

Curriculum Vitae

Education

University of California San Diego - PhD Candidate, Integrative Studies – San Diego, CA [2011 - present]

University of California Santa Cruz - MFA, Digital Arts & New Media - Santa Cruz, CA [2011]

California Institute of the Arts - BFA, Music Technology - Valencia, CA [2009]

Professional Experience

Associate Instructor - University of California San Diego, San Diego, CA [Summer 2012, 14; Fall, 2015]

Teaching Assistant - University of California San Diego, San Diego, CA [2011 - Present]

Associate Instructor - University of California Santa Cruz, Santa Cruz, CA [Summer 2011]

Teaching Assistant - University of California Santa Cruz, Santa Cruz, CA [2009 - 2011]

Creative Research Specialist, Sparks Environments, Santa Fe Springs, CA [2007 - present]

Field Technician, Creative Realities, Los Angeles, CA [2007 - 2009]

Conferences

Speaker – Iceland Academy of the Arts, Reykjavik, Iceland [2015]

Presenter – International Computer Music Association/Sound and Music Computing. Athens, Greece. [2014]

Speaker – Center for Research in the Arts and Humanities, Cambridge University - Cambridge, UK [2014]

Speaker – Graduate Music Symposium, Stony Brook University - Long Island, New York [2014]

Speaker – NOTAM Music Technology Days Conference – Oslo, Norway [2012]

Panelist / Speaker - The New Humanity Conference: Technohumanities - San Francisco, CA [2012]

Presenter - Society for Electroacoustic Music in the US annual conference - Appleton, WI [2012]

Presenter - Prospectives.09 New Media Conference - Reno, NV [2009]

Panelist / Speaker - Designing Memorable Events - Google Campus, Mountain View, CA [2008]

Presenter - New Ideas in Interactive Technologies - Cisco, Burlingame, CA [2008]

Grants, Awards and Residencies

Inside-Out Gallery Artist in Residence - Beijing, China [2013]

Wave Farm Artist in Residence Program - Acra, NY [2013]

A.K.A. Newtown Artist Grant – Pasadena, CA [2012]

Soundfjord Sequence Series Residency – London, UK [2012]

New Music USA MetLife Creative Connections Grant – [2012]

Rydell Visual Arts Fellowship Nomination – [2011]

Porter College Graduate Arts Research Grant – [2010]

Florence French Fellowship – [2010, 11]

Creative Capital Foundation Grant for Emerging Fields, [with Redux] [2007-10]

Publication and Reviewing

Reviewer - iConference. Drexel University - Philadelphia, PA [2015]

Author - "The Breath Engine: Challenging Biological and Technological Boundaries through the Use of NK Complex Adaptive Systems." In: *Sound and Music Computing Conference (ICMC | SMC)*. Athens, Greece [2014]

Curation

Wave Energy Series No.3 [Samual Dunscombe & Michiko Ogawa] UCSD Concert Hall. San Diego, CA [2015]

Wave Energy Series No.2 [Casey Anderson & Scott Cazan] UCSD Experimental Theater. San Diego, CA [2014]

Wave Energy Series No.1 [mem1] UCSD Experimental Theater. San Diego, CA [2012]

Installation Highlights

Disco Vérité

This piece is performed using blank Plexiglas discs on which are affixed bits of obsolete media in different patterns and played on standard DJ turntables. As the needle comes in contact with the physical material, it plays the sound of the objects themselves. When played together, they create a soundscape reminiscent of minimal techno, but from an analog, physical source. Conrad Prebys Concert Hall. San Diego, CA [2015]

Trio for Five Lungs [with Colin Zyskowski and Drew Ceccato]

This piece is an improvised performance system that draws focus to the ephemeral nature of the actions of living beings and how they can complicate biological and technical boundaries during long-term activities. The system relies on human respiration to create and affect a bio-technological aural feedback system. 2nd Annual International Conference on Deep Listening. Rensselaer Polytechnic Institute. Troy, NY [2014]

Electric i

Using hyper-directional speakers and micro projectors, this piece explored the connection between digital audio and video with its spatial consequences in the real world. A hyper-directional speaker and a pico projector were affixed to a pan/tilt mount. This mount allowed the directional audio and video to occupy the same localized spatial area. Participants used a game controller to move the unit and “uncover” the sights and sound of a virtual world much like shining a flashlight in a darkened room. AKA Newtown. Pasadena, CA [2012]

Memory Location #10

This piece examined issues of permanence and cognizance by broadcasting the sonified EEG data of a performer over AM radio bands into spatialized speaker arrays. These arrays were activated by audience contact such that audience members could act as “antennas” for sound. Radio waves travel indefinitely once they escape the atmosphere. In this way, ephemeral thought can in a fashion achieve some sort of permanence through a group-activated process. Museum of Art and History. Santa Cruz, CA [2011]

Memory Locations #8-9

This series is a visual examination of the relationship of permanence, communication and technology. Messages from the total dynamic list of Twitter feeds were chosen and the words incorporated into technical schematic of mobile devices. These diagrams were then etched into ceramic tiles. Berkeley Art Center. Berkeley, CA [2011]

Shift Register

A sound installation that utilized hyper-directional speaker and cognitive brainwave recognition technologies to explore the body as a filter for data. Digital Arts Research Center. Santa Cruz, CA [2011]

Star Dust [with Barney Haynes and Jennifer Parker]

A sound and video installation that used specific data from stars to create immersive audio and video. Grey Area Foundation for the Arts. San Francisco, CA [2011]

Memory Locations #3-7

A visual examination of the relationship of permanence, communication and technology. Specific personal memories are printed onto transparencies and then illuminated through electronic component silk screens. First Friday at Cruzio. Santa Cruz, CA [2011]

Callspace [with Redux]

An ambient sound installation designed to give a voice to rarefied space, funded by a Creative Capital grant for Emerging Fields. Machines With Magnets Gallery. Pawtucket, RI, [2010]

CathexiSpin [with Elliot Anderson, Andrew Pascoe and Dustin Raphael]

Bicycle generated electricity allowed users to interact with and mix numerous pre-recorded cassette tapes and make dynamic soundscapes. Zero01 Biennial. San Jose, CA [2010]

Production Copy

A video installation that generated a dynamic "reflection" of users in 3 dimensional renderings of mass-produced objects. Digital Arts Research Center. Santa Cruz, CA [2010]

SonicSense [with Barney Haynes and Jennifer Parker]

A reactive environment that utilized motion tracking techniques to create user-generated sound and images. MakerFaire. San Mateo, CA [2010]

Song Cycle for Joseph Marie Jacquard

Six altered music boxes render miniature, minimalist soundscapes as a physical "album" of six songs. Eagle Rock Center for the Arts. Los Angeles, CA [2009]

Tunedeaf

An Internet based piece that challenges the concept of the ownership of sound. Internet. [2008]

Root Words

A sound installation that spoke indigenous Tongvan place names triggered by natural movements of the local flora. SoniTrek. Pasadena, CA; Soundwalk. Long Beach, CA [2008]

Rain Forest [group installation]

An installation of the David Tudor sound piece in which multiple objects are affixed with transducers and suspended from above. Stevenson-Blanch Gallery. Valencia, CA [2007]

Fan Club

A sound installation of tuned computer fans equipped with contact microphones mixed via quasi-random mechanical control. SoundWalk. Long Beach, CA [2006]

Performance Highlights

Solo Performance

Ekkisens Gallery, Reykjavik, Iceland [2015]

Solo Performance

Che Café. San Diego, CA [2015]

Duo with Steven Flato

Abrash Presents #2: First Meetings. Space 4 Art, San Diego, CA [2015]

Solo Performance

Re:sound concert series. Mare Island Shoreline Heritage Preserve. Vallejo, CA [2015]

Group performance with No Fancy

Checked Out! Experimental Music Festival. Central Library, San Diego, CA [2014]

Solo performance ***Blackbox Loops***

Summary 2014 at the Studio für elektroakustische Musik. Weimar, Germany [2014]

Solo performance ***Blackbox Loops***

Soundford Gallery. London, UK [2012]

Group performance with No Fancy

Museum of Contemporary Art San Diego. La Jolla, CA [2012]

Group performance with No Fancy

San Diego Museum of Art. San Diego, CA [2012]

Interactive Performance, ***Sounding Bodies***

Soundwave (5): The Human Bionic. San Francisco, CA [2012]

Group performance with No Fancy

Wave Energy Series No.1. San Diego, CA [2012]

Duet with Aaron Reed, ***An Imposition***

Composers Workshop. UC Santa Cruz. Santa Cruz, CA [2010]

Solo performance, ***Blackbox Loops***

Digital Arts Research Center. Santa Cruz, CA [2010]

Duet with Jen Boyd

Northern California Noise Festival. Sacramento, CA [2009]

Group performance with Redux, ***Total Harmonic Distortion***

SoundWalk. Long Beach, CA [2009]

Solo performance, *The Right Angles*
Roy O. Disney Hall. Valencia, CA [2008]

Group performance with mem1
CTRL+ALT+REPEAT. Dangerous Curve. Los Angeles, CA [2007]

Group performance, *Scrubbing* by Andre Cormier
CTRL+ALT+REPEAT. Dangerous Curve. Los Angeles, CA [2005]

Solo performance, *Hete/Koude*
CTRL+ALT+REPEAT. Il Corral. Los Angeles, CA [2005]

Group performance with Redux, *Heredity Vector*
CEAIT music festival at REDCAT. Walt Disney Concert Hall. Los Angeles, CA [2005]

Group performance with Redux, *RGB SHIFT*
TenByTen Performance Lab. Koo's Art Center. Long Beach, CA [2005]

DJ, weekly two hour radio show, *Blindspot*
KILLRADIO (104.7). Los Angeles, CA [2003]

Group performances with UNIVAC:
Spaceland. Los Angeles, CA [2003, 2004]
The Echo. Los Angeles, CA, [2006]
The Derby. Los Angeles, CA [2003, 2004, 2005]
Silverlake Lounge. Los Angeles, CA [2002, 2003, 2004, 2005, 2006]
Knitting Factory. Los Angeles, CA [2003]

Group performance with Karl Fornander and Jeremy Drake
Cannibal Flower Exhibition. Saint Vibiana's Cathedral. Los Angeles, CA [2002]

Group performance with Karl Fornander and Jeremy Drake
The Miniature Show. Juvée Gallery. Los Angeles, CA [2001]

Group performance with Echo Park Free Music Ensemble
The Grand Star. Los Angeles, CA [2000]

Group performance with Roy Rob, Seemen and Survival Research Labs
Devil's Night. Los Angeles, CA [1998]

Discography

A Simple Procedure [with Jen Boyd], Estuary, Ltd. [2015]
No Fancy [S/T], Independent [2012]
mem1+1, Interval [2009]
Crash, soundLab6, netEX [2009]
Joy, Zaftig Records [2008]
rs232 remixed, Blankartists [2007]
Blankartists Sampler, Blankartists [2007]
SoundWalk CD & Catalog, FLOOD [2006]
Up Like Stairs, Down Like Smoke, Blankartists [2006]
UNIVAC EP 3, Glorious Potemkin Recordings [2005]
SoundWalk CD & Catalog, FLOOD [2005]
UNIVAC EP 2, Glorious Potemkin Recordings [2004]
Polyphonic Winter 2004 Compilation, Polyphonic Records [2004]
UNIVAC EP 1, Glorious Potemkin Recordings [2003]
45 Seconds Of..., Simballrec Recordings [2002]