

Bio

I am a media composer and installation artist. My work blends data, text, code, sound and abstract, layered moving images. My recent work has focused on creating hand-coded, generative methods for building networked, multichannel video and sound environments. I create cross-sensory, polyphonic landscapes which flow from the digital web into physical spaces.

I have a background in cello performance, mathematics, ecology, music theory and software development. The confluence of these disciplines informs my work as a composer and multimedia artist. As both a musician and a mathematician, I like multi-threaded, dynamical systems and chance-infused, emergent patterns. As a queer artist I am interested in the ways we construct personal stories / myths and the infinite, bendable between.

Awards

- **McKnight Foundation** Composer Fellowship (2020)
- **Jerome Foundation** Artist Fellowship (2019-2020)
- **Bell Museum Showcase** Artist Commission (2019-2020);
- **Northern Lights.mn** Art(ists) on the Verge Commission (2018)
- **Tweed Museum of Art** Artist Commission (2017-2018)
- **Duluth Depot Foundation** Artist of the Year (2017)
- **Minnesota State Arts Board** Artist Initiative Grant in Media (2017, 2014, 2012)
- **Minnesota State Arts Board** Creative Support for Individuals (2022, 2023)
- **Jerome Foundation** General Program Commission (2015, 2012, 2011)
- **Northern Spark** Artist Commission (2015)
- **Walker Art Center / Northern Spark** Artist Commission (2014)
- **Made Here / Hennepin Theater Trust** Artist Commission (2016)
- **American Composers Forum** JFund Commission (2013, 2009)
- **Zeitgeist New Music Ensemble** Composers Residency (2013)
- **Creative Community Leadership Institute** Fellowship (2013 - funded by the Bush Foundation and administered by Intermedia Arts)
- **Arrowhead Regional Arts Council :**
 - Artist Fellowship (2013, 2010), Career Development Grant (2020, 2016, 2014, 2011, 2009), Community Arts Learning Grant (2016), Equipment Grant (2013), Quick Start Grant (2018, 2016, 2015, 2014)
- **Puffin Foundation** Artist Grant for Video, Film or Radio (2013)
- **United States Artists Projects / Cheswaty Foundation** Matching Grant (2011)

Projects

cloud factory: the covid years

Online (<https://cloudfactory.work>). This website documents various physical exhibit opportunities that made the pivot to online access in the wake of covid closures. Several of these projects expanded physically into covid-safe billboard and postcard formats.

count map pulse breathe

A cross-media solo installation of suspended textile drawings, print books, and synchronized, spatially-distributed, generative sound and animation. Held at the Joseph Nease Gallery, December 13, 2019 - February 29, Duluth, MN, the space was also host to an artist talk, classroom visits and a dinner gathering / keynote artist lecture for attendees to the Lake Superior Design Retreat.

swarm

Travelling, cross-media installation supported by an Art(ists) on the Verge Fellowship from Northern Lights.mn, Rochester Art Center October 2019 - February 2020, Rochester, MN; Field Trials at the Food Farm's historic Free Range Film Festival barn August 2018 - September 2018, Wrenshall, MN; Lyric Center for the Arts March 2019, Virginia, MN. Swarm used generative methods to create a networked, multi-channel kaleidoscope of animation, sound and physical artifacts ::: a cross-sensory, polyphonic landscape that flowed from the digital cloud ::: across an electric web into the physical world. Eight computers rendered live, synchronized, chance-infused generative animations and sound. Thirteen 42"x84" quilted, algorithmic, textile drawings hung in clusters at a slight distance from the walls. Eight projections threw images behind and across the quilts and other surfaces. The light cast by projections revealed / concealed the textiles contours / surfaces. Books provided a static glimpse at slow frames. A companion website presented a kaleidoscope / labyrinth experience for offsite / cloud-world viewing. I was interested in the continuum of time from live animation / sound weavings through slow-code quilt production to linear book forms / scores. I sought to create a feeling of industry / swarm ::: a cross-sensory embrace or web ::: spider / ze / lure.

chance

Solo, cross-media installation, Sax Gallery at the Tweed Museum of Art, October 2017- October 2018, Duluth, MN. Chance explores the intersections between art and technology, humans and machines, networks, sound and mathematical systems. This installation includes a landscape of painted walls representing the human imprint. Multichannel sound surrounds networked machine quartets that are choreographed to draw interconnected chance-infused, emergent, and interconnected animated patterns. The computers render infinitely and are never the same. All components of the exhibition, such as the driving algorithmic code, screen images, and sounds merge into a cross-sensory experience. They evoke a sense of change, infinite flow, emergence, friction, and resonance within the enclosed space.

the duluth quantum computing project ::: storytelling in a digital age

Media installation, 8-week workshop and hands-on code / arts lab - August 1- October 1, 2016.

railway prophecies: z3r0 & br1Nk

A series of networked, interactive machine environments built for mobile, desktop and multi-channel projection. The railway prophecies incorporated a simple mobile response to "touch" and a cross-screen type / telegraph aspect that operated with or without a human typist.

z3r0 - Installation at the old Witt Marketplace on 7th & Hennepin, Hennepin Theater Trust Made Here series, December 1, 2015 - March 31, 2016, Mpls, MN

br1Nk ::: høle in the skY - Installation and sound lab in collaboration with Zeitgeist New Music Quartet at the Food Farm's new regional root cellar, March 19, 2016, Wrenshall, MN

br1Nk ::: ithaca - Immersive lecture, installation and sharing sessions for the C.P. Snow lecture series on Science and the Arts, April 14-15, 2016, Ithaca, NY

st1tch ::: night visitations - Nightly media projections, McTavish Quilting Studio, June 2016, Duluth, MN

st1tch ::: red - Collaborative digital media / quilt installation and performance, Red Herring bar, November 12, 2016, Duluth, MN

br1Nk ::: st1tch - Paint and digital media installation for the Duluth Art Institute's 61st Arrowhead Regional Biennial (an exhibit of juried work from artists across the upper midwest) - November 10, 2016 - February 11, 2017, Duluth, MN

the tempest ::: dost thou love me?

Commissioned for live performance by the University of MN, Duluth in honor of an original copy of Shakespeare's First Folio coming to Duluth, the multichannel projections provided a complete environment for a concert by the band Low at Duluth's Karpeles Manuscript Museum on October 22, 2016.

mill city requiem: for solo instrument & distance

Interactive, geolocative, multimedia installation commissioned by Northern Lights for the 2015 Northern Spark Festival.

road to williston

Multimedia installation for the Plains Art Museum's exhibit "The Bakken Boom: Artists Respond to the North Dakota Oil Rush" January 29, 2015 - August 15, 2015, Fargo, ND.

graffiti angel in sophronia

Interactive, multimedia installation commissioned by the Walker Art Center and Northern Lights for the 2014 Northern Spark Festival. Appeared dusk until dawn in the Medtronic Gallery at the Walker Art Center June 14-15, 2014 with companion online collaborative story / netprov. An interactive mobile site gave visitors access to write across the generated projections. This project also toured to the Free Range Film Festival barn in Wrenshall, MN on August 3, 2014 and to the old Duluth Railroad Depot on September 11, 2014.

høle in the skY

This work for Zeitgeist New Music Quartet was released online and in performance in the Spring of 2014. The original sketch for this project grew out an opportunity to participate in the 2013 Zeitgeist New Music Quartet Composer Workshop. An animated, open, shifting score, høle in the skY envelops the four musicians in a text / video / minimalist sound installation. The story arc references planetary climate change / extinction. Sound samples / core samples from the composer workshop were layered into a series of artifacts in 2013. They became a sort of geologic record / layered memory - part of an emergent, cinematic story.

høle in the sky - May 16-18, 2014, Studio Z, Mpls, MN

høle in the sky / Zeitgeist Composers Residency - June 2-6, 2013, Studio Z, Mpls, MN

origin of birds

The "origin of birds" was a multimedia installation and interactive website created by a film generator that I call the "graffiti angel." The origin of birds mixed image, sound, climate data, text and a live twitter stream to create a video collage. The installation included multiple projections, a companion book and a mobile writing portal that

allowed viewers to write directly across the projections and to create a co-authored stream together. Live cello and live text feed from poets were added to the mix at the opening on April 11, 2014.

origin of birds - April 11-26, 2014, Prøve Gallery, Duluth, MN

origin of birds - May 17, 2014, Studio Z, Mpls, MN

radiø plutø

Radiø plutø was a wandering, 6-month, episodic exhibit. The project connected 7 spaces, 4 filmmakers, 6 visual artists, 3 sound artists, 3 languages and 6 writers. I developed this work out of an artist's residency at the Prøve Gallery in Duluth. As the installation artist / orchestrator, I created hours of sound and video footage to weave together spoken word, musical score and text. These installations reflected each other but were all unique. Each exhibit was centered in its own landscape and incorporated the work of at least one artist chosen to represent the specific site. Radiø plutø installations were immersive, multi-channel sound and video environments. They engaged with the buildings they inhabited and often incorporated 2D / 3D components and live spoken poetry / musical performance.

radiø plutø / løøø - October 3-31, 2013, Lyric Art Center, Virginia, MN

radiø plutø / løøø - October 11, 2013, Gimaajii Mino Bimaadizyann and the Prøve Gallery, Duluth, MN

radiø plutø / red star - July 23, 2013, Red Star, Duluth, MN

radiø plutø / carbon chroma - June 22, 2013, CarbonChroma Gallery, Mpls, MN

radiø plutø / the gardner høtel - May 10, 2013, Phantom exhibit / abandoned building, Duluth, MN

night train / red dust & the origin of red

These related projects were collaborations with Duluth poet Sheila Packa. Both resulted in live, multimedia performances with video projection, a stream of spoken poetry, improvisational cello and a companion web presence. Text was drawn from Sheila's manuscript "Vermilion Trail" about Minnesota's Iron Range.

night train / red dust - August 1-11, 2013 (5 Performances) at Intermedia Arts as part of the Fringe Festival, Mpls, MN and May 13, 2013 at The Underground, Duluth, MN

origin of red - February 16, 2013, Two Harbors Public Library, Two Harbors, MN

holy fool & the graffiti angel

The graffiti angel was an early exploration of generative film in cinematic settings and in physical installation. Holy fool was a live cello performance embedded in a multimedia installation.

holy fool - November 9, 2012, Sacred Heart Music Center, Duluth, MN

graffiti angel: blue, graffiti angel: birdland - October 12 - 26, 2012, Prøve Gallery, Duluth, MN

graffiti angel / infinity part 1 - September 13-14, 2012, Zinema 2 Movie Theater continuous, self-generating film on large screen and companion Ochre Ghost gallery installation, Duluth, MN

graffiti angel triptych: iowa #1, iowa #2, i remember death, honey - August 10 - 24, 2012, Prøve gallery installation as part of the show "The Crucible / Essays in Heat", Duluth, MN

firebird / last dream - Summer, 2012, with vocalist Viv Corringham - Flyway Film Festival and the Duluth Superior Film Festival; **graffiti angel short** - 2012, Flyway Film Festival, Pepin, WI

night train / blue window

Multimedia performance with companion book / dvd, April 19, 2012, Prøve Gallery, Duluth, MN

birdland

Duluth Art Institute solo show January 18-April 8, 2012 (Multi-channel video and sound installation with companion book / dvd / cd and web gallery)

cruzando / crossing

Storefront multimedia installation in the old Androy Hotel with collaborators Sheila Packa (poet) and Cecilia Ramón (sculpture and Spanish translations). Phantom Galleries Project, February 1-June 1, 2012, Superior, WI.

migrations

Storefront multimedia installation in the old Androy Hotel as part of the Phantom Galleries project - October 2011 - January 2012, Superior, WI. This was coupled with a multimedia performance (spoken word, cello and video projection) celebrating the release of an anthology of regional writers by the same name at six venues throughout northern MN and Wisconsin, October - November, 2011.

light / factory

Live music with multiple, integrated projections for the Sound Unseen Film Festival at the Sacred Heart Music Center, June 8, 2011, Duluth, MN

last bird & sea

This performance included film and cello performance by myself in collaboration with Viv Corringham (voice) and Paul Cantrell (piano) for the American Composers Forum Salon at Studio Z, May 17, 2011, St. Paul, MN

women of the kalevala: skylark on a stone

Spoken word, film and cello performance (with poets Sheila Packa, Kirsten Dierking, and Diane Jarvi) at the Open Eye Theater - February 27, 2011, Mpls, MN

fire / bird

Multimedia cello performance at Beaners Central - April 22, 2011, Duluth, MN

river icarus: rusted bridge / deep water

Work for cello / film with companion cd - September 18, 2010: Hennepin Avenue United Methodist Church (Mpls, MN), October 16, 2010: Lyric Theater (Virginia, MN), November 5, 2010: Sacred Heart Music Center (Duluth, MN), November 10, 2010: Winona State University Studio Arts Department community drawing session (during performance - Winona, MN)

cloud birds

Spoken word, cello and immersive film for the poet laureate inaugural reading by Sheila Packa at the Weber Auditorium, October 3, 2010, Duluth, MN

ladders / windows

Multimedia performance with Adam Sippola at Teatro Zuccone, August 28, 2010, Duluth, MN

Film festivals:

br1Nk (2016 - MN State Arts Board Film Festival), **Loom** (2012 - shown at the Pluto Festival in Belgium), **graffiti angel** (2012 - shown at the Flyway Film Festival, WI), **firebird / last dream** with vocalist Viv Corringham (2012 - shown at the Flyway Film Festival and the Duluth Superior Film Festival), **i was sky** and **celluloid afterlife** with poet Sheila Packa (2012 - shown at the Duluth Short Film Festival), **black iris** with poet Sheila Packa (2011 - shown at the Vancouver Visible Verse Film Festival, Vancouver, BC), **immersion** with poet Sheila Packa (2010 -

shown at the Duluth Short Film Festival and at the Co-Kisser Poetry / Film Festival at the Minneapolis College of Art and Design), **birdland 1** (2010 - shown at the 2011 Free Range Film Festival)

Sound journals / albums

solo cello / found sound recordings

tone row cranes (2012), birdland (2011), i was looking for you (2011), resistance (2011), compression: 60 seconds (2010 - for the 60x60 competition), bent / hOwl (2010), holy fool (2010), ahab's dream (2010 - recently used behind a local production of "Hamlet"), man with a movie camera film score (2010), the sound of everyday objects (2010), breathe / oil (2010), accordion music (2010), ocean | wind | grief (2010), iron, glass, noise (2010), what is 6 minutes? (2010), nyx (2010), radio pluto (2010), klikt / response (2010), river icarus: rusted bridge / deep water (2010), between2deserts / one (2010), between2deserts / the swan (2010), graffiti tunnel (2010), graffiti / 2 hands (2010), photosynthesis (2010), north sea (2009), subway icarus / last dream (2009), cloth (2008), winged instrument (2008), cave drawings (2008), love meditations (2008), crane language (2008), the infinite between (2007), night language (2007), lines (2007), dusk filaments (2007), rain clouds (2007), summer 06 (2006), noise2peace (2006), 4 strings (2006), i meant to say ... (2006)

wildwood river sound recordings (with poet Sheila Packa)

correspondence 2: in translation (2011 - published in qarrrsiluni), correspondence 1: i said i (2011), undertow (2010), echo & lightning (audio improv sketches 2009), fearful journey (2008), dear bird (2006), wildwood river short poetry films: my geology (2014), vestiges (2014), map to cloud mountain (2012 with Cecilia Ramón), velocity (2011), two worlds (2011), eurydyce (2011), loom (2011), was it I (2011), celluloid afterlife (2011), black iris (published at movingpoems.com 2011), immersion (2010)

cosmic pit orchestra (with Richie Townsend on electric guitar)

hOwL 1 (2009), edge of peace collection (2008), industrial collection (2008), red queen diaries (2007), caught you falling (2007), primordial dreaming (2007), dreamtime (2007), twisted & frayed (2006), grief & love (2006), gossiping dolphins (2006)

scores for film

12 Moons: a monthly videopoem collaboration with Marc Neys and Erica Goss presented by Atticus Review in 2014 and shown the Zebra Poetry Film Festival (Berlin, Germany), Propolis: a videopoem tryptich with Marc Neys (2011), commissioned 15-second surround sound pieces to showcase the Walker Art Center's new Cinema, 24 Postcards by Garrett Tiedemann (2011 - available online and soundtrack released through American Residue Records), "Hands" written for Life of Riley by 4-Track Films (2011), recorded + live sound for Vertov's 1929 Soviet silent film "Man with a Movie Camera" (2010 - shown at Duluth's Zinema 2)

other recording projects

My work or the work of the cosmic pit orchestra has been used behind a number of projects including those by Andy Underwood, (Walker Art Center Midnight Party, Walker Art Center Upside Down City by Claes Oldenburg, Walker Inside Out / Art Goes Outdoors: a celebration of the Minneapolis Sculpture Garden's 20th Anniversary), Marc Swoon Bildos Neys, Dudley Edmundson, Patrick Eller, Garrett Tiedemann and others. I have recorded with numerous other musicians / bands including Sara Thomsen, Low, the three Altos, Yeltzi, Sara Softich and Equal Xchange.

Education

- Ph.D. coursework in Theoretical Ecology and Scientific Visualization (all but dissertation), University of Minnesota
- M.S. Applied Mathematics (Ecological Modeling), University of Minnesota
- B.S. Mathematics (Economics minor) - University of Minnesota, Duluth
- Sign Language Interpreting Certificate, St. Paul Technical College
- The School of Impermanence - self-designed curriculum in Music Theory, Digital Media, Poetics (funded by the Jerome Foundation)
- Independent study in cello performance and composition, arts and culture, liberal studies

Panels / Residencies

- Duluth Art Institute Exhibition Panel (2017)
- Minnesota State Arts Board Arts Tour Panel (2016)
- Arteles Creative Residency Program, Hämeenkyrö, Finland (2015)
- Twin Ports Arts Align (2012-2013)
- Twin Ports Creative Community Leadership Institute (2013)
- Prøve Gallery Artist in Residence (2013)
- Jerome Travel Grant Panel (2011)
- Arrowhead Regional Arts Commission Fellowship Panel (2014)
- American Indian Community Housing Gallery Artist Advisory Board (2012-2015)

Teaching Experience

I generally pair my art installation work with companion opportunities for community engagement. This takes many forms from hands-on workshops, artist talks, classroom visits, individualized tours and companion collaborative projects. I seek opportunities to bridge sectors and create collaborative networks in my community.

I served as a Studio Artist-Mentor for Vermont College of Fine Arts (2019), was an invited lecturer at Perpich Arts High School (2018), was the C.P. Snow Annual Lecturer on Arts and Science at Ithaca College (2016), created and led a media installation, 8-week workshop and hands-on code / arts lab - (Duluth Quantum Computing Project ::: Storytelling in a Digital Age, August / September,, 2016).

I have taught students from diverse backgrounds music theory, cello performance, composition, cross-media art forms, code / software design and mathematics. As a tutor, teacher, mentor and ASL interpreter I have served as a bridge in a wide range of learning environments.