

MARC EVANSTEIN

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EDUCATION

PhD in Music Composition – UC Santa Barbara
(Completed Sept. 2019, GPA: 3.98)

Thesis: *Composing (with) Interfaces: Analog and Digital Feedback Loops and the Compositional Process*
Studied with Clarence Barlow, Curtis Roads, and Joel Feigin (composition); Benjamin Levy (theory); Charles Asche (piano)

MS in Media Arts and Technology – UC Santa Barbara
(Completed June 2019)

Capstone Project: *SCAMP, a Suite for Computer-Assisted Music in Python*

MA in Music Composition – UC Santa Barbara
(Completed June 2018)

MA in Music, Science and Technology – Stanford University
(Completed June 2011, GPA: 3.95)

BA in Music – Stanford University
(Completed June 2010, GPA: 3.97)

Phi Beta Kappa, Graduated with Distinction and Departmental Honors
Studied with Jaroslaw Kapuscinski (composition); Thomas Schultz (piano)

COLLEGE-LEVEL INSTRUCTION/EMPLOYMENT

Stanford University – Instructor, CCRMA Summer Workshop
Stanford, CA (remotely) | July 2020

Created course in *Computer-Assisted Music in Python* using my SCAMP libraries.

University of California, Santa Barbara – Teaching Assistant/Associate
Santa Barbara, CA | September 2014 – June 2019

Teaching Associate, MUS 8: Class Composition [[Syllabus](#)], 2018-2019

Teaching Associate, MUS 88: Intermediate Composition (individual lessons), 2018-2019

Teaching Assistant, MUS 4A-F: Musicianship (all levels), 2016-2017

Teaching Assistant, MUS 31A-C: Class Piano (all levels), 2014-2015

2017 UCSB Summer Music Festival – Director
Santa Barbara, CA | March 2017 – August 2017

Applied for grant funding, planned concerts, booked ensembles, managed budget
Festival consisted of 7 concerts over 3 days

Stanford University – Research Assistant in Musicology
Stanford, CA | Summer 2009 – Spring 2011

RECOGNITION

Awards

Outstanding Graduating Graduate Student (by faculty vote), UC Santa Barbara, 2019
Outstanding Graduate Service Award (by faculty vote), UC Santa Barbara, 2019
Chancellor's Fellowship, UC Santa Barbara, 2013-2018
Composition Fellow, Atlantic Music Festival, 2017
Composition Competition Winner, Bowdoin International Music Festival, 2015
Dorothy and Sherrill C. Corwin Awards for Excellence in Music Composition, First Place in Chamber Category, 2018 & 2016; First Place in Vocal Category, 2015
Patrick Butler Undergraduate Prize in Piano Performance, Stanford University, 2010.
H & S Undergraduate Prize in Music Composition, Stanford University, 2009.

Grants

UCSB Summer Culture and Community Grant, 2017 (for Summer Music Festival)
Major Grant, Stanford Undergraduate Advising and Research, 2007.

PUBLICATIONS AND PRESENTATIONS

Peer-reviewed Journal Articles

Evanstein, M., "Composing (with) Interfaces: Analog and Digital Feedback Loops and the Compositional Process". (*submitted for review*), 2021.
Evanstein, M., "Musical Motion at Different Scales: Creative Analysis and Resynthesis of Musical Contour Spectra". *Emille vol.18 (accepted for publication)*, 2021.

Peer-reviewed Conference Papers

Evanstein, M., "Musical Motion at Different Scales: Creative Analysis and Resynthesis of Musical Contour Spectra". *Proceedings of Korean Electro-Acoustic Music Society's Annual Conference (KEAMSAC 2020)*, 2020.
Evanstein, M., "SCAMP: A Suite for Computer-Assisted Music in Python". *SEAMUS 2020 National Conference*, 2020.
Evanstein, M., "Clockblocks: A Pure-Python Library for Controlling Musical Time". *Proceedings of the 2019 International Computer Music Conference*, 2019.

Festival/Conference Presentations

SEAMUS (online), July 2020
International Computer Music Conference, July 2019
Hear Now Music Festival, May 2019
Seoul International Computer Music Festival, 2018
Atlantic Music Festival, Composition Fellow, 2017
Eureka! Musical Minds of California, 2017

Bowdoin International Music Festival Composition Program, 2015
Composing in the Wilderness, 2014
Oregon Bach Festival Composer Symposium, 2013, 2014

Invited Talks/Presentations

"The Computer as Wild Collaborator," (virtual) lecture, UC Merced, Mar. 30th 2021
"The Computer as Wild Collaborator," (virtual) lecture, U. of Illinois, Mar. 23rd 2021
"The Computer as Wild Collaborator," (virtual) lecture, Cal Poly Pomona, Mar. 18th 2021
"Composing with Python and SCAMP," (virtual) lecture, MIT, Nov. 17th 2020
"Composing with Python and SCAMP," DAHC: Digital Discourses Lecture Series, UC Santa Barbara, Mar. 6th 2020
"Composing (with) Interfaces," CCRMA Colloquium, Stanford University, Feb. 19th 2020
"Composing (with) Interfaces," Lewis and Clark College, Feb. 7th 2020

MUSICAL ACTIVITIES

Compositions

Lunar Trajectories [in progress] (2020) for interactive, algorithmically controlled piano, 20'
Marc of Santa Barbara (2019) for flute and live electronics, 4'
Anamnesis (2019) for chamber orchestra, 9'
Unraveled (2018) for percussion quartet and fixed media, 11'
Frozen Spring (2018) for 32-speaker array, (installation)
Intimate Expanse (2018) for string quartet, 10'
Barlicity (2017) for piano and fixed media, 12'
Leaf Loops (2016) for violin and viola, 6.5'
Adagio Cantabile (2016) for oboe and guitar, 5'
Inroads (2016) for stereo fixed media, 4'
Counterflow (2015) for vibraphone, clarinet and double bass, 3.5'
Like as the Waves (2015) for tenor and piano, 3'
Formations (2014) for piano and cued samples, 6.5'
Romance? (2014) for viola and piano, 10'
A Social Network (2014) for two microtonally-tuned guitars, 6.5'
One Wandering Night (2012) for two pianos and two melodicas, 4.5'
Music to Chew On (2011) for 12 voices, one actor and audience, in which the audience eats specific foods while listening, 12'
The Hundred Acre Wood Suite (2008) for chamber orchestra, 25'

Recent Performances of Compositions

Romance? performed by Gavon Peck and Allison Freeman at a virtual concert, December 17th and 19th 2020

The Computer as Wild Collaborator (virtual) concert of my work at the UCSB Summer Music Festival, 2020

Frozen Spring virtually exhibited at SEAMUS 2020 National Conference, 2020

Barlicity presented at International Computer Music Festival, Jul. 2019

Intimate Expanse performed by the Lyris Quartet at Hear Now Music Festival, May 2019

Formations exhibited/performed by Juliann Ma at Heritage Space, Hanoi, Aug.-Sept. 2018

Unraveled performed by the LA Percussion Quartet at UCSB, Aug. 2018

Formations performed with dance (under the title *Isostasy*) as part of *SEAS: Plastics, Coral, Ice, & Earth* by Juliann Ma at Yamaha Artist Services, New York, Apr. 2018

Leaf Loops (3D visualization) presented at the AlloSphere in UC Santa Barbara, Mar. 2018

Intimate Expanse performed by Formalist Quartet at UC Santa Barbara, Jan. 2018

Barlicity presented at the Seoul International Computer Music Festival, Oct. 2017

Leaf Loops performed by Aperture Duo at UCSB Summer Music Festival, Aug. 2017

Inroads presented at Festival Mixtur in Barcelona, Apr. 2017

Adagio Cantabile performed at the Accidental Music Festival, May 2017

One Wandering Night performed by Hocket Duo at LA Community College, Nov. 2016

Releases

A Social Network, released on Ignition Duo's *Ablaze Amidst the Horns*, Jan. 2016

Piano Performance

MIDI Recording of Die Walküre, Act 1 for Holland Festival 2021 *Soft Valkyrie* project

Performer of [contemporary music](#) and [guest artist with the Now Hear Ensemble](#).

Traditional repertoire has included: [Berg Piano Sonata Op. 1](#), "[Alcotts](#)" from [Ives' Concord Sonata](#), Beethoven Six Bagatelles op. 126 and [Sonata op. 109](#), Brahms Op. 119

Piano masterclass with Igor Levit, performing Beethoven op. 126, UCSB, March 2017

TECHNOLOGY

Libraries and Programs Authored

[SCAMP](#) (Algorithmic composition library in Python)

[clockblocks](#) (Polytempo musical clocks library in Python)

[expenvelope](#) (Python library for piecewise exponential curves)

[pymusicxml](#) (Lightweight Python utility for exporting MusicXML)

[Spectral Melodic Contour Explorer](#) (Fourier analysis and resynthesis of melodies)

[Harmonic Visualizer](#) (Harmonic content visualizer)

[Ramify](#) (GUI-based tool for music composition using markov chains.)

Programming Languages

Extensive experience in Python, Java, SuperCollider

Experience with C++, JavaScript, Max/MSP, ChuckK, LilyPond

Application Proficiencies

Audio Editing: REAPER, Audacity

Music Notation: Sibelius, MuseScore, LilyPond

Vector Graphics: Adobe Illustrator, Inkscape

Image Editing: Adobe Photoshop, GNU Image Manipulation Program

Video Editing: Adobe Premier Pro

SERVICE

Santa Barbara Music Club – Board Member

Santa Barbara, CA | March 2020 – Present

College Track, Boyle Heights – Workshop Instructor

Los Angeles, CA (remotely) | June 2020 – July 2020

Created and offered free workshop in Creative Music Programming using Python

Alta Vista Alternative High School – Volunteer Tutor

Santa Barbara, CA | September 2013 – June 2019

Weekly classroom tutor, primarily in Math and Science

OTHER EMPLOYMENT

Self-employed – Workshop Instructor

Virtual | Jan-Feb 2021

Six-week independently-organized workshop in [Computer-Assisted Music in Python](#) using my SCAMP libraries.

Chelsea Miro Educators – Tutor

Santa Barbara, CA | Summer 2019 – Present

Academic tutor, primarily in Math and Science

Self-Employed – Private Teacher

Multiple Locations | September 2008 – Present

Piano, Violin, Composition, Music Theory, Music Programming, Math and Physics

College Track, East Palo Alto – Academic Tutor

East Palo Alto, CA | September 2011 – June 2013

After-school program to help underserved high school students attend/graduate college

Tutoring in a wide variety of subjects, esp. Math, Science, and Writing

SEE College Prep – SAT Tutor and Mentor

Hayward, CA | June 2011 – July 2011

Full-time mentor / tutor working with first-generation college-bound students

LANGUAGE

Spanish and German: Intermediate spoken and written skills

REFERENCES

Jaroslav Kapuscinski, Associate Professor of Music Composition (Stanford University)
jkapusci@stanford.edu • (650) 723-2717

Derek Bermel, Artistic Director (American Composers Orchestra)
dbermel@gmail.com • (917) 574-7337

Curtis Roads, Professor of Media Arts and Technology (UC Santa Barbara)
clang@create.ucsb.edu • (805) 893-2932

Clarence Barlow, Corwin Chair Professor Emeritus of Music Composition (UC Santa Barbara)
barlow@music.ucsb.edu • (805) 455-6514

Joel Feigin, Professor Emeritus of Music Composition (UC Santa Barbara)
feigin@music.ucsb.edu • (805) 681-9705

Charles Asche, Senior Continuing Lecturer of Piano Performance (UC Santa Barbara)
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