

Matthew Chamberlain

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EDUCATION

State University of New York at Buffalo 2014-18

Ph.D., Composition

Principal teacher David Felder

Oberlin Conservatory of Music 2009-14

M.M., Conducting; B.M., Composition

Principal Teachers Josh Levine (composition) and Tim Weiss (conducting)

TECHNICAL SKILLS

Multimedia

Max MSP; Pure Data; ChucK; some experience with SuperCollider;

Logic Pro; Pro Tools; Final Cut Pro; Kontakt Scripting;

Adobe Photoshop; Audition; Premiere Pro; After Effects

Notation and Document Generation

Dorico; Sibelius; FontForge

Adobe Indesign; Illustrator; LaTeX

Other Programming and Web Development

Python; Swift; Mathematica

HTML; Javascript; CSS; Craft CMS; Wordpress

LONG TERM CONDUCTING EXPERIENCE

The Slee Sinfonietta 2016-Present

Conductor

Perform several concerts per season of 20th and 21st century music; Ensemble in residence for the June in Buffalo festival; Recent performances include:

- Stephen Hartke's *Ship of State* and my own *Science Fiction Music*
- World premieres of six pieces by student composers at the June in Buffalo festival
- John Harbison's *Mirabai Songs* and Louis Karchin's *Gods of Winter* and *Heaney Songs*
- A Tribute to Bernard Rands: "now again" — *sappho fragments* and *Folk Songs*
- Josh Levine's *Former Selves* and *Four Places, Many More Times*

The Oberlin Conservatory of Music 2018
Guest Conductor, Teaching Artist in Residence

Conducted the second ever performance of *Angel's Bone*, the Pulitzer Prize winning opera by Du Yun; Rehearsed the conservatory's Sinfonietta and Contemporary Music Ensemble on two programs, including three world premieres.

SUNY Buffalo | Contemporary Music Ensemble 2014–16
Conductor, Instructor of Record

Conducted graduate and undergraduate musicians; Managed auditions, rehearsal schedules, music rentals, and equipment purchases, and facilities reservations.

Northern Ohio Youth Orchestras 2013 – 2014
Principal Conductor

Ran a youth orchestra with members age 10–17; Conducted two rehearsals and several sectionals each week; Gave free private lessons to underprivileged students; Founded a project to commission new contemporary music for youth orchestras.

Oberlin Conservatory of Music 2012–14
Assistant Conductor

Assisted in rehearsals for the Contemporary Music Ensemble, Sinfonietta, Chamber Orchestra, and Orchestra; Conducted sectionals and full rehearsals and performed several times per semester; Led more than 30 world premieres of works by student composers.

Oberlin College of Arts and Sciences Orchestra

2012–13

Principal Conductor

Ran and conducted a community orchestra; managed budget, programming, recruitment, auditions, rehearsal scheduling, space reservations, and music rental.

TEACHING EXPERIENCE

Apple

09/18–Present

Creative Expert

Develop and deliver fifty-eight free, publicly accessible educational sessions on music, video editing, and app development, using GarageBand, iMovie, Swift Playgrounds, and Xcode. Provide small group training in Logic Pro and Final Cut Pro. Manage a session schedule for a team of five instructors. Train other instructors.

State University of New York at Buffalo

2014–18

Lecturer

Music Theory for Non-Majors | 2015–18

Taught two classes of 40–50 students, covering the basics of musical notation through the foundations of tonal harmony; Developed multimedia course materials, including video and audio examples; Integrated online assignments and interactive lessons.

Music and Embodied Cognition | 2015

Developed and taught a seminar for 22 students on embodied theories of musical experience, spatio-temporal metaphors, and physical theories of affect; Created video and audio lessons.

Composition Seminar | 2014–15

Led a seminar for six undergraduate composers; Surveyed music written since 1950 through listening, reading, and formal analysis; Introduced tools for audio editing, computer aided composition, and notation; Assigned compositional exercises and workshoped student projects; Gave private lessons.

Oberlin Conservatory of Music

2013–14

Instructor | Summer Composition Workshop

- Taught composition lessons to middle- and high-school students
- Coordinated rehearsals of student pieces with professional musicians
- Organized concerts of finished pieces

Composition and Conducting Lessons 2011–18

Private teacher

- Students of ages 11 through 64

OTHER CONDUCTING ENGAGEMENTS

Esin Gunduz | Recording Project 2017

Conductor

Conducted recording sessions for *Lights on Inanna*, a new composition for chamber ensemble and electronics.

The Faust Project 2017

Conductor

Rehearsed and conducted a professional ensemble in a staged adaptation of Goethe's *Faust* with musical accompaniment.

Peter Eötvös Foundation | Workshop for Conducting Composers 2016

Performing Participant

Conducted THReNSeMBle in rehearsals and performance of *In Ignorance*; Studied with conductors Peter Eötvös and Jean-Philippe Wurtz.

Peter Eötvös Foundation | Mastercourse for Conductors 2015

Performing Participant

Conducted THReNSeMBle in rehearsals of Boulez's *Dérive I*, Hindemith's *Kammermusik 1*, and Manoury's *Passacaille pour Tokyo*; Performed in a concert broadcast over Magyar Rádió.

June in Buffalo Performance Institute 2015

Staff Conductor

Rehearsed and performed Jacob Druckman's *Come Round* with institute participants.

RESIDENCIES AND FELLOWSHIPS

Fondation Royaumont, Academie Voix Nouvelles 09/2018
Composer Laureate

State University of New York at Buffalo 2018
Dissertation Fellowship

Carmargo Foundation 05-6/2018
Artist in Residence

Oberlin Conservatory of Music 01-2/2018
Artist in Residence

Conducted the second ever production of Du Yun's Pulitzer Prize winning opera *Angie's Bone*; rehearsed the Contemporary Music Ensemble and Sinfonietta.

Fondation Royaumont | Academie Voix Nouvelles 08-9/2017
Fellowship via Partnership with June in Buffalo

State University of New York at Buffalo 2014 - 2018
Presidential Fellowship

GRANTS AND AWARDS

State University of New York 2018
Dissertation Fellowship

Robert and Carrol Morris Center for 21st Century Music 2014-18
Enhancement Awards, providing funding for various projects:

Travel to Paris, France for participation in Academie Voix Nouvelles 2017-18

Travel to Budapest for the Eötvös Foundation Conducting Course 2015-16

Professional recording of two new works for string trio 2014-15

State University of New York | Graduate Student Employees Union 2015

Conference Grant

State University of New York | Graduate Student Employees Union 2014

Retention Award

Oberlin Conservatory of Music 2014

Class of 1941 Memorial Scholarship

Oberlin Conservatory of Music 2013

Ernest Hatch Wilkins Memorial Prize for Academic Excellence

Oberlin Conservatory of Music 2013

William R. Hearst Scholarship

TECHNICAL PROJECTS

Graphic Microtonal Voice-leading Engine | Mathematica Library 2018

A Mathematica library offering a suite of methods for generating chord progressions in arbitrarily equally tempered pitch spaces. Chord progressions are generated as paths through a graph of chords, in accordance with user-defined voice-leading preferences.

Microtone Playback Engine | Software Tool 2016–18

A suite of software plugins for Max / MSP and Kontakt Player that facilitate accurate playback of arbitrarily equal tempered pitch materials from within the Bach library's score and roll objects on Kontakt instruments.

Chords on String Instruments | Software Tool 2015–18

A software tool designed to aid composers and music theorist in understanding the physical mechanics entailed by dyads played on string instruments. Offers a suite of methods for stochastically generating chord progressions, allowing the user to modulate the result by controlling the difficulty of the progressions.

Flute Tremolo Fingering Modeler | Software Tool 2014–17

A software tool that models the system of keys used to the play the concert flute. Of-

fers a suite of methods for generating progressions of tremolos that are both individually playable and which easily flow from one to another with respect to the fingerings they require. Allows the user to stochastically generate progressions of tremolos by controlling their physical difficulty.

COMMISSIONS

The Hayley-Laufer Duo	2018–19
<i>Board Games, a song cycle</i>	
Jade Conlee, Pianist and Ginger Dellenbaugh, Contralto	2018–19
<i>Song cycle based on Joe Wenderoth's Letters to Wendy's</i>	
Jade Conlee, Pianist	2018–19
<i>Twenty minute solo, as yet untitled</i>	
Claudia Chan, Pianist with support from Fondation Royaumont	2017–18
<i>Rejected Ballet Music</i>	
Oberlin Conservatory of Music	2017–18
<i>Science Fiction Music, a 15 minute work for sinfonietta</i>	
Michael Matsuno, Flautist with support from UCSD	2016–17
<i>Mime, a flute solo</i>	
Duo Parvenue	2015–16
<i>Little Monument, a duo for oboe and cello</i>	
Ensemble Chartreuse with Support from SUNY at Buffalo	2014
<i>Photo, a string trio</i>	
The Oberlin Brass Ensemble	2013
<i>Plum Creek, a work for brass ensemble</i>	

MASTERCLASSES

Alex Mincek	2017
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Marc Andre	2017
Philippe Leroux	2017
Kaija Saariaho	2017
Krzysztof Penderecki	2016
Bernard Rands	2016
Hilda Paredes	2016
Hans Thomalla	2016
Mathew Rosenblum	2016
Brian Ferneyhough	2015
Augusta Read Thomas	2015
Roger Reynolds	2015
Steven Stucky	2015
Chaya Czernowin	2012, 2014
Julian Anderson	2014
Reiko Fütting	2013

COMPOSITIONS

Rejected Ballet Music 2017
for piano | 10 minutes

Premiered September, 2018 by Claudia Chan.

Commissioned by Claudia Chan with support from Fondation Royaumont.

Science Fiction Music 2017
for sinfonietta | 20 minutes

Premiered March, 2018 by the Oberlin Sinfonietta.

Commissioned by Tim Weiss with support from the Oberlin Conservatory of Music.

Office Park 2017

for ensemble | 10 minutes

Premiered September 2017 in Paris, France by Ensemble Multilaterale.

Commissioned by Fondation Royaumont with support from June in Buffalo

Mime 2017

for solo flute | 12 minutes

Premiered September 2017 in Boston, Massachusetts by Michael Matsuno.

Commissioned by Michael Matsuno with support from UCSD.

Torch Song 2017

for string quartet | 5 minutes

Premiered April 2017 in Buffalo, New York by the Arditti Quartet.

In Ignorance 2016

for ensemble | 9 minutes

Premiered April 2016 in Buffalo, New York by Ensemble LINEA. For Jean-Philippe Wurtz and Ensemble LINEA.

Little Monument 2015

5 minutes; for oboe and cello

Premiered November 2015 in Buffalo, NY by Duo Parvenue. Commissioned by Duo Parvenue.

Three Family Photos 2015

for brass quintet | 11 minutes

Premiered June 2015 in Buffalo, NY by the Meridian Arts Ensemble.

Photo 2014
for string trio | 5 minutes

Premiered November 2014 in Buffalo, NY by Ensemble Chartreuse. Commissioned by Ensemble Chartreuse.

Kimberly from King Street Coffee 2014
for solo organ | 16 minutes

For Justin Murphy-Mancini. Premiered November 2013 in Oberlin, OH by Justin Murphy-Mancini.

Some of Our Pastures 2014
for ensemble and electronics | 11 minutes

Premiered November 2013 in Oberlin, OH by the Oberlin Contemporary Music Ensemble.

Falstaff 2013
for orchestra | 7 minutes

Premiered October 2013 in Oberlin, OH by the Oberlin Orchestra.

Ein Heldenleben 2013
for solo viola | 18 minutes

Premiered April 2013 in Oberlin, OH by Carrie Frey.

OTHER PROFESSIONAL EXPERIENCE

State University of New York at Buffalo | Department of Music 2017–18
Web Content Manager

Manage the Music Department website, coordinating with faculty to publicize courses and events, working with the university web development team to effectively organize site information and write copy that supports recruitment efforts.

Robert and Carrol Morris Center for 21st Century Music 2017–18

Webmaster

Manage the Center website; maintain a Wordpress template for the site; gather and archive audio from the June in Buffalo contemporary music festival and publish them on the site.

Freelance Web Development 2014–18

Custom built portfolio sites for artists, businesses, and other professionals

Personal Portfolio Website | 2018

A website for my portfolio, built on the Craft CMS platform. Features comprehensive support for tracking compositions, performance schedules, reviews, audio recordings, videos, and securely stored performance materials.

Portfolio Website for David Felder | 2016–17

A website for the composer David Felder, built on the Craft CMS platform. Features comprehensive support for tracking a large number of compositions with multiple versions, extensive revision histories, and complex technical requirements. Also tracks published recordings and reviews, cross-referencing each with the relevant compositions throughout the site.

Corporate Website for BroadAspect | 2014–15

A website for the telecom company BroadAspect, built on the Craft CMS platform. Integrated with CRM system for lead generation through web-forms.

Portfolio Website for Annette Poitau | 2014

A website for the visual artist Annette Poitau, built on the Squarespace Developer platform. Supports tracking a large number of works in diverse media, event management, and online purchasing of prints.

Broad Aspect | internet services provider 2009–16

Multiple positions over seven years

Voice over IP Systems Engineer

Designed and implemented VOIP systems; Produced training and marketing materials, documentation, and video; Hired, trained, and supervised support technicians.

Web Developer

Built a new corporate website using Craft CMS; Developed software in Python to automate billing and FCC compliance processes.

Internet Services Field Technician

Installed wireless antennas and other network equipment both indoors and outdoors at client sites; Ran network and terminated cables for phone and computer use.

SMRC | government contractor

2011

Intern: Grant Proposal Coordinator

- Coordinated a team of researchers in drafting a \$30 million grant proposal for the Defense Advanced Research Projects Administration to develop methods for analyzing publicly available social media data
- Drafted technical sections of a grant proposal for the National Agricultural Library

RIVA Solutions | social media consultancy

2011

Intern: Designer and Web Developer

- Created brand materials for a new social-media consultancy, including a logo, website, and business cards, as well as materials for presentations to customers and investors
- Developed a corporate website with Wordpress