

Ted Moore

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Composer, Improviser, Intermedia Artist, Educator

EDUCATION

2021	<i>PhD</i> , Music Composition University of Chicago Studied with Sam Pluta, Anthony Cheung, & Augusta Read Thomas	Chicago, IL
2011	<i>Master of Arts</i> , Music Composition Truman State University Studied with Charles Gran & Warren Gooch	Kirksville, MO
2009	<i>Bachelor of Arts</i> , Music (Philosophy minor) <i>cum laude</i> Luther College Composition studies with Brooke Joyce	Decorah, IA

POSTDOCTORAL RESEARCH

Postdoctoral Research Fellow in Creative Coding on the *FluCoMa* project University of Huddersfield, UK

September 2021 – August 2022

The Fluid Corpus Manipulation project (FluCoMa) enables techno-fluent musicians to integrate machine listening and machine learning in their creative practice within Max, SuperCollider, and Pure Data. While working on the project I developed pedagogy and learning resources, taught workshops, built community through knowledge sharing and creative inspiration, and lead the thinking on the SuperCollider interface design, help-files, and SuperCollider-specific tools.

PRIMARY INSTRUCTOR Teaching & Academic Leadership

2023	<i>Teaching Residency</i> : Computer Music (one-week)	Peabody Institute at Johns Hopkins Univ.
2022	<i>Primary Instructor</i> : Computer Music & Multimedia I - Introduction to instrument design & performance with Max - Mix of music majors and computer science majors	Virginia Tech Univ.
2020	<i>Primary Instructor</i> : Elec. Music I: Composing with Sound - Musique concrète, modular synthesis, and Reaper DAW	Univ. of Chicago
2017 – 2020	<i>Academic Dean</i> : The Walden School (Summer Music Program) - Curriculum development - Train faculty in pedagogy and course design - Administration of school-wide pedagogical events	Dublin, NH
2011 – 2019	<i>Faculty</i> : The Walden School (Summer Music Program) - Courses Taught include: Electronic music, Musique Concrète, Composition, Algorithmic Music, Musicianship, and SuperCollider	Dublin, NH

2014 – 2017	<i>Adjunct Faculty:</i> McNally Smith College of Music - Sound Design curriculum including analog synthesis, digital sampling, and Reason DAW	St. Paul, MN
2014 – 2017	<i>Faculty:</i> Slam Academy (Community Music School) - Individual and classroom instruction - Music composition including various popular styles - Audio production including recording techniques, and hardware & software studio tools - Ableton Live DAW	Minneapolis, MN
2014 – 2017	<i>Composition Faculty:</i> MacPhail Center for Music (Community Music School) - Individual and class instruction in the materials & design of music in various styles including classical & popular music - All ages, beginner to advanced levels	Minneapolis, MN
2015 – 2016	<i>Music Instructor:</i> Integrated Arts Academy (High School) - “Rock Band” Class: music fundamentals, instrumental instruction (guitar, bass guitar, keyboards, singing), and small group performance (trios & quartets) of popular music repertoire	Chaska, MN
2012 – 2015	<i>Adjunct Faculty:</i> Art Institutes International (College) - Courses Taught: MIDI Systems I & II, Listening & Analysis, Audio Technology I & II, Music Theory I & II, Synthesis & Sound Design I & II, and Music Appreciation - Topics Taught: Max, SuperCollider, synthesis, instrument building, ProTools DAW, Reason DAW, MIDI hardware, sampling libraries (EastWest), popular music production techniques, Moulton Golden Ears, digital & analog audio technology theory, microphone & recording techniques, hardware & software studio technology, music theory for popular music production students	Minneapolis, MN
2014 – 2015	<i>Music Instructor:</i> St. Paul High School of Recording Arts - Individual and small group guitar lessons	St. Paul, MN
2009 – 2011	<i>Primary Instructor:</i> Aural Skills I & II	Truman State Univ.
2009 – 2011	<i>Faculty:</i> Dorian Summer Music Camps - Individual and classroom instruction in music composition - Beginner to advanced teens	Decorah, IA

COURSE ASSISTANT Teaching

2020	<i>Course Assistant:</i> Intro. to Music: Analysis & Criticism <ul style="list-style-type: none"> - Assisted primary instructor Berthold Hoeckner - Many non-music students from across the University - Small group instruction in listening & critical analysis - Writing support 	Univ. of Chicago
2019	<i>Course Assistant:</i> Electronic Music II: SuperCollider <ul style="list-style-type: none"> - Assisted primary instructor Sam Pluta - Many non-music students from across the University - Individual and class instruction - No prior coding knowledge required 	Univ. of Chicago
2019 – 2020	<i>Studio Assistant:</i> CHIME Studio	Univ. of Chicago
2009 – 2011	<i>Teaching Assistant:</i> <ul style="list-style-type: none"> - Aural Skills III & IV (classroom & small group instruction), 18th century counterpoint (classroom & small group instruction), and Orchestration & Instrumentation (classroom & small group instruction) 	Truman State Univ.

AWARDS, HONORS, & RESIDENCIES

2023	<i>Winner:</i> Browser Sound Commission Competition	Stuttgart, DE
2022	<i>Composer-in-Residence:</i> PHONOS Foundation	Barcelona, ES
2021	<i>Selected Work:</i> Score Follower: <i>triangle</i>	
2021	<i>Second Place:</i> Robert Avalon Comp., Foundation for Modern Music	Houston, TX
2021	<i>Honorable Mention:</i> Lake George Mus. Fest. Composition Competition	Queensbury, NY
2020	<i>Winner:</i> National Sawdust Composer Competition	New York, NY
2020	<i>Featured Work:</i> Score Follower: <i>tap</i>	
2020	<i>Finalist:</i> [Switch~ Ensemble] Commissioning Prize	New York, NY
2019	<i>Composer-in-Residence:</i> Arts, Sciences, & Culture Initiative	Univ. of Chicago
2018	<i>Finalist:</i> Mivos Quartet, Kantor String Quartet Composition Prize	New York, NY
2018	<i>Artist-in-Residence:</i> STEIM (STudio for Electro-Instrumental Music)	Amsterdam, NL
2017	<i>Composer-in-Residence:</i> Zeitgeist Composer Workshop	St. Paul, MN
2016	<i>Featured Work:</i> Score Follower: <i>if two things...</i>	
2015	<i>Composer-in-Residence:</i> Kimmel Harding Nelson Center for the Arts	Nebraska City, NE

COMMISSIONS

2023	Browser Sound Festival: with the DigiScore Research Project	Stuttgart, DE
2022	PHONOS Foundation: <i>sine</i> , multichannel audio	Barcelona, ES
2022	Dana Jessen: <i>DJII</i> : Improvisation Software	Oberlin, OH
2021	Ensemble Suono Giallo: <i>noise/gate</i> , for double bass, tape, & video	Città di Castello, Italy
2021	[Switch~ Ensemble]: <i>quartet</i> , for flute, percussion, piano, cello, & video	New York, NY
2020	National Sawdust: <i>triangle</i> , for string quartet & tape	Brooklyn, NY
2020	HOCKET: <i>apsis ii</i> , for piano four hands & tape	Los Angeles, CA

2020	Line Upon Line: <i>for line upon line</i> , video	Austin, TX
2020	Chicago Civic Orchestra: <i>hold</i> , tape	Chicago, IL
2019	Dana Jessen & Erica Dicker: <i>crunch</i> , for bassoon, violin, & tape	New York, NY
2019	Evan Fowler: <i>squall</i> , for trumpet & tape	Iowa City, IA
2019	Line Upon Line: <i>tap</i> , for percussion trio, tape, lights, & video	Austin, TX
2019	Kyle Hutchins: <i>column</i> , for saxophone, HDLA, & lights	Virginia Tech Univ.
2017	Scott Miller: <i>Solstice Orrery</i> , video design	Minneapolis, MN
2017	Patti Cudd: <i>still motion</i> , percussion & live video sampling	Minneapolis, MN
2017	Joey Brink: <i>the curve is exponential</i> , carillon & tape	Univ. of Chicago
2017	Splinter Reeds & Walden School: <i>feedback vii: speak, contain</i>	Dublin, NH
2016	Quince Ensemble & Walden School: <i>only that there's a secret</i>	Dublin, NH
2016	LoSo: <i>APSiS</i> , for flute, cello, percussion, saxophone, electronics, & video	Minneapolis, MN
2016	Jeremy Johnston: <i>it teaches us that it doesn't exist</i> , for feedback cymbal	Minneapolis, MN
2015	Dream Songs Project: <i>FEATHERMUCKER</i> , for voice, guitar, & tape	Minneapolis, MN
2015	ICE & Walden School: <i>thread fork thread</i> , for flute, viola, perc., sax.	Dublin, NH
2015	The Poem is Done Ensemble: <i>if two things...</i> , for voice, sax., & elec.	Minneapolis, MN
2014	Skewed Visions Theater: <i>eclipse</i> , for saxophone, electronics, & video	Minneapolis, MN
2014	Spektral Quartet & Walden School: <i>samara</i> , string quartet & alto flute	Dublin, NH
2014	Spitting Image: <i>leviathan</i> , for bass clarinet, electronics, & vases	Minneapolis, MN
2014	Yarn/Wire & Walden School: <i>eyes may be impaired</i>	Minneapolis, MN
2013	RenegadeEnsemble: <i>is himself no more</i> , for saxophone & electronics	Minneapolis, MN
2013	AVIDduo: <i>deepities</i> , for saxophone & flute	Denton, TX
2013	Cedar Cultural Center: <i>Gilgamesh & Enkidu</i> , for string quartet & elec.	Minneapolis, MN
2012	RenegadeEnsemble: <i>ice, water</i> , for clarinet	Minneapolis, MN

selected **LIVE ELECTRONICS IMPROVISATIONS**

5/7/2023	Trio with Emily Beisel & Bill Harris	Never Ending Books, New Haven, CT
4/8/2023	Duo with Luke Rovinsky	Orchard Street, New Haven, CT
4/5/2023	Duo with Matthew Ostrowski	Shift, 411 Kent, Brooklyn, NYC
3/8/2023	Duo with Nina Guo	Century Bar, Philadelphia, PA
1/14/2023	With German Bringas, Don Malfon, Carlos Alegre, Alex Motta, Pablo Rubio Vargas, & Baal Inthy	Jazzorca, Mexico City
7/9/2022	Duo with Nina Guo	K77 Studio, Berlin
7/1/2022	Trio with Kyle Hutchins & Seth Davis	SKRONK, London, UK
5/19/2022	With Ángel Faraldo, Clara Lai, & Ferran Fages	Soda Acústic, Barcelona
4/4/2022	Duo with Ben Opie	Carnegie Mellon Univ. IDeATe Media Lab
3/17/2022	Duo with Inga Margrete Aas	MIR, Oslo, Norway
11/13/2021	Duo with Anne La Berge	Splendor Amsterdam, NL
7/29/2021	Trio with Alípio Neto & Ermanno Baron	American Academy in Rome, Italy
5/20/2021	Duo with Fabrizio Spera	American Academy in Rome, Italy
1/18/2020	Duo with Weston Olencki	Slate Arts, Chicago, IL
11/18/2019	Tonia Ko, Olivier Stankiewicz, & Benedict Taylor	Hundred Years Gallery, London, UK
11/14/2019	Trio with Anne La Berge & Yung-Tuan Ku	de Ruimte, Amsterdam, NL

10/21/2019	Option Series: Trio with Kyle Bruckmann & Macie Stewart	Experimental Sound Studio, Chicago, IL
10/9/2019	Que4 Radio: Duo with Emerson Hunton	Chicago, IL
10/4/2019	With Lauren Hayes, Daniel Wyche, & Sarah Plum	Slate Arts, Chicago, IL
8/8/2019	Duo with Tom Weeks	Center for New Music, San Francisco, CA
3/29/2019	With Katie Young, Dana Jessen, & Erica Dicker	Elastic Arts, Chicago, IL
3/22/2019	Duo with Tonia Ko	Impromptu Fest, Guarneri Hall, Chicago, IL
7/16/2018	Duo with Yung-Tuan Ku	Internationales Musikinstitut, Darmstadt, DE
7/5/2018	Duo with Yung-Tuan Ku	STEIM, Amsterdam, NL
10/27/2017	Duo with Tim Aubuchon	North Star Music Festival, Truman State Univ.
3/19/2017	Trio with Jacqueline Ulton & Scott Miller	Ars Electroacoustica, Minneapolis, MN
10/26/2016	Duo with Kyle Hutchins as Binary Canary	Fort Lewis College, Durango, CO
5/22/2016	Duo with Katie Condon (with silent film, <i>Berlin</i>)	MacPhail Center for Music, Minneapolis, MN
3/15/2016	Quartet with Jorrit Dijkstra, Nathan Hanson, & Scott Miller	Ars Electroacoustica, Reverie, Minneapolis, MN
1/17/2016	Trio with Dan Lippel & Scott Miller	Ars Electroacoustica, The Nicollet, Minneapolis, MN
11/15/2015	Trio with Elaine Evans & Scott Miller	Ars Electroacoustica, Honey, Minneapolis, MN
10/18/2015	Trio with Davu Seru & Scott Miller	Ars Electroacoustica, Honey, Minneapolis, MN
5/31/2015	Binary Canary album release show for <i>click/blow</i>	Honey, Minneapolis, MN

*As a regularly gigging performer, this list is necessarily incomplete.
For a full list, please visit tedmooremusic.com/performances-appearances.*

SOUND ART INSTALLATIONS using DIY ELECTRONICS

Aluminum Forest (2021) site-variable sound art installation of automated wind chimes

- Created in collaboration with composer Katherine Balch
- American Academy in Rome, Villa Aurelia, Rome, Italy, 5/20/2021
- SEAMUS 2021 Online Conference, 4/24/2021

attackSUSTAINrelease (2012) installation for suspended speakers, sound, water, & DMX lights

- New York University, New York, NY, February 2018
- Studio 300 Festival, Transylvania University, Lexington, KY, October 2017
- St. Paul Public Library, St. Paul, MN, 6/15/2013
- Hack Factory, Minneapolis, MN, 4/13/2013
- CCRMA Sound Art Installation Workshop, Stanford University, Palo Alto, CA, June 2012

INTERMEDIA PROJECTS & THEATER / DANCE collaborations

- 2021 Katherine Balch, composer: video design for *forgetting*
- 2019 University of Chicago: sound design for *BODYTALK* (dance production)
- 2018 University of Chicago: sound design for *The Broken Jug* (theater production)
- 2017 Walker Art Museum, Skewed Visions: conception, sound, & video artist for *APPETITE*
- 2017 Scott Miller, composer: video design for *Solstice Orrery*
- 2017 Cathrine Dalton, composer: sound design for *Bluets*
- 2016 Umbrella Collective Theater: music for *June*
- 2016 Eric F. Avery, performance artist: custom voice modulation software
- 2016 Blake Nellis, choreographer: music for *Mad Minute*
- 2015 Umbrella Collective Theater: sound design for *These Are The Men*
- 2014 Hannah Holman, theater artist: conception, sound, music, & production of *Persephone*
- 2014 Eric F. Avery perf. artist: sound design, music, & sound installation *Minneapolis*³
- 2014 Blake Nellis, choreographer: music for *HWY 57* (dance production)
- 2014 Umbrella Collective Theater: sound design & music for *Rapture*
- 2014 Megan Clark, theater artist: sound design for *Body House*
- 2013 Umbrella Collective Theater: music director for *Leaves*
- 2013 Minnesota Fringe Festival: sound design for *Rules of Love*
- 2013 Umbrella Collective Theater: sound design & music for *Rain Follows the Plow*
- 2013 Umbrella Collective Theater: sound design for *Emma Woodhouse*
- 2012 Nautilus Music-Theater: sound design for *The View From Here*
- 2012 Freshwater Theater Company: sound design for *Since the Kids are Gone*
- 2012 Nautilus Music-Theater: sound design for John Cage's *Europera 5*
- 2012 Umbrella Collective Theater: sound design & music for *Care Enough*
- 2011 Nautilus Music-Theater: sound design for *Joan of Arc*

RECORDINGS & RELEASES

- 2023 *Nuclear Sonic Fusion* (Mother Brain Records): Live improvisations Alípio C. Neto & Ermanno Baron
- 2022 *Live In London* (Mother Brain Records): Live improvisations with Kyle Hutchins and Seth Davis
- 2022 *#What2020SoundsLike*: HOCKET piano duo performs *apsis ii* for piano four hands and tape
- 2022 *Live at The Black Dog* (Avid Sound Records): improvisations with Hanson, Hutchins, & Miller
- 2021 *Banana Split* (Noise Pelican Records): improvisations w/ Kyle Hutchins as Binary Canary
- 2021 *Make Noise Myanmar 2*: improvisation w/ Kyle Hutchins as Binary Canary & Alex Christie
- 2021 *still motion* (Sideband Records): featuring *still motion*
- 2020 *bruit* (Carrier Records): duo & trio improvisations featuring Ted Moore with collaborators
- 2020 *fragile*: features collaboration track with Pincushioned Duo
- 2020 *Ripple Effects* (UChicago Arts): featuring *the curve is exponential* for carillon & tape
- 2019 *iterative systems* (Carrier Records): improvisations w/ Kyle Hutchins as Binary Canary
- 2018 *FEATHERMUCKER* (AVID Sound Records): featuring guitar & voice duo The Dream Songs Project
- 2017 *BC+1* (AVID Sound Records): trio improvisations featuring Binary Canary & guests
- 2017 *Raba* (New Focus Recordings): includes video design for Scott Miller's tape composition *Solstice Orrery*
- 2016 *Gilgamesh & Enkidu* (Ravello Records): string quartet & electronics
- 2015 *click/blow* (Avid Sound Records): improvisations w/ Kyle Hutchins as Binary Canary
- 2015 *History is Going to Change* (Avid Sound Records): featuring *leviathan*, bass clarinet & electronics
- 2014 *Interactions* (Avid Sound Records): featuring *deepities*, saxophone & flute, recorded by AVIDduo

WRITING, PUBLICATIONS, & CONFERENCE PAPERS

2023	“Serge Modular Archive Instrument (SMAI): Bridging Skeuomorphic & Machine Learning Enabled Interfaces”	NIME 2023 Proceedings
2022	“FluCoMa for Pedagogues”	A guide to teaching FluCoMa
2022	“Expression, Collaboration, and Intuition”	<i>Wet Ink Archive</i> No. 6
2022	“Architecture about Dancing: Creating a Cross Environment, Cross Domain Framework for Creative Coding Musicians” (Co-Author)	<i>Psychology of Programming Interest Group</i>
2021	“Polynomial Functions in Zuraj’s <i>Changeover</i> ”	<i>Perspectives of New Music</i> Vol. 59 No. 1
2021	“Human and Artificial Intelligence Alignment: AI as Musical Assistant and Collaborator”	PhD Research Univ. of Chicago

RESEARCH PRESENTATIONS

2023	New Interfaces for Musical Expression (NIME): <i>Serge Modular Archive Instrument (SMAI): Bridging Skeuomorphic and Machine Learning Enabled Interfaces</i>	Centro de Cultura Digital, Mexico City
2023	Open Music Initiative: <i>Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space</i>	Yale University
2023	SEAMUS: <i>Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space</i>	New York University
2023	Music Techology Pedagogy Summit: <i>Making Machine Learning Musical: Reflections on a Year of Teaching FluCoMa</i>	Westminster College, Salt Lake City, Utah
2022	Creative Coding Lab Symposium	Univ. of Huddersfield
2022	<i>Workshop Leader</i> : International Computer Music Conference (ICMC): <i>Teaching Critical Machine Listening and Machine Learning with FluCoMa</i>	Univ. of Limerick, Ireland
2022	Unsupervised Conference: <i>Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians</i>	RNCM & Univ. of Manchester, Manchester, UK
2022	PHONOS Foundation: <i>Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians</i>	Universitat Pompeu Fabra, Barcelona
2022	Society for Electroacoustic Music in the United States (SEAMUS): <i>Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians</i>	Western Michigan Univ.
2021	Digital Media Workshop: <i>Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians</i>	Univ. of Chicago
2021	Music in the Information Age: <i>Traveling Salesperson Problem Algorithms for Gesture, Phrase, and Form Generation</i>	Univ. of Calgary
2020	Talking Free Music	Virginia Tech Univ./ Rowan Univ.
2020	CHIMEFest 2020: <i>Interference Patters: analysis of interacting feedbacks in “hollow”</i>	Univ. of Chicago
2020	Spatial Music Workshop Reunion: <i>Non-negative Matrix Factorization for Spatial Music Composition</i>	Virginia Tech Univ.

2019	FluCoMa Plenary Session: <i>Preserving User-Defined Expression through Dimensionality Reduction</i>	Univ. of Huddersfield
2019	Digital Media Workshop: <i>Machine Learning Applications for Live Computer Music Performance</i>	Univ. of Chicago
2019	CHIMEFest 2019: <i>Approaches to Live Performance & Composition with Machine Learning & Music Information Retrieval Analysis</i>	Univ. of Chicago
2016	<i>Performance & Lecture: Software Design for Expressive Laptop Improvisation</i>	Fort Lewis College, Durango, CO
2016	<i>Performance & Lecture: Software Design for Expressive Laptop Improvisation</i>	Univ. of North Texas
2014	<i>Performance & Lecture: Software Design for Expressive Laptop Improvisation</i>	Univ. of Wisconsin La Cross

selected **SOFTWARE** projects & collaborations

code available on github.com/tedmoore.

2022	<i>Serge Modular Archive Instrument</i> in collaboration with Jean Brazeau at Simon Frasier University (SuperCollider/C++)
2022	<i>DJII</i> improvisation software commissioned by improviser Dana Jessen for incorporating in her performance practice (SuperCollider)
2019	Music Information Retrieval toolkit (SuperCollider)
2017	Live video and audio sampler for live performance (used in my composition <i>still motion</i> and other performances) (C++)
2017	Voice Modulator commissioned by Eric F. Avery for his original production <i>The Life and Death of Eric F. Avery</i> (SuperCollider)
2016	<i>Microtonal Keyboard</i> Commissioned by composer Katherine Balch (SuperCollider)
2012 - Present	Module Tensor (Live Laptop Improvisation Instrument, SuperCollider)

FESTIVALS, CONFERENCES, & WORKSHOPS

2023	New Interfaces for Musical Expression (NIME)	Mexico City
2023	Society for Electroacoustic Music in the United States (SEAMUS)	New York University
2023	Performing Media Festival	Indiana University South Bend
2023	Line Upon Line Winter Festival	Austin, TX
2022	New Music + Technology Festival	Virginia Tech Univ.
2022	IRCAM Forum	NYU & Columbia Univ.
2022	<i>Researcher</i> : Unsupervised Conference	RNCM & Univ. of Manchester
2022	<i>Researcher</i> : International Computer Music Conference (ICMC)	Univ. of Limerick, Ireland
2022	<i>Researcher</i> : Society for Electroacoustic Music in the United States	Western Michigan Univ.
2022	Electric Spring	Univ. of Huddersfield
2021	Southwest Electronic Music Festival	Arizona State Univ.
2021	EAR TAXI FESTIVAL	Chicago, IL
2021	TURN UP Multimedia Festival	Univ. of Arizona
2021	ilSuono Contemporary Music Week	Città di Castello, Italy
2021	Earth Day Art Model	Indiana Univ.-Purdue Univ.
2021	SEAMUS 2021 Online Conference	

2021	BEAST FEaST	University of Birmingham
2020	Charlotte New Music	Charlotte, NC
2020	Victoria Bach Festival	Victoria, TX
2020	<i>Director</i> : CHIMEFest: <i>CIRCULATIONS</i>	Univ. of Chicago
2019	Neural Networks for Music	Stanford University (CCRMA)
2019	South by Southwest: Line Upon Line performs <i>tap</i>	Austin, TX
2019	New Music Chicago Impromptu Fest	Chicago, IL
2019	MOXsonic	Warrensburg, MO
2019	N_SEME	University of Virginia
2019	Line Upon Line Winter Composers Festival	Austin, TX
2019	CHIMEFest	Univ. of Chicago
2018	SPLICE Festival	Bowling Green, OH
2018	Western Michigan University	Kalamazoo, MI
2018	Pittsburgh New Music Festival	Pittsburgh, PA
2018	Spatial Music Workshop at The Cube	Virginia Tech Univ.
2018	World Saxophone Congress	Zagreb, Croatia
2018	SPLICE Festival	Bowling Green State Univ.
2018	Omaha Under the Radar	Omaha, NE
2018	New York City Electroacoustic Music Festival	NYC, NY
2018	<i>Darmstadt Open Space</i> : Internationale Musikinstitut Darmstadt	Darmstadt, Germany
2018	Music Information Retrieval Workshop	Stanford University (CCRMA)
2018	BEAMS Marathon Festival	Brandeis University
2018	CHIMEFest	Univ. of Chicago
2018	University of Chicago Carillon Festival	Univ. of Chicago
2018	NUNC3	Northwestern Univ.
2018	MOXsonic	Warrensburg, MO
2018	Precarious Sounds // Sounding Sanctuary	New York Univ.
2017	Iowa Composers Forum Festival	Decorah, IA
2017	Society for Electroacoustic Music in the United States	St. Cloud, MN
2017	North Star Music Festival	Truman State Univ.
2017	<i>Installation Artist</i> : Studio 300 Digital Art & Music Festival	Lexington, KY
2017	Lipa Festival	Ames, IA
2017	Reembodied Sound: Transducer Conf.	Spectrum, NYC
2017	Root Signals	Georgia Southern Univ.
2016	NYC Electroacoustic Music Festival	New York, NY
2016	North American Saxophone Alliance	Texas Tech Univ.
2016	American Composers Forum 2016 Showcase	St. Paul, MN
2015	Binary Canary at New Horizons Music Festival	Truman State Univ.
2015	Zeitgeist New Music Cabaret	St. Paul, MN
2014	Electroacoustic Barn Dance	Fredericksburg, VA
2014	Luther College Composition Festival	Luther College
2014	Northern Spark Festival	Minneapolis, MN
2014	New Horizons Music Festival	Truman State, Univ.
2014	Zeitgeist New Music Cabaret	St. Paul, MN
2013	Minnesota Fringe Festival	Minneapolis, MN
2013	New Horizons Music Festival	Truman State Univ.
2013	<i>Installation Artist</i> : St. Paul Public Library Maker Faire	St. Paul, MN
2013	Society of Composers Regional Conference	Eastern Kentucky Univ.
2013	TC Make Maker Faire	Minneapolis, MN
2013	Society of Composers Regional Conference	Clarke Univ.
2012	New Music Forum, Trinity Chapel	Berkeley, CA
2012	Sound Art Installations	Stanford University (CCRMA)
2011	Perceptual Audio Coding	Stanford University (CCRMA)

AUDIO ENGINEERING & studio work

This audio engineering work is in addition to the audio engineering done in my own creative practice and documentation.

2022		<i>Technical Director of Spatial Audio: The William Blake Cycle</i> in The Cube at the New Music + Technology Festival	Virginia Tech Univ.
2020		<i>Technical Director: CHIMEFest</i>	Univ. of Chicago
2020		<i>Mix Engineer: arb</i> (Carrier Records) duo album by bassoonist Ben Roidl-Ward & clarinetist Zach Good	Chicago, IL
2020		<i>Mix Engineer: DIET OF ELECTRIC WORMS</i> (Avid Sound Records) saxophonist Kyle Hutchins & electronicist Eric Lyon	Blacksburg, VA
2020		<i>Technical Assistance: MUSIC'S OVER: Listening with Peter Ablinger</i> festival, Wet Ink Ensemble & Aperiodic Ensemble	Chicago, IL
2020		<i>Assistant Recording Engineer: Glossolalia / Lines on Black</i> , Wet Ink Ensemble (Carrier Records)	Chicago, IL
2019		<i>Recording Engineer: Spaces Inside Spaces</i> concert with ~Nois Saxophone Quartet	Univ. of Chicago
2018 – 2020		<i>Recording Engineer: Rehearsals of the Grossman Ensemble</i>	Univ. of Chicago
2018		<i>Assistant Technical Director: CHIMEFest</i>	Univ. of Chicago

WORKSHOP INSTRUCTION: *Machine Learning for Music Making using FluCoMa*

2023		1 Day Workshop	Peabody Institute at Johns Hopkins Univ.	Baltimore, MD
2023		1 Day Workshop	New York University	Manhattan, NY
2023		1 Day Workshop	Rensselaer Polytechnic Institute	Troy, NY
2023		1 Day Workshop	Ramapo College	Mahwah, NJ
2023		5 Day Workshop	University of Pennsylvania	Philadelphia, PA
2023		1 Day Workshop	Music Hackspace: <i>De-Mix Audio with Non-negative Matrix Factorization</i>	London, UK (online)
2023		1 Day Workshop	Music Hackspace: <i>Unsupervised Machine Learning</i>	London, UK (online)
2022		1 Day Workshop	Music Hackspace: <i>Neural Networks in FluCoMa</i>	London, UK (online)
2022		1 Day Workshop	Music Hackspace: <i>Intro to FluCoMa</i>	London, UK (online)
2022		2 Day Workshop	Catalyst & Technische Universität	Berlin, DE
2022		1 Day Workshop	International Computer Music Conference (ICMC)	Univ. of Limerick, Ireland
2022		2 Day Workshop	University of Sussex	Brighton, UK
2022		2 Day Workshop	Columbia University	New York, NY
2022		3 Day Workshop	University of Pennsylvania	Philadelphia, PA
2022		2 Day Workshop	Harvestworks	New York, NY
2022		1 Day Workshop	Red Room	Baltimore, MD
2022		2 Day Workshop	Peabody Institute at Johns Hopkins University	Baltimore, MD
2022		2 Day Workshop	Carnegie Mellon University	Pittsburgh, PA
2022		5 Day Workshop	NOTAM	Oslo, NO
2022		2 Day Workshop	UC San Diego	San Diego, CA
2022		2 Day Workshop	University of Washington	Seattle, WA
2022		1 Day Workshop	University of Victoria	Victoria, BC

2021	2 Day Workshop	New England Conservatory	Boston, MA
2021	1 Day Workshop	Massachusetts Institute of Technology	Boston, MA
2021	1 Day Workshop	Harvard University	Boston, MA
2021	1 Day Workshop	Berklee College of Music	Boston, MA
2021	1 Day Workshop	Princeton University	Princeton, NJ
2021	3 Day Workshop	McGill University (CIRMMT)	Montreal, QC
2021	5 Day Workshop	Hogeschool voor de Kunsten	Utrecht, NL
2021	1 Day Workshop	Arizona State University	Phoenix, AZ
2021	1 Day Workshop	University of Chicago	Chicago, IL
2021	1 Day Workshop	School of the Art Institute of Chicago	Chicago, IL
2021	1 Day Workshop	The Walden School	Online

GUEST LECTURES

2023	Composition Seminar	Yale University
2023	<i>Artificial Intelligence & the Music Industry</i>	Univ. of the Highlands & Islands, Perth, Scotland
2022	<i>SuperCollider & FluCoMa</i>	Yale University
2022	Composition Seminar	Virginia Tech Univ.
2022	Composition Seminar	UC San Diego
2022	Composition Seminar	University of Victoria, British Columbia
2021	Presentation of my creative work with the FluCoMa toolkit	Columbia University & Bell Labs
2021	Presentation of my creative work with the FluCoMa toolkit	Arizona State Univ.
2021	Composition Seminar	New York University
2021	Composition Seminar	DePaul University
2021	<i>Music and AI</i>	Univ. of Chicago
2021	<i>Featured Composer</i> : Presentation to Composition Fellows of the Summer Institute for Contemporary Performance Practice (SICPP)	New England Conservatory
2018	Composition Seminar	Western Michigan Univ.
2017	Composition Seminar	Truman State University
2014	Composition Seminar	McNally Smith College of Music
2014	Composition Seminar & SuperCollider Workshop	Coe College
2013	Composition Seminar & SuperCollider Workshop	Truman State University

EMPLOYMENT, COMMUNITY involvement, & SERVICE

2023 - Present	<i>Software Design Engineer</i> : Outlier Technology	
2023	<i>Faculty & Mentor</i> : Line Upon Line Percussion High School Composer Program	Austin, TX

2022		<i>Adjudicator</i> : Score Follower: Spring 2022 Call for Works	
2020		<i>Symposium Director</i> : CIRCULATIONS: Symposium on Live Audio Feedback in Art	Univ. of Chicago
2019 – 2021		<i>Alpha Tester</i> : Fluid Corpus Manipulation Research Project	Univ. of Huddersfield
2019		<i>Concert Producer & Spatial Audio Director</i> : Spaces Inside Spaces	Chicago, IL
2019		<i>Consultant & Co-Author</i> : American Composers Forum NextNotes Lab Toolkit	St. Paul, MN
2018		<i>Consultant</i> : Mayfield School District: Rhythm Pedagogy Workshop	Cleveland, OH
2017 – Present		<i>Advisory Board</i> : 113 Composer Collective	Minneapolis, MN
2015 – 2017		<i>Curator, Producer, & Laptop Improviser</i> : Ars Electroacoustica concert series: avant-improv featuring electronic & acoustic instruments	Minneapolis, MN
2015 – 2017		<i>Composer Mentor</i> : American Composers Forum NextNotesLab	St. Paul, MN
2016		<i>Curator & Producer</i> : LoSo concert	St. Paul, MN
2013 - 2016		<i>Co-Artistic Director</i> : Spitting Image Composer Collective	Twin Cities, MN
2015		<i>Curator & Producer</i> : push / bend / pull concert series	Twin Cities, MN
2014		<i>Curator & Producer</i> : The Hear & Now concert series	Twin Cities, MN

REFERENCES

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Anne La Berge	<i>Flutist, Improviser, Composer</i> , Amsterdam, The Netherlands email: alb@annelaberge.com
Kyle Hutchins	<i>Instructor of Saxophone</i> , Virginia Tech University email: jkhutch@vt.edu phone: (540) 231-3907

List of MUSIC & MEDIA COMPOSITIONS

<i>saccades</i> (2022) saxophone, electronics, tape, & video	~16:00
- Kyle Hutchins, ArtRat Studios, Roanoke, VA, 5/31/2023	
- Olly Sellwood, El Sótano de Vacas Verdes, Mexico City, Mexico, 1/12/2023	
- Olly Sellwood, CRASHBOX, Austin, TX, 1/6/2023	
- Olly Sellwood, MISE-EN-PLACE, Brooklyn, NY, 1/4/2023	

- sine*** (2022) multichannel audio ~40:00
- *Commissioned by the PHONOS Foundation*
 - PHONOS Foundation, Universitat Pompeu Fabra, Barcelona, ES, 5/20/2022
- lacunae*** (2021) chamber ensemble & tape ~8:00
- *Composed for Wet Ink Ensemble for the EAR TAXI FESTIVAL 2021*
 - Wet Ink Ensemble, EAR TAXI FESTIVAL, Chicago, IL, 10/2/2021
- noise/gate*** (2021) contrabass & tape ~7:30
- *Commissioned by Ensemble Suono Giallo for ilSUONO 2021*
 - Ensemble Suono Giallo, Città di Castello, 7/29/2021
- quartet*** (2021) flute, cello, piano, percussion, & video processing ~11:00
- *Commissioned by the [Switch~ Ensemble] for the 2021 SEAMUS Conference*
 - Performing Media Festival, Indiana University South Bend, 3/10/2023
 - IRCAM Forum, NYU/Columbia Univ., 9/30/2022
 - International Society for Music Information Retrieval (ISMIR) Conference 2021, Online, 11/11/2021
 - The [Switch~ Ensemble], SinusTon Festival, Magdeburg, DE, 10/30/2021
 - The [Switch~ Ensemble], SEAMUS, Streamed Concert, 4/24/2021
- triangle*** (2020) string quartet & tape ~3:00
- *Commissioned by National Sawdust for their Digital Discovery Festival*
 - *Selected for Score Follower*
 - Earth Day Art Model, Streamed Event, 4/22/2021
 - JACK Quartet, National Sawdust, Streamed Concert, 12/11/2020
- apsis ii*** (2020) piano four hands & tape ~1:30
- *Commissioned by HOCKET piano do as part of their #What2020SoundsLike project*
 - Earth Day Art Model, Streamed Event, 4/22/2021
 - HOCKET, internet series premiere, 7/8/2020
- for line upon line*** (2020) video sampling ~1:30
- *Commissioned by Line Upon Line Percussion*
 - TURN UP Multimedia Festival, Univ. of Arizona, 5/1/2021
 - Earth Day Art Model, Streamed Event, 4/22/2021
 - Featured in Victoria Bach Festival, 6/9/2020
 - Internet series premiere, 5/6/2020
- hold*** (2020) tape ~4:30
- *Commissioned by Chicago Civic Orchestra for their 100th Anniversary Live Stream*
 - BEAST FEaST, University of Birmingham, 4/24/2021
 - Chicago Civic Orchestra, Internet Premiere, 3/29/2020
- shear*** (2020) chamber concerto for flutist Dalia Chin
- Performance cancelled due to COVID-19
- crunch*** (2019) violin, bassoon, & tape ~18:00

- *Commissioned by violinist Erica Dicker & bassoonist Dana Jessen*
- Erica Dicker & Dana Jessen, The Walden School, Dublin, NH, July 2019
- Erica Dicker & Dana Jessen, Constellation, Chicago, IL, 3/31/2019

- where is where we are*** (2019) spatialized saxophone quartet, multichannel audio, & DMX lighting ~10:00
 - Nois Saxophone Quartet, Hairpin Arts Center, Chicago, IL, 4/12/2019

- squall*** (2019) instrument & tape ~10:00
 - *Commissioned by trumpeter Evan Fowler*
 - Hypercube (Erin Rogers, saxophone version), Charlotte New Music, Streamed Concert, 11/20/2020

- tap*** (2019) percussion trio, tape, DMX lighting, & video ~10:00
 - *Commissioned by Line Upon Line Percussion for their Winter Composer Festival*
 - *Curated selection for Score Follower*
 - Line Upon Line, Hochschule für Musik, Freiburg, DE, 11/8/2019
 - Line Upon Line, City University, London, UK, 11/5/2019
 - Line Upon Line, South by Southwest, Austin, TX, 3/14/2019
 - Line Upon Line, First Street Studio, Austin, TX, 1/12/2019

- column*** (2019) saxophone, 140 channel audio, tape, & DMX lights ~22:00
 - *Created for The Cube at Virginia Tech*
 - Kyle Hutchins, Virginia Tech University, Blacksburg, VA, 2/4/2019
 - Kyle Hutchins, Virginia Tech University, Blacksburg, VA, 8/9/2018

- patina*** (2019) orchestra ~7:00
 - Recorded by Chicago Civic Orchestra, 2/5/2019 (performance cancelled due to weather)

- circle*** (2018) string quartet, multichannel audio, DMX lighting, feedback PVC tubes ~24:00
 - *Finalist in 2018 Mivos Quartet Kantor String Quartet Composition Prize*
 - Spektral Quartet, CHIMEFest, Chicago, IL, 4/5/2018

- feed*** (2018) bassoon, live processing, no-input mixer, tape, & DMX lights ~19:30
 - *Structured improvisation created in collaboration with bassoonist Ben Roidl-Ward*
 - EAR TAXI FESTIVAL, Constellation, Chicago, IL, 10/3/2021
 - Ars Electroacoustica, Elastic Arts, Chicago, IL, 4/9/2019
 - Experimental Sound Studio, Oscillations Series, Chicago, IL, 11/2/2018
 - Elastic Arts, Chicago, IL, 3/13/2018

- shadow*** (2018) saxophone, no-input mixer, & DMX lights ~6:00
 - *Structured improvisation created in collaboration with saxophonist Kyle Hutchins*
 - Frequency Series, Constellation, Chicago, IL, 11/3/2019
 - Ted Moore (solo version), Omaha Under the Radar, Omaha, NE, 7/27/2018

- hollow*** (2017) feedback saxophone & feedback PVC tubes ~15:00
 - *Structured improvisation created with saxophonist Kyle Hutchins*
 - International Computer Music Conference (ICMC), Santiago, Chile, 7/27/2021
 - Frequency Series, Constellation, Chicago, IL, 11/3/2019

- SPLICE Festival, Bowling Green State University, Bowling Green, OH, 11/8/2018
- Internationales Musikinstitut Darmstadt, Darmstadt, Germany, 7/16/2018
- Zagreb Academy of Music, Zagreb, Croatia, 7/12/2018
- NUNC3, Northwestern University, Evanston, IL, 4/21/2018
- Fresh Oysters Performance Research, Minneapolis, MN, 5/26/2017

Solstice Orrery (2017) video design for Scott Miller's eponymous tape composition ~10:30

- Released as video album on New Focus Recordings, 3/16/2018
- Studio Z, St. Paul, MN, 3/10/2018
- North Star Music Festival, Kirksville, MO, 10/28/2017
- Lipa Festival, Ames, IA, 9/27/2017

still motion (2017) percussionist & live video sampling ~14:00

- *Commissioned by percussionist Patti Cudd & MacPhail Center for Music*
- *Appears on album on Patti Cudd's album "Still Motion" (Sideband Records)*
- Josh Perry, Boston Conservatory, Boston, MA, 2/26/2023
- Josh Perry, Emory University, Atlanta, GA, 10/19/2022
- MISE-EN Ensemble (Josh Perry), New York, NY, 5/5/2022
- MISE-EN Ensemble (Josh Perry), New York, NY, 12/2/2021
- Scot Deal, Earth Day Art Model Festival, 4/22/2021
- MISE-EN Ensemble (Josh Perry), New York, NY, 8/18/2020
- Talea Ensemble (Matt Gold), Flea Theater, New York, NY, 6/9/2019
- Matt Gold, Yale Univ. Center for Collaborative Arts & Media, New Haven, CT, 2/14/2019
- Patti Cudd, Univ. of Wisconsin Whitewater, 2/3/2019
- Patti Cudd, Northwestern Univ., Evanston, IL, 2/1/2019
- Patti Cudd, NYC Electroacoustic Music Festival, Abrons Art Center, New York, NY, 7/18/2018
- Matt Gold, The Walden School, Dublin, NH, 6/16/2018
- Matt Gold, Mass MoCA, North Adams, MA, 6/9/2018
- John Corkill, Univ. of Chicago, 11/5/2017

still motion b (2017) mouth & live video sampling ~14:00

- Ted Moore, New Music + Technology Virginia Tech University, Blacksburg, VA, 12/6/2022
- Ted Moore, Western Michigan Univ., Kalamazoo, MI, 11/28/2018
- Ted Moore, Omaha Under the Radar, Omaha, NE, 7/27/2018
- Ted Moore, MOXSonic, Warrensburg, MO, 3/10/2018
- Ted Moore, New Horizons Music Festival, Kirksville, MO, 10/28/2017

the curve is exponential (2017) carillon & tape ~28:00

- *Commissioned by University of Chicago Carillonneur Joey Brink for the University's 75th Anniversary Nuclear Commemorations Ceremony*
- Joey Brink, Rockefeller Chapel, Chicago, IL, 5/26/2018
- Joey Brink, Rockefeller Chapel, Chicago, IL, 12/2/2017

APPETITE (2017) Experimental theater work for feedback video, feedback sound, & dancer ~25:00

- *Created in collaboration with Skewed Visions Theater Company Director, Charles Campbell*

- Walker Art Center, Minneapolis, MN, 11/25/2017
 - Fresh Oysters Performance Research, Minneapolis, MN, 5/26/2017
- feedback V** (2017) any number of performers with small sound-making objects ~10:00
- Virginia Tech New Music Ensemble, November 2017
- Transliteration Series** (2017-) book / score of short tape compositions
- feedback vii: speak, contain** (2017) wind quintet, feedback, & tape ~8:30
- *Commissioned by The Walden School & Splinter Reeds Wind Quintet*
 - Imani Winds, University of Chicago, Chicago, IL, 5/12/2018
 - Splinter Reeds, The Walden School, Dublin, NH, 7/14/2017
- only that there's a secret** (2016) vocal quartet, spatial audio, & video design ~8:00
- *Commissioned by Quince Contemporary Vocal Ensemble & The Walden School*
 - Quince Contemporary Vocal Ensemble, The Walden School, Dublin, NH, 6/22/2016
- APSYS** (2016) spatialized chamber ensemble, spatial audio, live electronics, & video ~23:00
- Strains New Music Ensemble, Society for Electro-Acoustic Music in the United States, St. Cloud, MN, 4/21/2017
 - Strains New Music Ensemble, MacPhail Center for Music, Composition Faculty Concert, Minneapolis, MN, 9/16/2016
 - Strains New Music Ensemble, LoSo, St. Paul, MN, 3/5/2016
- it teaches us that it doesn't exist** (2016) feedback cymbal ~13:00
- *Commissioned by percussionist Jeremy Johnston*
 - Ted Moore, EAR TAXI FESTIVAL, Constellation, Chicago, IL, 10/3/2021
 - Ted Moore, Frequency Series, Constellation, Chicago, IL, 11/3/2019
 - Ted Moore, Fulcrum Point New Music, Chicago, IL, 9/25/2019
 - Ted Moore, Flea Theater, New York, NY, 6/9/2019
 - Ted Moore, Impromptu Fest, Chicago, IL, 3/22/2019
 - Ted Moore, BEAMS Festival, Brandeis Univ., 3/16/2018
 - Ted Moore, Omaha Under the Radar, Omaha, NE, 7/27/2018
 - Ted Moore, North Start Music Festival, Kirksville, MO, 10/28/2017
 - Ted Moore, Reembodied Sound: Transducer Conf., Spectrum, New York, NY, 4/8/2017
 - Ted Moore, Iowa Composers Forum, Decorah, IA, 2/25/2017
 - Ted Moore, Georgia Southern University, Statesboro, GA, 2/10/2017
 - Ted Moore, University of Wisconsin, La Cross, WI, 11/10/2016
 - Jeremy Johnston, First Lutheran Church, White Bear Lake, MN, 11/6/2016
 - Jeremy Johnston, Pearson Lakes Art Center, Okoboji, IA, 10/20/2016
 - Jeremy Johnston, Bethlehem Lutheran Church, Two Harbors, MN, 10/16/2016
- FEATHERMUCKER** (2015) mezzo-soprano, guitar, feedback guitar, & tape ~45:00
- *Commissioned by The Dream Songs Project*
 - The Dream Songs Project, EAR TAXI FESTIVAL, Chicago, IL, 10/3/2021
 - The Dream Songs Project, Pittsburgh Festival of New Music, Pittsburgh, PA, 9/8/2018

- The Dream Songs Project, Khyber Pass Cafe, St. Paul, MN, 1/19/2017
- The Dream Songs Project, Fallout Arts, Minneapolis, MN, 5/28/2016
- The Dream Songs Project, Punk Ass Classical, Minneapolis, MN, 5/27/2016
- The Dream Songs Project, American Composers Forum Showcase, St. Paul, MN, 4/14/2016
- The Dream Songs Project, Dreamland Arts, St. Paul, MN, 1/24/2016
- The Dream Songs Project, Plymouth Church, Minneapolis, MN, 1/23/2016
- The Dream Songs Project, James J. Hill House, St. Paul, MN, 1/22/2016

thread fork thread (2015) alto flute, tenor saxophone, viola, & percussion ~10:00

- *Commissioned by The Walden School & the International Contemporary Ensemble*
- Strains New Music Ensemble, Fallout Arts, Minneapolis, MN, 1/24/2016
- Strains New Music ensemble, Dreamland Arts, St. Paul, MN, 1/23/2016
- International Contemporary Ensemble, The Walden School, Dublin, NH, 7/10/2015

if two things... (2014) saxophonist, mezzo-soprano, & electronics ~16:00

- full title: *if two things don't fit, but you believe both of them, thinking that somewhere, hidden, there must be a third thing that connects them*
- *Commissioned by The Poem is Done Ensemble*
- *Curated selection for Score Follower*
- There is no air in Space, Whatever Works Music Festival, Turku, Finland, 4/4/2019
- Alyssa Anderson & Ben Cold, MacPhail Center for Music, Minneapolis, MN, 9/16/2016
- The Poem is Done Ensemble, Zeitgeist New Music Cabaret, Studio Z, St. Paul, MN, 11/13/2015
- RenegadeEnsemble, Baroque Room, St. Paul, MN, 4/24/2015
- The Poem is Done Ensemble, Gamut Gallery, Minneapolis, MN, 11/1/2014

eclipse (2014) tenor saxophone, live processing, & live video ~21:30

- *Commissioned by Skewed Visions Theater Company*
- Kyle Hutchins, Electroacoustic Barn Dance, Fredericksburg, VA, 11/14/2014
- Kyle Hutchins, Truman State University, Kirksville, MO, 10/25/2014
- Kyle Hutchins, University of Minnesota, Minneapolis, MN, 4/27/2014
- Kyle Hutchins, Skewed Visions Studio, Minneapolis, MN, 1/19/2014

samara (2014) string quartet & alto flute ~8:30

- *Commissioned by Spektral Quartet & The Walden School*
- Spektral Quartet & flutist Tim Munro, The Walden School, Dublin, NH, 7/11/2014

Persephone (2014) music & sound design for live dance: chamber ensemble & live electronics ~55:00

- *Created in collaboration with Choreographer & Theater Artist Hannah K. Holman*
- Tek Box Theater at Cowles Center, Minneapolis, MN, 12/4 - 12/6/2014

leviathan (2014) bass clarinet, multichannel audio, glass vases, & live electronics ~18:30

- *Featured on bass clarinetist Sarah Porwoll-Lee's album, History is Going to Change, November 2015*
- Sarah Porwoll-Lee, Univ. of Wisconsin La Cross, 4/10/2016
- Sarah Porwoll-Lee, Mound Westonka, MN, 12/11/2015
- Sarah Porwoll-Lee, Honey, Minneapolis, MN, 11/7/2015
- Sarah Porwoll-Lee, Slam Academy, Minneapolis, MN, 10/31/2015

- Sarah Porwoll-Lee, Honey, Minneapolis, MN, 6/8/2014
- Sarah Porwoll-Lee, Studio Z, St. Paul, MN, 6/6/2014

- eyes may be impaired*** (2014) piano four hands & two percussionists ~8:30
 - *Commissioned by Yarn/Wire & The Walden School*
 - Luther College, Decorah, IA, 10/9/2014
 - Eastern Kentucky University, Richmond, KY, 10/19/2013
 - Yarn/Wire, The Walden School, Dublin, NH, 7/1/2012

- ice, water*** (2012) clarinet ~5:00
 - RenegadeEnsemble, Studio Z, St. Paul, MN, 5/4/2014

- deepities*** (2013) saxophone & flute ~8:00
 - *Commissioned by AVIDduo*
 - AVIDduo, Coe College, Cedar Rapids, IA, 3/18/2014
 - AVIDduo, Luther College, Decorah, IA, 3/17/2014
 - AVIDduo, Women's Club, Denton, TX, 2/7/2014
 - AVIDduo, University of Minnesota, Minneapolis, MN, 9/25/2013
 - AVIDduo, Studio Z, St. Paul, MN, 9/21/2013

- is himself no more*** (2013) saxophone & live electronics ~8:00
 - *Commissioned by RenegadeEnsemble*
 - Kyle Hutchins, Coe College, Cedar Rapids, IA, 3/18/2014
 - Kyle Hutchins, Luther College, Decorah, IA, 3/17/2014
 - Kyle Hutchins, Studio Z, St. Paul, MN, 4/28/2013
 - Kyle Hutchins, American Composers Forum, St. Paul, MN, 4/16/2013

- Gilgamesh & Enkidu*** (2013) string quartet, tape, & live electronics ~60:00
 - *Commissioned by The Cedar Cultural Center, Minneapolis, MN*
 - Enkidu Quartet, Zeitgeist New Music Cabaret, St. Paul, MN, 11/6/2014
 - Enkidu Quartet, Studio Z, St. Paul, MN, 6/5/2014
 - Endidu Quartet, St. Paul Library, St. Paul, MN, 11/25/2013
 - Enkidu Quartet, New Horizons Music Festival, Kirksville, MO, 11/2/2013
 - Enkidu Quartet, Cedar Cultural Center, Minneapolis, MN, 1/6/2013

- fiery walls*** (2012) trumpet & live electronics ~4:30
 - Chris Goodchild, BEAST, Birmingham, UK, December 2019
 - Jim Sherry, MacPhail Center for Music, Minneapolis, MN, 2/4/2015
 - Jim Sherry, Clarke University, Dubuque, IA, 4/12/2013
 - Erik Mahon, Studio Z, St. Paul, MN, 5/1/2012

- do you?*** (2008) solo percussion ~5:30
 - Camden Heimerman, Luther College, Decorah, IA, 1/10/2021
 - Leif Larson, Luther College, Decorah, IA, 11/2/2014
 - New Music Forum, Trinity Chapel, Berkeley, CA, 6/23/2012