Ted Moore

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Composer, Improviser, Intermedia Artist, Educator

EDUCATION

2021	PhD, Music Composition Studied with Sam Pluta and Anthony Cheung	University of Chicago
2011	Master of Arts, Music Composition Studied with Charles Gran & Warren Gooch	Truman State University
2009	Bachelor of Arts, Music (Philosophy minor) cum laude Composition studies with Brooke Joyce	Luther College

POSTDOCTORAL RESEARCH

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.

AWARDS, HONORS, & RESIDENCIES

2024	Keynote Speaker: Dictionary for Multidisciplinary Music Integration	Univ. of Trento, Italy
2023	Winner: Browser Sound Commission Competition	Stuttgart, DE
2022	Composer-in-Residence: PHONOS Foundation	Barcelona, ES
2021	Selected Work: Score Follower: triangle	
2021	Second Place: Robert Avalon Comp., Foundation for Modern Music	Houston, TX
2021	Honorable Mention: Lake George Mus. Fest. Composition Competition	Queensbury, NY
2020	Winner: National Sawdust Composer Competition	New York, NY
2020	Featured Work: Score Follower: tap	
2020	Finalist: [Switch~ Ensemble] Commissioning Prize	New York, NY
2019	Composer-in-Residence: Arts, Sciences, & Culture Initiative	Univ. of Chicago
2018	Finalist: Mivos Quartet, Kantor String Quartet Composition Prize	New York, NY
2018	Artist-in-Residence: STEIM (STudio for Electro-Instrumental Music)	Amsterdam, NL
2017	Composer-in-Residence: Zeitgeist Composer Workshop	St. Paul, MN
2016	Featured Work: Score Follower: if two things	
2015	Composer-in-Residence: Kimmel Harding Nelson Center for the Arts	Nebraska City, NE

$\mathbf{TEACHING}$ & Academic Leadership

	& Freddeniie Zeddersinp	
2024 - Present	 Instructor: Music Engineering and Technology Intro to Computer Music Music & AI Individual Composition Lessons 	Peabody Institute at Johns Hopkins Univ.
2024	Instructor: College Seminar Program - Making Art with AI	Yale University
2023 - 2024	Lecturer: Music Engineering and Technology	Peabody Institute at Johns Hopkins Univ.
2023 - 2024	 Associate Research Scholar Creative Research in the Center for Studies in Music Technology (CSMT) Support of Graduate Composers' projects Workshop Instruction on various music technology topics 	Yale School of Music
2023	Adjunct Assistant Professor of Music - Musical Acoustics	Connecticut College
2022	Adjunct Instructor: Computer Music & Multimedia I - Computer Music & Multimedia (Intro to Max)	Virginia Tech Univ.
2020	Primary Instructor: Music Department - Composing with Sound: Intro to musique concrète, synthesis, recording, & DAWs	Univ. of Chicago
2017 - 2020	 Academic Dean: 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	Faculty: The Walden School (Summer Music Program)	Dublin, NH
2014 - 2017	Adjunct Faculty: McNally Smith College of Music - Synthesis & Sound Design	St. Paul, MN
2014 - 2017	Faculty: Slam Academy (Community Music School) - Music Production in Ableton Live	Minneapolis, MN
2014 - 2017	Composition Faculty: MacPhail Center for Music - Individual Instruction in Composition	Minneapolis, MN
2012 – 2015	 Adjunct Faculty: Art Institutes International (College) Sound Design Max & SuperCollider Audio Production Music Appreciation MIDI Systems 	Minneapolis, MN
2009 - 2011	Primary Instructor: Truman State Univ Aural Skills I & II	Kirksville, MO

$\textbf{WORKSHOP INSTRUCTION:} \ \textit{Machine Learning for Music Making using FluCoMa}$

2024	4 5 Day Workshop	Independently Organized	Held on Zoom
2024	4 1 Day Workshop	University of Pennsylvania	Philadelphia, PA
2024	4 2 Day Workshop	Louisiana State University (remote)	Baton Rouge, LA
2023	B 5 Day Workshop	Center for Computer Research in Music and Acoustics (CCRMA)	Stanford University (online)
2023	3 1 Day Workshop	New York University	Manhattan, NY
2023	3 1 Day Workshop	Rensselaer Polytechnic Institute	Troy, NY
2023	3 1 Day Workshop	Ramapo College	Mahwah, NJ
2023	3 5 Day Workshop	University of Pennsylvania	Philadelphia, PA
2023	3 1 Day Workshop	Music Hackspace: De-Mix Audio with Non-negative Matrix Factorization	London, UK (online)
2023	3 1 Day Workshop	Music Hackspace: Unsupervised Machine Learning	London, UK (online)
2022	2 1 Day Workshop	Music Hackspace: $Neural\ Networks\ in\ FluCoMa$	London, UK (online)
2022	2 1 Day Workshop	Music Hackspace: Intro to FluCoMa	London, UK (online)
2022	2 2 Day Workshop	Catalyst & Technische Universität	Berlin, DE
2022	2 1 Day Workshop	International Computer Music Conference (ICMC)	Univ. of Limerick, Ireland
2022	2 2 Day Workshop	University of Sussex	Brighton, UK
2022	2 2 Day Workshop	Columbia University	New York, NY
2022	2 3 Day Workshop	University of Pennsylvania	Philadelphia, PA
2022	2 2 Day Workshop	Harvestworks	New York, NY
2022	2 1 Day Workshop	Red Room	Baltimore, MD
2022	2 2 Day Workshop	Carnegie Mellon University	Pittsburgh, PA
2022	2 5 Day Workshop	NOTAM	Oslo, NO
2022	2 2 Day Workshop	UC San Diego	San Diego, CA
2022	2 2 Day Workshop	University of Washington	Seattle, WA
2022	2 1 Day Workshop	University of Victoria	Victoria, BC
202	1 2 Day Workshop	New England Conservatory	Boston, MA
202	1 1 Day Workshop	Massachusetts Institute of Technology	Boston, MA
202	1 1 Day Workshop	Harvard University	Boston, MA
202	1 1 Day Workshop	Berklee College of Music	Boston, MA
202	1 1 Day Workshop	Princeton University	Princeton, NJ
202	1 3 Day Workshop	McGill University (CIRMMT)	Montreal, QC
202	1 5 Day Workshop	Hogeschool voor de Kunsten	Utrecht, NL
202	1 1 Day Workshop	Arizona State University	Phoenix, AZ
202	1 1 Day Workshop	University of Chicago	Chicago, IL
202	1 1 Day Workshop	School of the Art Institute of Chicago	Chicago, IL
202	1 1 Day Workshop	The Walden School	Online

GUEST LECTURES

2024 SuperCollider Meetup (online)	NOTAM, Oslo, Norway
2024 Composition Seminar	Peabody Institute at Johns Hopkins Univ.

2023	Computer Music Seminar	Indiana University
2023	Ammerman Center Art & Technology Seminar	Connecticut College
2023	Video Design	Peabody Institute at Johns Hopkins Univ.
2023	Composition Seminar	SUNY Buffalo
2023	Computer Music Seminar	Peabody Institute at Johns Hopkins Univ.
2023	Introduction to Modular Synthesis with VCV Rack	The Walden School
2023	Composition Seminar	Yale University
2023	Artificial Intelligence & the Music Industry	Univ. of the Highlands & Islands, Perth, Scotland
2022	$SuperCollider \ \mathcal{E} \ FluCoMa$	Yale University
2022	Composition Seminar	Virginia Tech Univ.
2022	Composition Seminar	UC San Diego
2022	Composition Seminar	University of Victoria, British Columbia
2021	Creativity with Machine Learning	Columbia University & Bell Labs
2021	School of Arts, Media, & Engineering	Arizona State Univ.
2021	Composition Seminar	New York University
2021	Composition Seminar	DePaul University
2021	Music and AI	Univ. of Chicago
2021	Featured Composer	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

$\mathbf{EMPLOYMENT},\,\mathbf{COMMUNITY}\,\,\mathrm{involvement},\,\&\,\,\mathbf{SERVICE}$

2024	Committee: AI & the Arts	Peabody Institute, Johan Hopkins Univ.
2024	Reviewer: Web Audio Conference	Purdue University
2023	Faculty: Line Upon Line High School Composer Program	Austin, TX
2023	Software Design Engineer: Outlier Technology	
2022	Adjudicator: Score Follower: Spring 2022 Call for Works	
2020	Symposium Director: CIRCULATIONS: Symposium on Live Audio Feedback in Art	Univ. of Chicago
2019 - 2021	Alpha Tester: Fluid Corpus Manipulation Research Project	Univ. of Huddersfield
2019	$Concert\ Producer\ \mathscr{C}\ Spatial\ Audio\ Director\colon Spaces\ Inside\ Spaces$	Chicago, IL

2019	Consultant & Co-Author: American Composers Forum NextNotes Lab Toolkit	St. Paul, MN
2018	Consultant: Mayfield School District: Rhythm Pedagogy Workshop	Cleveland, OH
2017 – Present	Advisory Board: 113 Composer Collective	Minneapolis, MN
2016	Curator & Producer: LoSo concert	St. Paul, MN
2015 – 2017	Curator, Producer, & Laptop Improviser: Ars Electroacoustica concert series: avant-improv featuring electronic & acoustic instruments	Minneapolis, MN
2015 - 2017	$Composer\ Mentor : \ American\ Composers\ Forum\ NextNotesLab$	St. Paul, MN
2015 - 2016	${\it Music~Instructor} \hbox{: Integrated Arts Academy (High School)}$	Chaska, MN
2015	Curator & Producer: $push / bend / pull$ concert series	Twin Cities, MN
2014 - 2015	Music Instructor: St. Paul High School of Recording Arts	St. Paul, MN
2014	Curator & Producer: The Hear & Now concert series	Twin Cities, MN
2013 - 2016	Co-Artistic Director: Spitting Image Composer Collective	Twin Cities, MN

COMMISSIONS

2023	Browser Sound Festival: fold, ensemble & video	Stuttgart, DE
2022	PHONOS Foundation: sine, multichannel audio	Barcelona, ES
2022	Dana Jessen: DJII: Improvisation Software	Oberlin, OH
2021	Ensemble Suono Giallo: noise/gate, for double bass, tape, & video	Città di Castello, Italy
2021	[Switch~ Ensemble]: quartet, for flute, percussion, piano, cello, & video	New York, NY
2020	National Sawdust: triangle, for string quartet & tape	Brooklyn, NY
2020	HOCKET: apsis ii, for piano four hands & tape	Los Angeles, CA
2020	Line Upon Line: for line upon line, video	Austin, TX
2020	Chicago Civic Orchestra: hold, tape	Chicago, IL
2019	Dana Jessen & Erica Dicker: crunch, for bassoon, violin, & tape	New York, NY
2019	Evan Fowler: squall, for trumpet & tape	Iowa City, IA
2019	Line Upon Line: tap, for percussion trio, tape, lights, & video	Austin, TX
2019	Kyle Hutchins: column, for saxophone, HDLA, & lights	Virginia Tech Univ.
2017	Scott Miller: Solstice Orrery, video design	Minneapolis, MN
2017	Patti Cudd: still motion, percussion & live video sampling	Minneapolis, MN
2017	Joey Brink: the curve is exponential, carillon & tape	Univ. of Chicago
2017	Splinter Reeds & Walden School: feedback vii: speak, contain	Dublin, NH
2016	Quince Ensemble & Walden School: only that there's a secret	Dublin, NH
2016	LoSo: APSIS, for flute, cello, percussion, saxophone, electronics, & video	Minneapolis, MN
2016	Jeremy Johnston: it teaches us that it doesn't exist, for feedback cymbal	Minneapolis, MN
2015	Dream Songs Project: FEATHERMUCKER, for voice, guitar, & tape	Minneapolis, MN
2015	ICE & Walden School: thread fork thread, for flute, viola, perc., sax.	Dublin, NH
2015	The Poem is Done Ensemble: if two things, for voice, sax., & elec.	Minneapolis, MN
2014	Skewed Visions Theater: eclipse, for saxophone, electronics, & video	Minneapolis, MN
2014	Spektral Quartet & Walden School: samara, string quartet & alto flute	Dublin, NH
2014	Spitting Image: leviathan, for bass clarinet, electronics, & vases	Minneapolis, MN
2014	Yarn/Wire & Walden School: eyes may be impaired	Minneapolis, MN
2013	RenegadeEnsemble: is himself no more, for saxophone & electronics	Minneapolis, MN
2013	AVIDduo: deepities, for saxophone & flute	Denton, TX
2013	Cedar Cultural Center: $Gilgamesh\ \mathcal{E}\ Enkidu,$ for string quartet & elec.	Minneapolis, MN
2012	RenegadeEnsemble: ice, water, for clarinet	Minneapolis, MN

selected LIVE ELECTRONICS IMPROVISATIONS

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

	tedmooremusic.com/performances-	appearances.
12/10/2024	Duo with Rachel Beetz	Red Room, Baltimore, MD
12/1/2024	Trio with Ermanno Baron & Dan Kinzelman	Metro Core, Rome, Italy
7/11/2024	Duo with Sato Yukie	Strange Fruit Seoul, South Korea
4/6/2024	Duo with Kyle Hutchins	Convivium 33, CUSP Cleveland, OH
11/5/2023	Trio with Dana Jessen & Will Yeager	Never Ending Books, New Haven, CT
4/8/2023	Duo with Luke Rovinsky	Orchard Street, New Haven, CT
4/5/2023	Duo with Matthew Ostrowski	Shift, 411 Kent, Brooklyn, NYC
3/8/2023	Duo with Nina Guo	Century Bar, Philadelphia, PA
1/14/2023	With German Bringas, Don Malfon, Carlos Alegre, Alex Motta, Pablo Rubio Vargas, & Baal Inthy	Jazzorca, Mexico City
7/9/2022	Duo with Nina Guo	K77 Studio, Berlin
7/1/2022	Trio with Kyle Hutchins & Seth Davis	SKRONK, London, UK
5/19/2022	With Ángel Faraldo, Clara Lai, & Ferran Fages	Soda Acústic, Barcelona
4/4/2022	Duo with Ben Opie	Carnegie Mellon Univ. IDeATe Media Lab
3/17/2022	Duo with Inga Margrete Aas	MIR, Oslo, Norway
11/13/2021	Duo with Anne La Berge	Splendor Amsterdam, NL
7/29/2021	Trio with Alípio Neto & Ermanno Baron	American Academy in Rome, Italy
5/20/2021	Duo with Fabrizio Spera	American Academy in Rome, Italy
1/18/2020	Duo with Weston Olencki	Slate Arts, Chicago, IL
11/18/2019	Tonia Ko, Olivier Stankiewicz, & Benedict Taylor	Hundred Years Gallery, London, UK
11/14/2019	Trio with Anne La Berge & Yung-Tuan Ku	de Ruimte, Amsterdam, NL
10/21/2019	Option Series: Trio with Kyle Bruckmann & Macie Stewart	Experimental Sound Studio, Chicago, IL
10/9/2019	Que4 Radio: Duo with Emerson Hunton	Chicago, IL
10/4/2019	With Lauren Hayes, Daniel Wyche, & Sarah Plum	Slate Arts, Chicago, IL
8/8/2019	Duo with Tom Weeks	Center for New Music, San Francisco, CA
3/29/2019	With Katie Young, Dana Jessen, & Erica Dicker	Elastic Arts, Chicago, IL
3/22/2019	Duo with Tonia Ko	Impromptu Fest, Guarneri Hall, Chicago, IL
7/16/2018	Duo with Yung-Tuan Ku	Internationales Musikinstitut, Darmstadt, DE
7/5/2018	Duo with Yung-Tuan Ku	STEIM, Amsterdam, NL
10/27/2017	Duo with Tim Aubuchon	North Star Music Festival, Truman State Univ.
3/19/2017	Trio with Jacqueline Ulton & Scott Miller	Ars Electroacoustica, Minneapolis, MN
10/26/2016	Duo with Kyle Hutchins as Binary Canary	Fort Lewis College, Durango, CO
5/22/2016	Duo with Katie Condon (with silent film, Berlin)	MacPhail Center for Music, Minneapolis, MN

3/15/2016	Quartet with Jorrit Dijkstra,	Ars Electroacoustica,
	Nathan Hanson, & Scott Miller	Reverie, Minneapolis, MN
1/17/2016	Trio with Dan Lippel & Scott Miller	Ars Electroacoustica,
		The Nicollet, Minneapolis, MN
11/15/2015	Trio with Elaine Evans & Scott Miller	Ars Electroacoustica,
		Honey, Minneapolis, MN
10/18/2015	Trio with Davu Seru & Scott Miller	Ars Electroacoustica,
		Honey, Minneapolis, MN
5/31/2015	Binary Canary album release show for $click/blow$	Honey, Minneapolis, MN

SOUND ART INSTALLATIONS using DIY ELECTRONICS

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

- Created in collaboration with composer Katherine Balch
- Peterskapelle, Lucerne Forward Festival, Lucerne, Switzerland, 11/15/2024-11/17/2024
- 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, Translyvania University, Lexington, KY, October 2017
- St. Paul Public Library, St. Paul, MN, 6/15/2013
- Hack Factory, Minneapolis, MN, 4/13/2013
- CCRMA Sound Art Installation Workshop, Stanford University, Palo Alto, CA, June 2012

INTERMEDIA PROJECTS & THEATER / DANCE collaborations

- 2021 Katherine Balch, composer: video design for forgetting
- 2019 University of Chicago: sound design for BODYTALK (dance production)
- 2018 University of Chicago: sound design for The Broken Jug (theater production)
- 2017 Walker Art Museum, Skewed Visions: conception, sound, & video artist for APPETITE
- 2017 Scott Miller, composer: video design for Solstice Orrery
- 2017 Cathrine Dalton, composer: sound design for Bluets
- 2016 Umbrella Collective Theater: music for June
- 2016 Eric F. Avery, performance artist: custom voice modulation software
- 2016 Blake Nellis, choreographer: music for Mad Minute
- 2015 Umbrella Collective Theater: sound design for These Are The Men
- 2014 Hannah Holman, theater artist: conception, sound, music, & production of Persephone
- 2014 Eric F. Avery perf. artist: sound design, music, & sound installation Minneapolis³
- 2014 Blake Nellis, choreographer: music for HWY 57 (dance production)
- 2014 Umbrella Collective Theater: sound design & music for Rapture
- 2014 Megan Clark, theater artist: sound design for Body House
- 2013 Umbrella Collective Theater: music director for Leaves
- 2013 Minnesota Fringe Festival: sound design for Rules of Love
- 2013 Umbrella Collective Theater: sound design & music for Rain Follows the Plow
- 2013 Umbrella Collective Theater: sound design for Emma Woodhouse
- 2012 Nautilus Music-Theater: sound design for The View From Here
- 2012 Freshwater Theater Company: sound design for Since the Kids are Gone
- 2012 Nautilus Music-Theater: sound design for John Cage's Europera 5
- 2012 Umbrella Collective Theater: sound design & music for Care Enough
- 2011 Nautilus Music-Theater: sound design for Joan of Arc

RECORDINGS & RELEASES

- 2023 Nuclear Sonic Fusion (Mother Brain Records): Live improvisations Alípio C. Neto & Ermanno Baron
- 2022 Live In London (Mother Brain Records): Live improvisations with Kyle Hutchins and Seth Davis
- 2022 #What2020SoundsLike: HOCKET piano duo performs apsis ii for piano four hands and tape
- 2022 Live at The Black Dog (Avid Sound Records): improvisations with Hanson, Hutchins, & Miller
- 2021 Banana Split (Noise Pelican Records): improvisations w/ Kyle Hutchins as Binary Canary
- 2021 Make Noise Mayanmar 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

2025	"Making Machine Learning Musical: Reflections on a Year of Teaching FluCoMa"	Journal SEAMUS: vol. 32 no. 1-2
2024	"Musical Agents, Agency, & AI: Towards a Phenomenological Understanding"	International Computer Music Conference (ICMC) 2024 Proceedings
2023	"Serge Modular Archive Instrument (SMAI): Bridging Skeuomorphic & Machine Learning Enabled Interfaces"	New Interfaces for Musical Expression (NIME) 2023 Proceedings
2022	"Expression, Collaboration, and Intuition"	Wet Ink Archive No. 6
2022	"Architecture about Dancing: Creating a Cross Environment, Cross Domain Framework for Creative Coding Musicians" (Co-Author)	Psychology of Programming Interest Group
2021	"Polynomial Functions in Zuraj's Changeover"	Perspectives of New Music Vol. 59 No. 1
2021	"Human and Artificial Intelligence Alignment: AI as Musical Assistant and Collaborator"	PhD Research Univ. of Chicago

RESEARCH PRESENTATIONS

2024	Keynote Speaker: Dictionary for Multidisciplinary Music Integration	Univ. of Trento, Italy
2023	$ \ \ {\rm Splice \ Festival:} \ \textit{DJII: Dana \ Jessen \ Improvisation \ Instrument}$	Berklee School of Music
2023	NYC Electronic Music Festival: Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space	New York Univ.
2023	Open Music Initiative: Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space	Yale University

2023	SEAMUS: Serge Modular Archive Instrument (SMAI): Archiving and Performing Vintage Sound Space	New York University
2023	Music Techology Pedagogy Summit: Making Machine Learning Musical: Reflections on a Year of Teaching FluCoMa	Westminster College, Salt Lake City, Utah
2022	Creative Coding Lab Symposium	Univ. of Huddersfield
2022	Workshop Leader: International Computer Music Conference (ICMC): Teaching Critical Machine Listening and Machine Learning with FluCoMa	Univ. of Limerick, Ireland
2022	Unsupervised Conference: Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians	RNCM & Univ. of Manchester, Manchester, UK
2022	PHONOS Foundation: Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians	Universitat Pompeu Fabra, Barcelona
2022	Society for Electroacousic Music in the United States (SEAMUS): Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians	Western Michigan Univ.
2021	Digital Media Workshop: Enabling Creativity with Data Science and Machine Learning for Techo-Fluent Musicians	Univ. of Chicago
2021	Music in the Information Age: Traveling Salesperson Problem Algorithms for Gesture, Phrase, and Form Generation	Univ. of Calgary
2020	Talking Free Music	Virginia Tech Univ./ Rowan Univ.
2020	CHIMEFest 2020: Interference Patters: analysis of interacting feedbacks in "hollow"	Univ. of Chicago
2020	Spatial Music Workshop Reunion: Non-negative Matrix Factorization for Spatial Music Composition	Virginia Tech Univ.
2019	FluCoMa Plenary Session: Preserving User-Defined Expression through Dimensionality Reduction	Univ. of Huddersfield
2019	Digital Media Workshop: Machine Learning Applications for Live Computer Music Performance	Univ. of Chicago
2019	CHIMEFest 2019: Approaches to Live Performance & Composition with Machine Learning & Music Information Retrieval Analysis	Univ. of Chicago
2016	Performance & Lecture: Software Design for Expressive Laptop Improvisation	Fort Lewis College, Durango, CO
2016	Performance & Lecture: Software Design for Expressive Laptop Improvisation	Univ. of North Texas
2014	Performance & Lecture: Software Design for Expressive Laptop Improvisation	Univ. of Wisconsin La Cross

selected ${f SOFTWARE}$ projects & collaborations

 ${\it code\ available\ on\ github.com/tedmoore.}$

2021 - Present	$\begin{tabular}{ll} Serge\ Modular\ Archive\ Instrument\ in\ collaboration\ with\ Jean\ Brazeau\ at\ Simon\ Frasier\ University\ (SuperCollider/C++) \end{tabular}$
2021 - Present	\mid DJH 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</i>
	and Death of Eric F. Avery (SuperCollider)
2016	$\label{thm:microtonal} \textit{Microtonal Keyboard} \ \text{Commissioned by composer Katherine Balch (SuperCollider)}$
2012 - Present	Module Tensor (Live Laptop Improvisation Instrument, SuperCollider)

FESTIVALS, CONFERENCES, & WORKSHOPS

2024	Keynote Speaker: Dictorary for Multidisciplinary Music Integration	Univ. of Trento, Italy
2024	Lucerne Forward Festival	Lucerne, Switzerland
2024	Artificial Intelligence in Music Creativity	Oxford Univ.
2024	International Computer Music Conference	Seoul, South Korea
2024	Sound and Music Computing (SMC)	Porto, Portugal
2024	Performing Media Festival	Indiana University South Bend
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	Unsupervised Conference	RNCM & Univ. of Manchester
2022	International Computer Music Conference (ICMC)	Univ. of Limerick, Ireland
2022	Society for Electroacousic 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 UnivPurdue Univ.
2021	SEAMUS 2021 Online Conference	
2021	BEAST FEaST	University of Birmingham
2020	Charlotte New Music	Charlotte, NC
2020	Victoria Bach Festival	Victoria, TX
2020	Director: CHIMEFest: CIRCULATIONS	Univ. of Chicago
2019	Neural Networks for Music	Stanford University (CCRMA)
2019	South by Southwest: Line Upon Line performs tap	Austin, TX
2019	New Music Chicago Impromptu Fest	Chicago, IL
2019	MOXsonic	Warrensburg, MO
2019	N_SEME	University of Virginia
2019	Line Upon Line Winter Composers Festival	Austin, TX
2019	CHIMEFest	Univ. of Chicago
2018	SPLICE Festival	Bowling Green, OH

2018Pittsburgh New Music FestivalPittsburgh, PA2018Spatial Music Workshop at The CubeVirginia Tech Univ.2018World Saxophone CongressZagreb, Croatia2018SPLICE FestivalBowling Green State Univ.2018Omaha Under the RadarOmaha, NE2018New York City Electroacoustic Music FestivalNYC, NY2018New York City Electroacoustic Music FestivalNYC, NY2018Music Information Retrieval WorkshopStanford University (CCRMA)2018BEAMS Marathon FestivalBrandeis University2018CHIMEFestUniv. of Chicago2018University of Chicago Carillon FestivalUniv. of Chicago2018NUNC3Northwestern Univ.2018MOXsonicWarrensburg, MO2018Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Society for Electroacoustic Music in the United StatesSt. Cloud, MN2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Reembodied Sound: Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016North American Saxophone AllianceTexas Tech Univ.2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2014Luther College Composition FestivalTruman State, Univ.2014Luther College Composition Fes	2018	Western Michigan University	Kalamazoo, MI
2018World Saxophone CongressZagreb, Croatia2018SPLICE FestivalBowling Green State Univ.2018Omaha Under the RadarOmaha, NE2018New York City Electroacoustic Music FestivalNYC, NY2018Darmstadt Open Space: Internationale Musikinstitut DarmstadtDarmstadt, Germany2018Music Information Retrieval WorkshopStanford University (CCRMA)2018BEAMS Marathon FestivalBrandeis University2018CHIMEFestUniv. of Chicago2018University of Chicago Carillon FestivalUniv. of Chicago2018NOXC3Northwestern Univ.2018MOXsonicWarrensburg, MO2018Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Iowa Composers Forum FestivalDecorah, IA2017North Star Music FestivalTuman State Univ.2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Reembodied Sound: Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016North American Saxophone AllianceTexas Tech Univ.2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2014Luther College Composition FestivalPredericksburg, VA2014Luther College Composition Festival <td>2018</td> <td>Pittsburgh New Music Festival</td> <td>Pittsburgh, PA</td>	2018	Pittsburgh New Music Festival	Pittsburgh, PA
2018SPLICE FestivalBowling Green State Univ.2018Omaha Under the RadarOmaha, NE2018New York City Electroacoustic Music FestivalNYC, NY2018Darmstadt Open Space: Internationale Musikinstitut DarmstadtDarmstadt, Germany2018Music Information Retrieval WorkshopStanford University (CCRMA)2018BEAMS Marathon FestivalBrandeis University2018CHIMEFestUniv. of Chicago2018Univ. of Chicago Carillon FestivalUniv. of Chicago2018NUNC3Northwestern Univ.2018MOXsonicWarrensburg, MO2018Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Iowa Composers Forum FestivalTruman State Univ.2017North Star Music FestivalTruman State Univ.2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Reembodied Sound: Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016North American Saxophone AllianceTexas Tech Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Luther College Composition FestivalTruman State Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Northern Spark FestivalMinneapolis, MN2014New Horizons Music FestivalTruman State, Univ. <t< td=""><td>2018</td><td>Spatial Music Workshop at The Cube</td><td>Virginia Tech Univ.</td></t<>	2018	Spatial Music Workshop at The Cube	Virginia Tech Univ.
2018Omaha Under the RadarOmaha, NE2018New York City Electroacoustic Music FestivalNYC, NY2018Darmstadt Open Space: Internationale Musikinstitut DarmstadtDarmstadt, Germany2018Music Information Retrieval WorkshopStanford University (CCRMA)2018BEAMS Marathon FestivalBrandeis University (CCRMA)2018CHIMEFestUniv. of Chicago2018University of Chicago Carillon FestivalUniv. of Chicago2018NUNC3Northwestern Univ.2018MOXsonicWarrensburg, MO2019Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Iowa Composers Forum FestivalDecorah, IA2017North Star Music FestivalTruman State Univ.2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Lipa FestivalAmes, IA2017Reembodied Sound: Transducer Conf.Spectrum, NYC2018Reorbodied Sound: Transducer Conf.Spectrum, NYC2010North American Saxophone AllianceTexas Tech Univ.2011North American Saxophone AllianceTexas Tech Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Luther College Composition FestivalTruman State Univ.2014Northern Spark FestivalPredericksburg, VA2014Luther College Composition FestivalTruman State, Univ.2014New Horizons Music FestivalTruman State,	2018	World Saxophone Congress	Zagreb, Croatia
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2018BEAMS Marathon FestivalBrandeis University2018CHIMEFestUniv. of Chicago2018University of Chicago Carillon FestivalUniv. of Chicago2018NUNC3Northwestern Univ.2018MOXsonicWarrensburg, MO2018Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Society for Electroacoustic Music in the United StatesSt. Cloud, MN2017North Star Music FestivalTruman State Univ.2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Reembodied Sound: Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016North American Saxophone AllianceTexas Tech Univ.2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Luther College Composition FestivalLuther College2014Northern Spark FestivalMinneapolis, MN2014Zeitgeist New Music FestivalTruman State, Univ.2014Zeitgeist New Music CabaretSt. Paul, MN2013Minnesota Fringe FestivalTruman State Univ.2014Zeitgeist New Music FestivalTruman State Univ.2013Minnesota Fringe FestivalTruman State Univ. <t< td=""><td>2018</td><td>Darmstadt Open Space: Internationale Musikinstitut Darmstadt</td><td>Darmstadt, Germany</td></t<>	2018	Darmstadt Open Space: Internationale Musikinstitut Darmstadt	Darmstadt, Germany
2018CHIMEFestUniv. of Chicago2018University of Chicago Carillon FestivalUniv. of Chicago2018NUNC3Northwestern Univ.2018MOXsonicWarrensburg, MO2018Precarious Sounds // Sounding SanctuaryNew York Univ.2017Iowa Composers Forum FestivalDecorah, IA2017Society for Electroacoustic Music in the United StatesSt. Cloud, MN2017North Star Music FestivalTruman State Univ.2017Installation Artist: Studio 300 Digital Art & Music FestivalLexington, KY2017Lipa FestivalAmes, IA2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016NyC Electroacoustic Music FestivalNew York, NY2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2014Electroacoustic Barn DanceFredericksburg, VA2014Luther College Composition FestivalLuther College2014Northern Spark FestivalMinneapolis, MN2014Zeitgeist New Music CabaretSt. Paul, MN2013Minnesota Fringe FestivalTruman State Univ.2013Minnesota Fringe FestivalMinneapolis, MN2013New Horizons Music FestivalTruman State Univ.2013Installation Artist: St. Paul Public Library Maker FaireSt. Paul, MN	2018	Music Information Retrieval Workshop	Stanford University (CCRMA)
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2017Installation Artist:Studio 300 Digital Art & Music FestivalLexington, KY2017Lipa FestivalAmes, IA2017Reembodied Sound:Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016North American Saxophone AllianceTexas Tech Univ.2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Electroacoustic Barn DanceFredericksburg, VA2014Luther College Composition FestivalLuther College2014Northern Spark FestivalMinneapolis, MN2014Vew Horizons Music FestivalTruman State, Univ.2014Zeitgeist New Music CabaretSt. Paul, MN2013Minnesota Fringe FestivalMinneapolis, MN2013New Horizons Music FestivalTruman State Univ.2013Installation Artist: St. Paul Public Library Maker FaireSt. Paul, MN	2017	Society for Electroacoustic Music in the United States	St. Cloud, MN
2017Lipa FestivalAmes, IA2017Reembodied Sound: Transducer Conf.Spectrum, NYC2017Root SignalsGeorgia Southern Univ.2016NYC Electroacoustic Music FestivalNew York, NY2016North American Saxophone AllianceTexas Tech Univ.2016American Composers Forum 2016 ShowcaseSt. Paul, MN2015Binary Canary at New Horizons Music FestivalTruman State Univ.2015Zeitgeist New Music CabaretSt. Paul, MN2014Electroacoustic Barn DanceFredericksburg, VA2014Luther College Composition FestivalLuther College2014Northern Spark FestivalMinneapolis, MN2014New Horizons Music FestivalTruman State, Univ.2014Zeitgeist New Music CabaretSt. Paul, MN2013Minneapolis, MNMinneapolis, MN2013New Horizons Music FestivalMinneapolis, MN2013Installation Artist: St. Paul Public Library Maker FaireSt. Paul, MN	2017	North Star Music Festival	Truman State Univ.
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2013 Installation Artist: St. Paul Public Library Maker Faire St. Paul, MN	2013	Minnesota Fringe Festival	Minneapolis, MN
	2013	New Horizons Music Festival	Truman State Univ.
	2013	Installation Artist: St. Paul Public Library Maker Faire	St. Paul, MN
2013 Society of Composers Regional Conference Eastern Kentucky Univ.	2013	Society of Composers Regional Conference	Eastern Kentucky Univ.
2013 TC Make Maker Faire Minneapolis, MN	2013	TC Make Maker Faire	Minneapolis, MN
2013 Society of Composers Regional Conference Clarke Univ.	2013	Society of Composers Regional Conference	Clarke Univ.
2012 New Music Forum, Trinity Chapel Berkeley, CA	2012	New Music Forum, Trinity Chapel	Berkeley, CA
2012 Sound Art Installations Stanford University (CCRMA)	2012	Sound Art Installations	Stanford University (CCRMA)
2011 Perceptual Audio Coding Stanford University (CCRMA)	2011	Perceptual Audio Coding	Stanford University (CCRMA)

AUDIO ENGINEERING & studio work

2023 - Present	Technical Director: Walden School Creative Musicians Retreat	
2023	$ \ \textit{Technical Director of Spatial Audio: The William Blake Cycle} \text{SUNY Buffalo}$	
2022	Technical Director of Spatial Audio: The William Blake Cycle in Virginia Tech Uni The Cube at the New Music + Technology Festival	v.
2020	$ \ \textit{Technical Director} \colon \text{CHIMEFest} \qquad \qquad \text{Univ. of Chicago}$	
2020	Mix Engeineer: arb (Carrier Records) duo album by bassoonist Chicago, IL Ben Roidl-Ward & clarinetist Zach Good	
2020	Mix Engeineer: DIET OF ELECTRIC WORMS (Avid Sound Blacksburg, VA Records) saxophonist Kyle Hutchins & electronicist Eric Lyon	
2020	Technical Assistance: MUSIC'S OVER: Listening with Peter Chicago, IL Ablinger festival, Wet Ink Ensemble & Aperiodic Ensemble	
2020	Assistant Recording Engineer: Glossolalia / Lines on Black, Wet Chicago, IL Ink Ensemble (Carrier Records)	
2019		
2018 - 2020	$ \ \textit{Recording Engineer} \colon \text{Rehearsals of the Grossman Ensemble} \qquad \qquad \text{Univ. of Chicago}$	
2018	$ \ \textit{Assistant Technical Director} : \ \textit{CHIMEFest} \\ \\ \ \textit{Univ. of Chicago}$	

REFERENCES

Sam Pluta	Associate Professor of Computer Music, Peabody Inst. of Johns Hopkins email: spluta1@jhu.edu phone: (646) 544-6149	Univ.
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Pierre Alexandre Tremblay	$Research\ Professor\ in\ Composition,\ Conservatorio\ della\ Svizzera\ Italiana\ email:\ tremblap@gmail.com$	
Anne La Berge	Flutist, Improviser, Composer, Amsterdam, The Netherlands email: alb@annelaberge.com	
Kyle Hutchins	Instructor of Saxophone, Virginia Tech University email: jkhutch@vt.edu phone: (540) 231-3907	
Seth Brenzel	Executive Director, The Walden School email: sbrenzel@waldenschool.org phone: (415) 648-4710	

List of MUSIC & MEDIA COMPOSITIONS

 \boldsymbol{arco} (2024) violin, tape, & video

 $\sim 30:00$

- Marco Fusi, University of Huddersfield, UK, 6/8/24

 \boldsymbol{nan} (2023) fixed media tape & video

 $\sim 10:00$

- Sound and Music Computing Conference (SMC), Escola Superior de Música e Artes do Espetáculo, Porto, Portugal, 7/6/2024

- New York City Electroacoustic Music Festival, 6/16/2024

nand (2023) piano, trumpet, percussion, tape, & video

 $\sim 10:00$

- Splice Ensemble, Splice Festival V, Berklee School of Music, Boston, MA, 11/3/2023

fold (2023) piano, feedback saxophone & bass clarinet, & video

 $\sim 20:00$

 Jana de Troyer, Curt Miller, and Alex Waite, Browser Sound Festival, Kultur Kiosk, Stuttgart, DE, 7/21/2023

saccades (2022) saxophone, tape, & video

 $\sim 16:00$

- Jorge Sousa, Conservatório de Música, Vila de Conde, Portugal, 10/18/2024
- David Zucchi, Artificial Intelligence and Musical Creativity (AIMC), Oxford Univ., Oxford, UK, 9/9/2024
- Kyle Hutchins, International Computer Music Conference (ICMC), Hanyang Univ., Seoul, South Korea, 7/13/2024
- Jorge Sousa, Sound and Music Computing Conference (SMC), Escola Superior de Música e Artes do Espetáculo, Porto, Portugal, 7/6/2024
- Kyle Hutchins, Allosphere, UC Santa Barbara, 4/27/2024
- Kyle Hutchins, Convivium 33 Gallery, Cleveland Uncommon Sound Project, 4/6/2024
- Kyle Hutchins, House Show, Pittsburgh, PA, 3/9/2024
- Kyle Hutchins, Performing Media Festival, Indiana University South Bend, 3/7/2024
- Jorge Sousa, World Saxophone Congress, Canary Islands, ES, 12/10/2023
- 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

sine~(2022) multichannel audio

~40:00

- Commissioned by the PHONOS Foundation
- PHONOS Foundation, Universitat Pompeu Fabra, Barcelona, ES, 5/20/2022

lacunae (2021) chamber ensemble & tape

 $\sim 8:00$

- Composed for Wet Ink Ensemble for the EAR TAXI FESTIVAL 2021
- Wet Ink Ensemble, EAR TAXI FESTIVAL, Chicago, IL, 10/2/2021

noise/gate (2021) contrabass, tape, & video

 $\sim 7:30$

- Commissioned by Ensemble Suono Giallo for ilSUONO 2021
- Ensemble Suono Giallo, Città di Castello, 7/29/2021

quartet (2021) flute, cello, piano, percussion, & video processing

 $\sim 11:00$

- 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	$\sim 1:30$
 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	$\sim 1:30$
 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	\sim 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 	
$\it where is where we are (2019)$ 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 	0
\boldsymbol{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 	
patina (2018) orchestra	~7:00
- Recorded by Chicago Civic Orchestra, $2/5/2019$ (performance cancelled due to weather)	

\boldsymbol{column} (2018) saxophone, 140 channel audio, tape, & DMX lights	$\sim 22:00$
 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 	
\boldsymbol{alloy} (2018) saxophone & feedback cymbal	~15:00
 structured improvisation created in collaboration with saxophonist Kyle Hutchins with Kyle Hutchins, Convivium 33 Gallery, Cleveland Uncommon Sound Project, Cleveland, OH, with Kyle Hutchins, SKRONK, London, UK, 7/1/2022 with Kyle Hutchins, Southwest Electronic Music Festival, Arizona State University, 10/16/2021 with Kyle Hutchins, Constellation, Chicago, IL, 11/3/2019 	4/6/2024
${\it circle}~(2018)$ string quartet, multichannel audio, DMX lighting, feedback PVC tubes	$\sim 24:00$
 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 	
\boldsymbol{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 	
\boldsymbol{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 percussionst Patti Cudd & MacPhail Center for Music - Appears on album on Patti Cudd's album "Still Motion" (Sideband Records)	

- Ensemble Mise-En (Josh Perry), Mise-En Place, Brooklyn, NY, 11/8/2024
- 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
- Ensemble Mise-En (Josh Perry), New York, NY, 5/5/2022
- Ensemble Mise-En (Josh Perry), New York, NY, 12/2/2021
- Scot Deal, Earth Day Art Model Festival, 4/22/2021
- Ensemble Mise-En (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

 $\sim 14:00$

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

the curve is exponential (2017) carillon & tape

 $\sim 28:00$

- 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

 $\sim 25:00$

- 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

 $\sim 10:00$

- 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

 $\sim 8:00$

- Commissioned by Quince Contemporary Vocal Ensemble & The Walden School
- Quince Contemporary Vocal Ensemble, The Walden School, Dublin, NH, 7/22/2016

APSIS (2016) spatialized chamber ensemble, spatial audio, live electronics, & video

 $\sim 23:00$

- 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

 $\sim 13:00$

- Commissioned by percussionist Jeremy Johnston
- Ted Moore, Lucerne Forward Festival, Lucerne, Switzerland, 11/15/2024
- 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

 $\sim \! 45:\! 00$

- 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, Mineapolis, 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

 $\sim 10:00$

- 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

 $\sim 16:00$

- 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

 $\sim 21:30$

- 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

$\boldsymbol{Persephone}$ (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

 $\sim 18:30$

- 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

deepities (2013) saxophone & flute

~8:00

- Commissioned by AVIDduo
- Kyle Hutchins & Kendra Wheeler (two alto saxophones version), Campus de Benfica do IPL, Lisbon, Portugal, 12/12/2023
- 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

 $\sim 8:00$

- 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 (2012) string quartet, tape, & live electronics $\sim 60:00$ - 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 eyes may be impaired (2012) piano four hands & two percussionists $\sim 8:30$ - 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 $\sim 5:00$ - RenegadeEnsemble, Studio Z, St. Paul, MN, 5/4/2014 fiery walls (2012) trumpet & live electronics $\sim 4:30$ - 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 $\sim 5:30$ - 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

- Commissioned by RenegadeEnsemble