in: *Kinetic Architecture: Designing with Movement*, By Dr. Carolina Stevenson of Andes University, Columbia
 - Publisher: Birkhäuser Architecture (August 1, 2012)
- *Make Magazine*, Issue 52, (June, 2016)
 - Featured project: *Portrait of Resonance and Chaos*
- “Performer Activated Mist and Light: A Mechatronic System for Triggering and Controlling “Explosions” with a Simple Motion of the Hand”
 - *Big South Undergraduate Research Journal*, 2009

INNOVATIONS IN NEW MEDIA

Project Examples

The Labyrinth

- A kinetic projection environment/sculpture

Select Exhibitions:

- Inter-rotating hallways as playground-temple
- **International Publication:** (featured in) *Kinetic Architecture: Designing with Movement*, By Dr. Carolina Stevenson of Andes University, Columbia (Publisher: Birkhäuser Architecture, 2012)

Portrait of Resonance and Chaos

- **Swarm Architecture**, (of projection screen disks)
- Environment continually reconfigures via algorithms
- **Projection Mapping onto kinetic surfaces**
- Tracking and mapping with video feedback
- Extensive 3d CAD and Digital Fabrication
- Awarded Graduate Teaching Fellowship at UCSC to develop project
- Awarded Florence French Grant
- **Featured in Make Magazine**, Issue 52, 6/2016

Ask.Me

Technical director, project development

- Lead in technical development with small team
- Project commissioned by artist
- Designed and programmed video interaction with sensor interaction and circuitry
- Programmed with **MAX/MSP** and **C language**

Birdsong Theremin/Harp

- *Description:* An educational motion sensing instrument. Project uses an array of distance sensors that each trigger and control different birdsongs and light up informational panels.

The Egg

- Kinetic sculpture and **performative architecture**
- Utilizes **dynamic light patterns** timed with a spinning geometry to create captivating illusions.
- Live performer as sculptural medium- illusions come out of and surround their body
- **Shape shifting and reactive environment**

Symbiosis: A BioSensing Garden

- *Description:* A mechatronic sculpture that graphically presented daily data from a step-tracking device through patterns of water droplets that watered a garden below.
- Project group in affiliation with OpenLab
- Sponsored by a grant from Essex University, UK

Form Beyond Space

- *Description:* A figurative sculpture in which a quickly spinning form of faces vines and fabric is lit with precisely timed lights to create mesmerizing illusions in its motion.

- *Winter Festival of Wonders*, Baltimore, Maryland, 2012
- *Forward Fest*, Washington DC, 2012, 2013
- *Genesis*, NC, 2012
- *ReHappening*, Black Mountain Collage, NC, 2012

- *Description:* A kinetic projection environment with 16 large motorized pendulums with programmable/algorithmic choreography.

Select Exhibitions:

- **Exploratorium: The Museum of Science, Art and Human Perception**, San Francisco, CA, 2016-2017
- Maker Faire- San Mateo, CA, 2016
- **Editor's Choice Award- Blue Ribbon**

- *Description:* Large video hologram installation inside of dome, reacts to touch sensors

- *Exhibiting in:* Odetta Gallery, Bushwick, NY, 2016

- *Commissioned by:* The Randall Museum, San Francisco as a permanent installation
- To be installed June, 2017

- **Performance Interface design-** lights and centrifugal shape of sculpture are controlled by a **radio linked glove** for discrete and intuitive control
- Sculpture also reacts/transforms with live sound

Select Exhibitions

- **Museum of Art and History**, Santa Cruz, CA, 2015
- Burning Man Festival, NV, 2014

Select Exhibitions

- Maker Fair- San Mateo, CA, 2014
- LAST (Life Art Science and Technology) Festival, **Zero 1 Garage**, San Jose, CA, 2014
- Second LAST (Life Art Science and Technology) Festival- San Francisco, CA, 2014

Select Exhibitions

- *Visionary Arts Fair*, GA, 2012
- *Burning Man*, NV, 2012
- *Gnamia*, NC, 2012

- Featured sculpture for Alex Grey's art dome at Burning Man, 2012

- *Alchemy*, GA, 2012

DANCE PERFORMANCES WITH MULTIMEDIA

- *Clan Destiny Circus*, 3 Days of Light Festival, NC 2012

- *Sound Body Dream Become*, Bebe Theater, Asheville, NC 2007

- *Circle of Dreams*, Variable 2.0, Asheville, NC 2008

- **“Best in show” award for juried competition**

- *Evolution of My Animal*, Future of Traditions, Asheville, NC 2006
