

# Ted Moore

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*Composer, Improviser, Intermedia Artist, Educator*

## EDUCATION

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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

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

September 2021 – August 2022

As an integral member of the Fluid Corpus Manipulation project (FluCoMa), I played a significant role in enabling techno-fluent musicians to integrate machine listening and machine learning into their creative practice using Max, SuperCollider, and Pure Data. I was a leader in developing pedagogical materials, conducting workshops, and fostering a vibrant community of knowledge-sharing and creative inspiration. Additionally, I took a leading role in the conceptualization and design of the SuperCollider interface, including the creation of help-files and specialized tools tailored for SuperCollider.

## TEACHING & Academic Leadership

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2023 - Present	<i>Associate Research Scholar</i> - Support of Graduate Composers' projects involving Music Technology - Workshop Instruction on various Music Technology topics	Yale School of Music
2023 - Present	<i>Lecturer</i> : Music Engineering and Technology - Individual Instruction in Composition	Peabody Institute at Johns Hopkins Univ.
2023 - Present	<i>Adjunct Assistant Professor of Music</i> - Musical Acoustics	Connecticut College
2023	<i>Faculty</i> : Line Upon Line High School Composer Program	Austin, TX
2022	<i>Adjunct Instructor</i> : Computer Music & Multimedia I - Computer Music & Multimedia (Intro to Max)	Virginia Tech Univ.
2020	<i>Primary Instructor</i> : Elec. Music I: Composing with Sound - Introduction to musique concrète, synthesis, recording, & DAWs	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)	Dublin, NH
2014 – 2017	<i>Adjunct Faculty:</i> McNally Smith College of Music - Synthesis & Sound Design	St. Paul, MN
2014 – 2017	<i>Faculty:</i> Slam Academy (Community Music School) - Music Production in Ableton Live	Minneapolis, MN
2014 – 2017	<i>Composition Faculty:</i> MacPhail Center for Music - Individual Instruction in Composition	Minneapolis, MN
2015 – 2016	<i>Music Instructor:</i> Integrated Arts Academy (High School)	Chaska, MN
2012 – 2015	<i>Adjunct Faculty:</i> Art Institutes International (College) - Sound Design - Max & SuperCollider - Audio Production - Music Appreciation - MIDI Systems	Minneapolis, MN
2014 – 2015	<i>Music Instructor:</i> St. Paul High School of Recording Arts	St. Paul, MN
2009 – 2011	<i>Primary Instructor:</i> Truman State Univ. - Aural Skills I & II	Kirksville, MO
2009 – 2011	<i>Faculty:</i> Dorian Summer Music Camps	Decorah, IA

## COURSE ASSISTANT Teaching

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2020	<i>Course Assistant:</i> Music Analysis & Criticism	Univ. of Chicago
2019	<i>Course Assistant:</i> Electronic Music II: SuperCollider	Univ. of Chicago
2019 – 2020	<i>Studio Assistant:</i> CHIME Studio	Univ. of Chicago
2009 – 2011	<i>Teaching Assistant</i>	Truman State Univ.

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

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2023	5 Day Workshop	Center for Computer Research in Music and Acoustics (CCRMA)	Stanford University (online)
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

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2023	Computer Music Seminar	Indiana University
2023	Ammerman Center Art & Technology Seminar	Connecticut College
2023	Composition Seminar	SUNY Buffalo
2023	Introduction to Modular Synthesis with VCV Rack	The Walden School
2023	Composition Seminar	Yale University
2023	<i>Artificial Intelligence &amp; the Music Industry</i>	Univ. of the Highlands & Islands, Perth, Scotland
2022	<i>SuperCollider &amp; 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

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2017 – Present	<i>Advisory Board</i> : 113 Composer Collective	Minneapolis, MN
2023	<i>Software Design Engineer</i> : Outlier Technology	
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
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
2013 - 2016	<i>Co-Artistic Director</i> : Spitting Image Composer Collective	Twin Cities, MN
2015	<i>Curator &amp; Producer</i> : <i>push / bend / pull</i> concert series	Twin Cities, MN
2014	<i>Curator &amp; Producer</i> : <i>The Hear &amp; Now</i> concert series	Twin Cities, MN

## AWARDS, HONORS, & RESIDENCIES

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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

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2023	Browser Sound Festival: <i>fold</i> , ensemble & video	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>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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11/5/2023	Trio with Dana Jessen & Will Yeager	Never Ending Books, New Haven, CT
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 MIR, Oslo, Norway
3/17/2022	Duo with Inga Margrete Aas	Splendor Amsterdam, NL
11/13/2021	Duo with Anne La Berge	American Academy in Rome, Italy
7/29/2021	Trio with Alípio Neto & Ermanno Baron	American Academy in Rome, Italy
5/20/2021	Duo with Fabrizio Spera	Slate Arts, Chicago, IL
1/18/2020	Duo with Weston Olencki	Hundred Years Gallery, London, UK
11/18/2019	Tonia Ko, Olivier Stankiewicz, & Benedict Taylor	de Ruimte, Amsterdam, NL
11/14/2019	Trio with Anne La Berge & Yung-Tuan Ku	Experimental Sound Studio, Chicago, IL
10/21/2019	Option Series: Trio with Kyle Bruckmann & Macie Stewart	Chicago, IL
10/9/2019	Que4 Radio: Duo with Emerson Hunton	Slate Arts, Chicago, IL
10/4/2019	With Lauren Hayes, Daniel Wyche, & Sarah Plum	Center for New Music, San Francisco, CA
8/8/2019	Duo with Tom Weeks	Elastic Arts, Chicago, IL
3/29/2019	With Katie Young, Dana Jessen, & Erica Dicker	Impromptu Fest, Guarneri Hall, Chicago, IL
3/22/2019	Duo with Tonia Ko	Internationales Musikinstitut, Darmstadt, DE
7/16/2018	Duo with Yung-Tuan Ku	STEIM, Amsterdam, NL
7/5/2018	Duo with Yung-Tuan Ku	North Star Music Festival, Truman State Univ.
10/27/2017	Duo with Tim Aubuchon	Ars Electroacoustica, Minneapolis, MN
3/19/2017	Trio with Jacqueline Ulton & Scott Miller	Fort Lewis College, Durango, CO
10/26/2016	Duo with Kyle Hutchins as Binary Canary	MacPhail Center for Music, Minneapolis, MN
5/22/2016	Duo with Katie Condon (with silent film, <i>Berlin</i> )	Ars Electroacoustica, Reverie, Minneapolis, MN
3/15/2016	Quartet with Jorrit Dijkstra, Nathan Hanson, & Scott Miller	Ars Electroacoustica, The Nicollet, Minneapolis, MN
1/17/2016	Trio with Dan Lippel & Scott Miller	Ars Electroacoustica, Honey, Minneapolis, MN
11/15/2015	Trio with Elaine Evans & Scott Miller	

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](http://tedmooremusic.com/performances-appearances).*

## 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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- 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

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| 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

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|------|---|---|
| 2023 | Splice Festival: <i>DJII: Dana Jessen Improvisation Instrument</i>  | Berklee School of Music                   |
| 2023 | NYC Electronic Music Festival: <i>Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space</i> | New York Univ.                            |
| 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 Technology 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	Workshop Leader: 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 &amp; Composition with Machine Learning &amp; Music Information Retrieval Analysis</i>	Univ. of Chicago
2016	<i>Performance &amp; Lecture: Software Design for Expressive Laptop Improvisation</i>	Fort Lewis College, Durango, CO
2016	<i>Performance &amp; Lecture: Software Design for Expressive Laptop Improvisation</i>	Univ. of North Texas
2014	<i>Performance &amp; Lecture: Software Design for Expressive Laptop Improvisation</i>	Univ. of Wisconsin La Cross

## selected **SOFTWARE** projects & collaborations

code available on [github.com/tedmoore](https://github.com/tedmoore).

2021 - Present	<i>Serge Modular Archive Instrument</i> in collaboration with Jean Brazeau at Simon Frasier University (SuperCollider/C++)
2021 - Present	<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

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2023	Splice Festival V	Berklee School of Music
2023	Browser Sound Festival	Stuttgart, DE
2023	New York City Electroacoustic Music Festival	New York, NY
2023	New Interfaces for Musical Expression (NIME)	Mexico City, MX
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	
2020	Charlotte New Music	University of Birmingham
2020	Victoria Bach Festival	Charlotte, NC
2020	<i>Director</i> : CHIMEFest: <i>CIRCULATIONS</i>	Victoria, TX
2019	Neural Networks for Music	Univ. of Chicago
2019	South by Southwest: Line Upon Line performs <i>tap</i>	Stanford University (CCRMA)
2019	New Music Chicago Impromptu Fest	Austin, TX
2019	MOXsonic	Chicago, IL
2019	N_SEME	Warrensburg, MO
2019	Line Upon Line Winter Composers Festival	University of Virginia
2019	CHIMEFest	Austin, TX
2018	SPLICE Festival	Univ. of Chicago
2018	Western Michigan University	Bowling Green, OH
2018	Pittsburgh New Music Festival	Kalamazoo, MI
2018	Spatial Music Workshop at The Cube	Pittsburgh, PA
2018	World Saxophone Congress	Virginia Tech Univ.
2018	SPLICE Festival	Zagreb, Croatia
2018	Omaha Under the Radar	Bowling Green State Univ.
2018	New York City Electroacoustic Music Festival	Omaha, NE
2018	<i>Darmstadt Open Space</i> : Internationale Musikinstitut Darmstadt	NYC, NY
2018	Music Information Retrieval Workshop	Darmstadt, Germany
2018	BEAMS Marathon Festival	Stanford University (CCRMA)
2018	CHIMEFest	Brandeis University
2018	University of Chicago Carillon Festival	Univ. of Chicago
2018	NUNC3	Univ. of Chicago
2018	MOXsonic	Northwestern Univ.
2018	Precarious Sounds // Sounding Sanctuary	Warrensburg, MO
2017	Iowa Composers Forum Festival	New York Univ.
		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

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

2023	<i>Technical Director</i> : Walden School Creative Musicians Retreat - Video and audio documentation and mastering of live performances	Wolfeboro, NH
2023	<i>Technical Director of Spatial Audio</i> : <i>The William Blake Cycle</i>	SUNY Buffalo
2022	<i>Technical Director of Spatial Audio</i> : <i>The William Blake Cycle</i> in The Cube at the New Music + Technology Festival	Virginia Tech Univ.
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

## REFERENCES

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Pierre Alexandre Tremblay	<i>Professor</i> , University of Huddersfield email: p.a.tremblay@hud.ac.uk              phone: +44 01484 473608
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
Kyle Hutchins	<i>Instructor of Saxophone</i> , Virginia Tech University email: jkhutch@vt.edu                      phone: (540) 231-3907
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## List of MUSIC & MEDIA COMPOSITIONS

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<b><i>nand</i></b> (2023) piano, trumpet, percussion, tape, & video	~10:00
- Splice Ensemble, Splice Festival V, Berklee School of Music, Boston, MA, 11/3/2023	
<b><i>fold</i></b> (2023) piano, feedback saxophone & bass clarinet, & video	~20:00
- Jana de Troyer, Curt Miller, and Alex Waite, Browser Sound Festival, Kultur Kiosk, Stuttgart, DE, 7/21/2023	
<b><i>saccades</i></b> (2022) saxophone, electronics, tape, & video	~16:00
- Kyle Hutchins, SUNY Buffalo, 11/16/2023	
- Jorge Sousa, Universidade de Aveiro, Portugal, 6/28/2023	
- Kyle Hutchins, New York City Electroacoustic Music Festival, Sheen Center, 6/21/2023	
- Kyle Hutchins, Art Rat 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	
<b><i>sine</i></b> (2022) multichannel audio	~40:00
- <i>Commissioned by the PHONOS Foundation</i>	
- PHONOS Foundation, Universitat Pompeu Fabra, Barcelona, ES, 5/20/2022	
<b><i>lacunae</i></b> (2021) chamber ensemble & tape	~8:00
- <i>Composed for Wet Ink Ensemble for the EAR TAXI FESTIVAL 2021</i>	
- Wet Ink Ensemble, EAR TAXI FESTIVAL, Chicago, IL, 10/2/2021	
<b><i>noise/gate</i></b> (2021) contrabass & tape	~7:30
- <i>Commissioned by Ensemble Suono Giallo for ilSUONO 2021</i>	

- 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)*
- John Corkill, Beyond This Point, Epiphany Arts, Chicago, IL, 10/25/2023
- John Corkill, University of Chicago Tea Time Concert, 10/12/2023
- 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 + Technologoy 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
- APSIS*** (2016) spatialized chamber ensemble, spatial audio, live electronics, & video ~23:00
- Strains New Music Ensemble, SeenSound: Visual/Music Series, Loop Project Bar, Melbourne, Australia, 3/7/2020
  - 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