

# Ted Moore

Composer, Improviser, Multimedia Artist, Educator

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## EDUCATION

2021	<i>PhD</i> , Music Composition: University of Chicago - Composition studies with Sam Pluta, Anthony Cheung, & Augusta Read Thomas	Chicago, IL
2011	<i>Master of Arts</i> , Music Composition: Truman State University - Composition studies with Charles Gran & Warren Gooch	Kirkville, 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) instigates musical uses of data science and machine learning for computer composers, creative coders, and digital artists. My research enables techno-fluent musicians to use data science and machine learning for creative music making within their chosen creative coding environment (Max, SuperCollider, and Pure Data).

## AWARDS, HONORS, & RESIDENCIES

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, Netherlands
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

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>APSYS</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 &amp; Enkidu</i> , for string quartet & elec.	Minneapolis, MN
2012	RenegadeEnsemble: <i>ice, water</i> , for clarinet	Minneapolis, MN

## selected **LIVE ELECTRONICS IMPROVISATIONS**

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7/10/2022	Duo with Nina Guo	Kühlspot Social Club, Berlin
7/9/2022	Duo with Nina Guo	K77 Studio, Berlin
7/1/2022	Trio with Kyle Hutchins & Seth Davis	SKRONK, New River Studios, London
6/18/2022	Trio with PA Tremblay & Emil Karlsen	AME, Huddersfield, UK
6/2/2022	Duo with Paul Keene	The Rose Hill, Brighton, UK
5/19/2022	Quartet with Ángel Faraldo, Clara Lai, & Ferran Fages	Soda Acústic, Barcelona
5/12/2022	Trio with Luis Erades & El Prieto	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
2/25/2022	Duo with Mark Hanslip	Electric Spring Univ. of Huddersfield
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	Quartet with 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
11/3/2019	Frequency Series: duo with Kyle Hutchins as Binary Canary	Constellation, Chicago, IL
10/21/2019	Option Series: Trio with Kyle Bruckmann & Macie Stewart	Experimental Sound Studio, Chicago, IL
10/4/2019	Duos with Lauren Hayes, Daniel Wyche, & Sarah Plum	Slate Arts, Chicago, IL
9/23/2019	Duo with Weston Olencki	Arete, New York, NY

8/8/2019	Duo with Tom Weeks	Center for New Music, San Francisco, CA
5/2/2019	Quartet with Katie Young, Weston Olencki, & Matt Barbier	CHIMEFest, Chicago, IL
3/29/2019	Quartet with Katie Young, Dana Jessen, & Erica Dicker	Elastic Arts, Chicago, IL
3/22/2019	Impromptu Fest: Duo with Tonia Ko	Guarneri Hall, Chicago, IL
7/16/2018	Internationales Musikinstitut: Duo with Yung-Tuan Ku	Darmstadt, DE
7/5/2018	Duo with Yung-Tuan Ku	STEIM, Amsterdam, NL
10/27/2017	North Star Music Festival: Duo with Tim Aubuchon	Truman State Univ.
5/31/2017	Ars Electroacoustica: Quartet with Scott Miller, Nathan Hanson, & Kyle Hutchins	Black Dog Cafe, St. Paul, MN
4/20/2017	Society for Electroacoustic Music in the United States (SEAMUS): Quartet with Adam Zahller, Scott Miller, & Kyle Hutchins	Pickled Loon, St. Cloud, MN
11/4/2016	Ars Electroacoustica: Duo with Adam Zahller	Reverie, Minneapolis, MN
10/29/2016	Chamber Music Society: Duo as Binary Canary	Santa Fe, NM
10/27/2016	Duo with Kyle Hutchins as Binary Canary	University of New Mexico, Albuquerque, NM
10/26/2016	Duo with Kyle Hutchins as Binary Canary	Fort Lewis College, Durango, CO
10/24/2016	Duo with Kyle Hutchins as Binary Canary	Metro State Univ., Denver, CO
9/16/2016	Duo with bass clarinetist Sarah Porwoll-Lee	MacPhail Center for Music, Minneapolis, MN
3/20/2016	Ars Electroacoustica: Trio with Adam Zahller & Scott Miller	Honey, Minneapolis, MN
3/9/2016	Duo with Kyle Hutchins as Binary Canary	Univ. of North Texas, Denton, TX
1/17/2016	Ars Electroacoustica: Trio with Dan Lippel & Scott Miller	The Nicollet, 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/appearance-history](http://tedmooremusic.com/appearance-history).*

## SOUND ART INSTALLATIONS using DIY ELECTRONICS

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***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

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- 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*<sup>3</sup>
- 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

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- 2022 *#What2020SoundsLike*: HOCKET piano duo performs *apsis ii* for piano four hands and tape
- 2022 *Live at The Black Dog*: as Ars Electroacoustica with Nathan Hanson, Kyle Hutchins, & Scott 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

## selected REVIEWS

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|---------------------------------|--|
| Chicago Classical Review (2021) | "the overall impression is a coherent, impressive one, conveying desiccation, desperation, but also glimmers of light" |
| Jazz Times (2019)               | "alien soundscapes from some distant otherworld...enigmatic and well worth probing"                                    |
| Tone Shift (2019)               | "far out (in space, of mind)...something of future legend...a sonic trip"  |
| Downtown Music Gallery (2019)   | "does indeed suggest the idea of algorithms gone haywire, of sounds and noise barely held in check"                    |
| I Care If You Listen (2017)     | "frankly unsafe"   |
| TC Daily Planet (2014)          | "tip of the hat to Ted Moore's sound design, wonderfully creepy"   |
| VitaMN (2104)                   | "an impressive achievement, both artistically and technically"   |

## WRITING, PUBLICATIONS, & CONFERENCE PAPERS

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2022		<i>FluCoMa for Pedagogues</i>	A guide to teaching FluCoMa
2022		<i>Wet Ink Archive</i> No. 6	“Expression, Collaboration, and Intuition”
2022		<i>Psychology of Programming Interest Group</i> Annual Meeting	Co-Author: “Architecture about Dancing: Creating a Cross Environment, Cross Domain Framework for Creative Coding Musicians”
2021		<i>Perspectives of New Music</i> Vol. 59 No. 1	“Polynomial Functions in Zuraj’s <i>Changeover</i> ”
2021		Research for PhD, Univ. of Chicago	“Human and Artificial Intelligence Alignment: AI as Assistant and Collaborator”

## SOFTWARE

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code available on [github.com/tedmoore](https://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		Live Laptop Improvisation Instrument (SuperCollider)

## RESEARCH PRESENTATIONS

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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		<i>Invited Scholar</i> : Unsupervised Conference: <i>Machine Listening and Machine Learning with FluCoMa</i>	RNCM & Univ. of Manchester, Manchester, UK
2022		<i>Featured Scholar</i> : PHONOS Foundation: <i>Creative Music Making with Machine Learning</i>	Universitat Pompeu Fabra, Barcelona
2022		<i>Invited Scholar</i> : 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		<i>Invited Scholar</i> : Digital Media Workshop: <i>Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians</i>	Univ. of Chicago
2021		<i>Invited Scholar</i> : Music in the Information Age: <i>Traveling Salesperson Problem Algorithms for Gesture, Phrase, and Form Generation</i>	Univ. of Calgary
2021		<i>Invited Scholar</i> : FluCoMa Plenary Session	Univ. of Huddersfield
2020		<i>Invited Scholar</i> : FluCoMa Plenary Session	Univ. of Huddersfield
2020		<i>Interviewed Improviser</i> : Talking Free Music	Virginia Tech Univ./ Rowan Univ.
2020		<i>Invited Scholar</i> : CHIMEFest 2020: <i>Interference Patterns: analysis of interacting feedbacks in “hollow”</i>	Univ. of Chicago
2020		<i>Invited Scholar</i> : Spatial Music Workshop Reunion: <i>Non-negative Matrix Factorization for Spatial Music Composition</i>	Virginia Tech Univ.

2019	<i>Invited Scholar</i> : FluCoMa Plenary Session: <i>Preserving User-Defined Expression through Dimensionality Reduction</i>	Univ. of Huddersfield
2019	<i>Invited Scholar</i> : Digital Media Workshop: <i>Machine Learning Applications for Live Computer Music Performance</i>	Univ. of Chicago
2019	<i>Invited Scholar</i> : CHIMEFest 2019: <i>Approaches to Live Performance &amp; Composition with Machine Learning &amp; Music Information Retrieval Analysis</i>	Univ. of Chicago
2016	<i>Invited Scholar</i> : Performance & Lecture Tour: <i>Software Design for Expressive Laptop Improvisation</i> (various colleges & universities)	Southwest US
2016	<i>Invited Performer</i> : Association for Technology in Music Instruction Conference	Albuquerque, NM

## FESTIVALS, CONFERENCES, & WORKSHOPS

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2022	<i>Artist</i> : 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>Invited Scholar</i> : Society for Electroacoustic Music in the United States	Western Michigan Univ.
2022	<i>Featured Performer</i> : Electric Spring	Univ. of Huddersfield
2021	<i>Featured Performer</i> : Southwest Electronic Music Festival	Arizona State Univ.
2021	<i>Invited Composer</i> : EAR TAXI FESTIVAL	Chicago, IL
2021	<i>Invited Composer</i> : TURN UP Multimedia Festival	Univ. of Arizona
2021	<i>Invited Artist</i> : ilSuono Contemporary Music Week	Città di Castello, Italy
2021	<i>Invited Composer</i> : Earth Day Art Model	Indiana Univ.-Purdue Univ.
2021	<i>Invited Composer</i> : SEAMUS 2021 Online Conference	
2021	<i>Invited Composer</i> : BEAST FEaST	University of Birmingham
2020	<i>Invited Composer</i> : Charlotte New Music	Charlotte, NC
2020	<i>Featured Composer</i> : 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	<i>Invited Artist</i> : New Music Chicago Impromptu Fest	Chicago, IL
2019	<i>Invited Artist</i> : MOXsonic	Warrensburg, MO
2019	<i>Invited Artist</i> : N_SEME	University of Virginia
2019	<i>Selected Composer</i> : Line Upon Line Winter Composers Festival	Austin, TX
2019	<i>Invited Artist</i> : CHIMEFest	Univ. of Chicago
2018	<i>Invited Artist</i> : SPLICE Festival	Bowling Green, OH
2018	<i>Featured Guest</i> : Western Michigan University	Kalamazoo, MI
2018	<i>Featured Composer</i> : Pittsburgh New Music Festival	Pittsburgh, PA
2018	<i>Invited Composer</i> : Spatial Music Workshop at The Cube	Virginia Tech Univ.
2018	<i>Invited Artists</i> : World Saxophone Congress	Zagreb, Croatia
2018	<i>Invited Artist</i> : SPLICE Festival	Bowling Green State Univ.
2018	<i>Featured Artist</i> : Omaha Under the Radar	Omaha, NE
2018	<i>Invited Artist</i> : 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	<i>Invited Artist</i> : BEAMS Marathon Festival	Brandeis University
2018	<i>Invited Composer</i> : CHIMEFest	Univ. of Chicago
2018	<i>Featured Composer</i> : University of Chicago Carillon Festival	Univ. of Chicago
2018	<i>Invited Artist</i> : NUNC3	Northwestern Univ.
2018	<i>Invited Artist</i> : MOXsonic	Warrensburg, MO
2018	<i>Invited Artist</i> : Precarious Sounds // Sounding Sanctuary	New York Univ.
2017	<i>Invited Composer-Performer</i> : Iowa Composers Forum Festival	Decorah, IA
2017	<i>Invited Composer</i> : Society for Electroacoustic Music in the United States	St. Cloud, MN
2017	<i>Featured Composer-Performer</i> : North Star Music Festival	Truman State Univ.
2017	<i>Invited Installation Artist</i> : Studio 300 Digital Art & Music Festival	Lexington, KY
2017	<i>Invited Artist</i> : Lipa Festival	Ames, IA
2017	<i>Invited Composer-Performer</i> : Reembodied Sound: Transducer Conf.	Spectrum, NYC
2017	<i>Featured Composer-Performer</i> : Root Signals	Georgia Southern Univ.

2016	<i>Invited Artist:</i> NYC Electroacoustic Music Festival	New York, NY
2016	<i>Invited Artist:</i> North American Saxophone Alliance	Texas Tech Univ.
2016	<i>Featured Composer:</i> American Composers Forum 2016 Showcase	St. Paul, MN
2015	<i>Featured Performers:</i> Binary Canary at New Horizons Music Festival	Truman State Univ.
2015	<i>Featured Composer:</i> Zeitgeist New Music Cabaret	St. Paul, MN
2014	<i>Invited Composer-Performer:</i> Electroacoustic Barn Dance	Fredericksburg, VA
2014	<i>Invited Composer:</i> Luther College Composition Festival	Luther College
2014	<i>Featured Artist:</i> Northern Spark Festival	Minneapolis, MN
2014	<i>Invited Composer:</i> New Horizons Music Festival	Truman State, Univ.
2014	<i>Invited Composer:</i> Zeitgeist New Music Cabaret	St. Paul, MN
2013	<i>Invited Artist:</i> Minnesota Fringe Festival	Minneapolis, MN
2013	<i>Featured Composer:</i> New Horizons Music Festival	Truman State Univ.
2013	<i>Featured Installation Artist:</i> St. Paul Public Library Maker Faire	St. Paul, MN
2013	<i>Invited Composer:</i> Society of Composers Regional Conference	Eastern Kentucky Univ.
2013	<i>Invited Artist:</i> TC Make Maker Faire	Minneapolis, MN
2013	<i>Invited Composer:</i> Society of Composers Regional Conference	Clarke Univ.
2012	<i>Invited Composer:</i> 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

These engineering jobs are in addition to the extensive audio engineering done in my own creative work and documentation.

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

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

2022	2 Day Workshop	Catalyst & Technische Universität	Berlin
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	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

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2022	<i>Featured Creative Coder:</i>	Creative Coding Lab Symposium	Univ. of Huddersfield
2022	<i>Guest Composer:</i>	Presentation for Composition Seminar	UC San Diego
2022	<i>Guest Composer:</i>	Presentation for Composition Seminar	University of Victoria, British Columbia
2021	<i>Guest Lecturer:</i>	Presentation on my creative work using the FluCoMa toolkit	Columbia University & Bell Labs
2021	<i>Guest Lecturer:</i>	Presentation for Composition Seminar	New York University
2021	<i>Guest Lecturer:</i>	<i>Music and AI</i>	Univ. of Chicago
2021	<i>Guest Lecturer:</i>	Machine Learning for Music Making	Arizona State Univ.
2021	<i>Guest Lecture:</i>	Presentation on my creative work and the FluCoMa toolkit	Arizona State Univ.
2021	<i>Guest Composer:</i>	Presentation for Composition Seminar	DePaul University
2021	<i>Featured Composer:</i>	Presentation my creative work to Composition Fellows of the Summer Institute for Contemporary Performance Practice (SICPP)	New England Conservatory
2018	<i>Guest Composer:</i>	Presentation for Composition Seminar	Western Michigan Univ.
2017	<i>Guest Composer:</i>	Presentation for Composition Seminar	Truman State University
2016	<i>Guest Lecture &amp; Performance:</i>	<i>Software Design for Expressive Laptop Improvisation</i>	Univ. of North Texas
2014	<i>Featured Composer:</i>	Presentation for Composition Seminar	McNally Smith College
2014	<i>Featured Composer:</i>	Presentation for Composition Seminar and SuperCollider Workshop	Coe College
2014	<i>Featured Lecture:</i>	<i>Software Design for Expressive Laptop Improvisation</i>	Univ. of Wisconsin La Cross
2013	<i>Featured Composer:</i>	Presentation for Composition Seminar and SuperCollider Workshop	Truman State University



## COMMUNITY involvement & SERVICE

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 &amp; Spatial Audio Director:</i> Spaces Inside Spaces	Chicago, IL
2019	<i>Consultant &amp; 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, &amp; 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 &amp; Producer:</i> LoSo concert	St. Paul, MN
2015	<i>Curator &amp; Producer:</i> push / bend / pull concert series	Twin Cities, MN
2014	<i>Curator &amp; Producer:</i> The Hear & Now concert series	Twin Cities, MN

## PRIMARY INSTRUCTOR Teaching & Academic Leadership

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 - One quarter in person, one quarter on Zoom	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) <ul style="list-style-type: none"> <li>- Individual and class instruction in the materials &amp; design of music in various styles including classical &amp; popular music</li> <li>- All ages, beginner to advanced levels</li> </ul>	Minneapolis, MN
2015 – 2016	<i>Music Instructor:</i> Integrated Arts Academy (High School) <ul style="list-style-type: none"> <li>- “Rock Band” Class: music fundamentals, instrumental instruction (guitar, bass guitar, keyboards, singing), and small group performance (trios &amp; quartets) of popular music repertoire</li> </ul>	Chaska, MN
2012 – 2015	<i>Adjunct Faculty:</i> Art Institutes International (College) <ul style="list-style-type: none"> <li>- Courses Taught: MIDI Systems I &amp; II, Listening &amp; Analysis, Audio Technology I &amp; II, Music Theory I &amp; II, Synthesis &amp; Sound Design I &amp; II, and Music Appreciation</li> <li>- Topics Taught: Max, SuperCollider, synthesis, instrument building, ProTools DAW, Reason DAW, MIDI hardware, sampling libraries (EastWest), popular music production techniques, Moulton Golden Ears, digital &amp; analog audio technology theory, microphone &amp; recording techniques, hardware &amp; software studio technology, music theory for popular music production students</li> </ul>	Minneapolis, MN
2014 – 2015	<i>Music Instructor:</i> St. Paul High School of Recording Arts <ul style="list-style-type: none"> <li>- Individual and small group guitar lessons</li> </ul>	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 <ul style="list-style-type: none"> <li>- Individual and classroom instruction in music composition</li> <li>- Beginner to advanced teens</li> </ul>	Decorah, IA

## COURSE ASSISTANT Teaching

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2020	<i>Course Assistant:</i> Intro. to Music: Analysis & Criticism <ul style="list-style-type: none"> <li>- Assisted primary instructor Berthold Hoeckner</li> <li>- Many non-music students from across the University</li> <li>- Small group instruction in listening &amp; critical analysis</li> <li>- Writing support</li> <li>- (over Zoom)</li> </ul>	Univ. of Chicago
2019	<i>Course Assistant:</i> Electronic Music II: SuperCollider <ul style="list-style-type: none"> <li>- Assisted primary instructor Sam Pluta</li> <li>- Many non-music students from across the University</li> <li>- Individual and class instruction</li> <li>- No prior coding knowledge required</li> </ul>	Univ. of Chicago
2019 – 2020	<i>Studio Assistant:</i> CHIME Studio	Univ. of Chicago

2009 – 2011	<i>Teaching Assistant:</i> - 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.
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## REFERENCES

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Sam Pluta	<i>Associate Professor of Computer Music</i> , Peabody Inst. of Johns Hopkins Univ. email: spluta1@jhu.edu                      phone: (646) 544-6149
Pierre Alexandre Tremblay	<i>Professor</i> , University of Huddersfield email: p.a.tremblay@hud.ac.uk                      phone: +44 01484 473608
Anthony Cheung	<i>Associate Professor of Music</i> , Brown University email: anthony_cheung@brown.edu                      phone: (401) 863-3234
Hans Tutschku	<i>Professor of Music</i> , Harvard University email: tutschku@fas.harvard.edu                      phone: (617) 495-2791
Anne La Berge	<i>Flutist, Improviser, Composer</i> , Amsterdam, The Netherlands email: alb@annelaberge.com
Scott Miller	<i>Professor of Music</i> , St. Cloud State Univ., Director of SEAMUS Records email: slm@scottlmiller.net
Kyle Hutchins	<i>Instructor of Saxophone</i> , Virginia Tech University email: jkhutch@vt.edu                      phone: (540) 231-3907

## List of MUSIC & MEDIA COMPOSITIONS

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<i>sine</i> (2022) multichannel audio - <i>Commissioned by the PHONOS Foundation</i> - PHONOS Foundation, Universitat Pompeu Fabra, Barcelona, ES, 5/20/2022	~40:00
<i>lacunae</i> (2021) chamber ensemble & tape - <i>Composed for Wet Ink Ensemble for the EAR TAXI FESTIVAL 2021</i> - Wet Ink Ensemble, EAR TAXI FESTIVAL, Chicago, IL, 10/2/2021	~8:00
<i>noise/gate</i> (2021) contrabass & tape - <i>Commissioned by Ensemble Suono Giallo for ilSUONO 2021</i> - Ensemble Suono Giallo, Città di Castello, 7/29/2021	~7:30
<i>quartet</i> (2021) flute, cello, piano, percussion, & video processing - <i>Commissioned by the [Switch~ Ensemble] for the 2021 SEAMUS Conference</i> - IRCAM Forum, NYU/Columbia Univ., 9/30/2021 - 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	~11:00
<i>triangle</i> (2020) string quartet & tape - <i>Commissioned by National Sawdust for their Digital Discovery Festival</i> - <i>Selected for Score Follower</i>	~3:00

- 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*
  - *Appearing on forthcoming album on Sideband Records (Patti Cudd)*
  - 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, 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
- APSIS*** (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
  - *Commissoined 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