

JESSE STILES
Curriculum Vitae
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EMPLOYMENT

2014 - Present *Associate Professor of Sound Media*, School of Music - Carnegie Mellon University. Courtesy appointment in the School of Art. Division chair of the Electronic Music BFA program. Area lead for IDeATe Sonic Arts program. Courses include: Introduction to Signal Processing for Creative Applications, Introduction to Computer Music, Experimental Sound Synthesis, New Markets for Music.

2015 - 2022 *Research Collaborator*, Meta Research Lab. Research collaborator on spatial audio and representation of virtual sound environments in Meta's Pittsburgh-based mixed reality research laboratory.

2010 - 2013 *Music Supervisor* — The Merce Cunningham Dance Company. Produced and performed in more than 200 dance concerts featuring music composed by many leading figures of the 20th and 21st century - including John Cage, David Tudor, Brian Eno, Radiohead, Sigur Ros, and John Paul Jones.

2000 - Present *Multimedia Musician, Artist & Producer* — Partners, presenters, and collaborators include: The Whitney Museum of American Art, Museum of Modern Art PS1, Lincoln Center, The San Francisco Symphony, the New World Symphony, Bavarian State Ballet, The Merce Cunningham Trust, the David Tudor Trust, Lyons Opera Ballet, The Rambert Dance Company, Pauline Oliveros, David Behrman, & Meredith Monk.

EDUCATION

2003 *MFA, Integrated Electronic Arts* - Rensselaer Polytechnic Institute. Studied with: Pauline Oliveros, Dr. Curtis Bahn, Neil Rolnick, Igor Vamos. Courses of interest: Deep Listening, Computer Music, Interactive Arts, Advanced Video, Tactical Media. Thesis topic: Audiovisual Performance.

2000 *BA, Cognitive Science* - Vassar College. Courses of Interest: Perception and Action, Knowledge and Cognition, Seminar on Consciousness, Electronic Music Production. Thesis topic: Music Cognition.

SELECTED PERFORMANCES, COMMISSIONS, AND EXHIBITIONS

2022 *Shift 43* (Shift - 411 Kent, Brooklyn NY) in partnership with Experimental Intermedia: Pauline Harris w. String Noise, Jesse Stiles, Katherine Liberovskaya. Curated by Phill Niblock.

2022 *Great Lakes* (Commission from the Merce Cunningham Trust). Co-composed the score for 21st century revival of Merce Cunningham's dance "Ocean" (with Michael Johnsen).

2022 *Congregation of Drones* (Roulette - Brooklyn, NY). Performance with violinist Pauline Kim Harris.

2022 *Telepos Rerun* (Commission from the Merce Cunningham Trust). Composed the score for 21st century revival of Merce Cunningham's dance "TV Rerun."

2021 *Gate Gallery* (Online). One-month online exhibition with multimedia artist Angela Washko.

2021 *Sonic Gathering XXXVIII* (Online). Online live performance with choreographer/dancers Brandon Collwes, Cemiyon Barber and Nadia Khayrallah, plus composer/musicians John King Music, Christina Wheeler, and Trevor New.

2021 *Infrequent Seams Streamfest* (Online). Telematic performance with violinist Pauline Kim Harris.

2020 *Exploded Ensemble's Quarantine Concert featuring Art at the End of the World* (Online). Produced live telematic music and performance event.

2020 *Sonic Gathering XVI* (Online). Composed and performed live music in telematic dance/music performance series, with John King, Jorge Chikiar, Robert Appleton, Miguel Frasconi, Charles Lane, Dafna Naphtali, Christopher McIntyre, Stephan Moore, Lisa Sokolov, Jesse Stiles, Steve Swell, Leyya Mona Tawil, Diane Roblin and William Winant (music) and Brandon Collwes, Claire Westby, Alexandra Albrecht, Malcolm Malcolm Jason Low, Casey Hess, Cemiyon Barber (dance).

2020 *Experiential Orchestra presents Morning Meditations* (Online). Co-composed music (with Pauline Kim Harris) for curated online series of new music/video art.

2020 *I am a Haunted House* (KST Alloy Theater - Pittsburgh, PA). Co-composed the music (with Angela Washko, as U+1f440) for a multimedia dance performance by Jesse Factor

2020 *Pauline Kim Harris // Sadie Powers // U+1f440 // Jesse Stiles* (3577 Studios - Pittsburgh, PA). Produced and performed in an evening-length concert of experimental music.

2019 *The Guggenheim Museum* (New York, NY). Performed live electronic music at Works & Process, with Pauline Kim Harris (violin).

2019 *Paris Opera* (Palais de Chaillot, Paris France). Performed live electronic music for the Paris Opera Ballet performances of Merce Cunningham's *Walkaround Time* with the composer, David Behrman.

2019 *The Stone* (New York, NY). Performed live electronics in Pauline Kim Harris' *music for violin and two laptops* (Dedicated to David Behrman and Jesse Stiles)

2019 *Night of 100 Solos: A Centennial Event* (Brooklyn Academy of Music - Brooklyn, NY). Composed and performed original score

2019 *Harkness Dance Festival* (92nd Street Y - New York, NY). Composed and performed original score for Dylan Crossman's *Jamais Plus*.

2019 *Project Amelia* (Site specific - Pittsburgh, PA). Sound designer for immersive theater performance.

2019 *Lucrecia Dalt with Jesse Stiles* (3577 Studios - Pittsburgh, PA). Concert with renowned electro-acoustic artist Lucrecia Dalt.

2019 *Drone Not Drones* (The Cedar - Minneapolis, MN). Overnight music performance with John King at legendary ambient music festival.

2019 *Persistence of Pong* (Like Like - Pittsburgh, PA). Playable multimedia installation.

2018 *The Washington Ballet* (Washington DC). Music supervisor for The Washington Ballet's production of Merce Cunningham's Duets with live electronic music by John Cage.

2018 *Oberlin College* (Oberlin, OH). Performed evening length solo electronics piece *Blacklight*.

2018 *UnionDocs* (New York, NY). Performed live score for screening of the experimental film, *The Drunkard's Lament*.

2018 *Subsurface 2018* (Site specific - Pittsburgh, PA). Directed and produced an evening length art and music experience that took place in a 100 year old limestone mine, featuring more than 50 performers and artists.

2018 *Phipps Botanical Garden & Conservatory* (Pittsburgh, PA). Installed two architectural scale audiovisual installation works commissioned for the Phipps Summer show.

2018 *Barbes* (New York, NY). Performed electronics with Brian Adler's percussion ensemble Time Machine.

2017 *Subsurface: Site Specific Site & Sound* (Site specific - Pittsburgh, PA). Directed and produced an evening length art and music experience that took place in a 100 year old limestone mine, featuring more than 50 performers and artists.

2017 *Danspace Project*. Composed and performer the score for Stacy Matthew Spence's evening length dance *This Home is Us*.

2017 *Abrons Art Center* (NYC). Composed and performer the score for Dylan Crossman's evening length dance *Here We Are*.

2017 *Paris Opera*. Music supervisor and performer in Paris Opera's production of Walkaround Time, a dance by Merce Cunningham with live electronic music composed by David Behrman.

2016 *The Deathworks of May Elizabeth Kramner* (Dorothy Uber Bryan Gallery, Bowling Green State University). With *The Poyais Group* (Olivia Robinson, Jesse Ball, and Thordis Bjornsdottir). Generative light, music, and narrative installation.

2016 *Weird Reality - Head Mounted Art & Code* (Carnegie Mellon University). Exhibition of "Head-mounted stems in D, #2" a virtual world audio-visual artwork created with Dan Moore.

2016 *Conference for Research on Choreographic Interfaces* (Brown University). Performance excerpt of "Blue Name" (with Silas Riener), discussion on implementation of machine learning for dance sonification, sat on panel discussing emerging VR tech applications in the arts.

2016 *Vermont College of Fine Arts* (Montpelier, VT). Musician in residence, performing newly commissioned electro-acoustic works.

2016 *MoMA PS1* (NYC, NY). Live score for "[Horizon Events](#)" with Rashaun Mitchell and Silas Riener.

2015 *The Chocolate Factory* (NYC, NY). "[Blue Name](#)" with Silas Riener. Three-week run.

2015 *H30/003* (Pittsburgh, PA). Performance evening-length audiovisual work "[Deja-Rendez Vous](#)" at live video projection event.

2015 *Miller Gallery - "Aftersound"* (Carnegie Mellon University). Exhibited two works of generative sound works in an exhibition dedicated to sonic and audiovisual art.

2015 *WatsON Festival* (Carnegie Mellon University). Commission to create "[Kinderklavierfeld](#)," a generative robotic sound installation.

2014 *Moabit Reverie* (Decker Gallery - Maryland Institute College of Art). With *The Poyais Group* (Olivia Robinson, Jesse Ball, and Thordis Bjornsdottir). Site specific multimedia installation/performance work featuring generative video and sound.

2014 *Pauline Oliveros - Deep Listening Room* (Whitney Biennial, Whitney Museum of American Art). Designer and technical director for multichannel audio-visual installation work.

2014 *Little Flowers - Worlds in Collusion* (Artscape, Baltimore MD). Electroacoustic music performance with Chris Meszler.

2014 *Automatic Cloudbuster Room* (Multimedia exhibition and performance at Johns Hopkins University, Baltimore MD). Multichannel audiovisual installation & performance work.

2013 *White Light Festival* (Lincoln Center, NYC). Sound supervisor/engineer for evening-length program of works by Michel van der Aa at the Manhattan Center Grand Ballroom.

2013 *Modern Lovers* (Plovdiv, Bulgaria). With Olivia Robinson. Large-scale multimedia installation featuring generative light and sound. Exhibited in the ancient Stadium of Philippopolis.

2013 *Moabit Reverie* (Zentrum für Kunst und Urbanistik - Berlin, Germany). With *The Poyais Group* (Olivia Robinson, Jesse Ball, and Thordis Bjornsdottir). Site specific multimedia installation/performance work featuring generative video and sound.

2013 *Edinburgh Festival*. Sound supervisor/engineer for performances of Meredith Monk's "On Behalf of Nature."

2013 *Bavarian State Ballet* (Munich, Germany). Sound supervisor/engineer for performances of Merce Cunningham's "BIPED" (featuring live music composed & performed by Gavin Bryars & Ensemble).

2013 *Synth Nights* (The Kitchen, NYC). Sound supervisor for evening length-concert of music by David Behrman. Performed custom-built electronics in the piece "Open Space with Brass."

2013 *Making the Right Choices: A John Cage Centennial Celebration* (The New World Center in Miami, Florida). Performed as a soloist for the New World Symphony. Performed electronics in

"Song Books" (with Jessye Norman, Meredith Monk, and Joan LaBarbara), and in "Aria with Fontana Mix" (with Meredith Monk).

2013 *Making the Right Choices: A John Cage Centennial Celebration* (The New World Center in Miami, Florida). Sound design for "Imaginary Landscape No. 1" and "Credo in Us."

2012 *Rambert Dance Company* (London). Sound/software design for the Rambert Dance Company's performances of "Sounddance" by Merce Cunningham featuring music by David Tudor.

2012 *Atlas Performing Arts Center* (Washington DC). Sound design/engineering for David Behrman's evening-length performance of "My Dear Siegfried."

2012 *The Deathworks of May Elizabeth Kramner* (The Decker Gallery at the Maryland Institute College of Art). With *The Poyais Group* (Olivia Robinson, Jesse Ball, and Thordis Bjornsdottir). Generative light, music, and narrative installation.

2012 *Lyons Opera Ballet* (Lyons, France). Sound/software design for the Lyons Opera Ballet's performances of "Channels/Inserts" by Merce Cunningham featuring music by David Tudor.

2012 *Carnegie Hall*. Performed as a soloist for the San Francisco Symphony, with Jessye Norman, Meredith Monk, Joan LaBarbara, and Jeremy Denk. (Performed electronics in "Song Books" by John Cage and "Jacob's Room" by Morton Subotnick).

2012 *Davies Hall*. Performed as a soloist for the San Francisco Symphony, with Jessye Norman, Meredith Monk, Joan LaBarbara, and Jeremy Denk. (Performed electronics in "Song Books" by John Cage and "Jacob's Room" by Morton Subotnick).

2011 *Event at the Park Avenue Armory*. Designed a three-dimensional, 18-channel sound installation for the final performance of the Merce Cunningham Dance Company.

2011 *The Deathworks of May Elizabeth Kramner* (The Allen Priebe Gallery, Oshkosh, WI). With *The Poyais Group* (Olivia Robinson, Jesse Ball, and Thordis Bjornsdottir). Generative light, music, and narrative installation.

2011 *Septet for Seven* (multiple venues). Designed the revival of David Tudor's score for the Merce Cunningham Dance Company's performances of "Quartet." Debut performance by Takehisa Kosugi at the Joyce Theater, NYC.

2011 *Music for Merce* (Roulette, NYC). With Stephan Moore. Performance of "In Memoriam Nikola Tesla, Cosmic Engineer" by Pauline Oliveros (1969).

2011 *Event* (University of Iowa, Iowa City, IA). With David Behrman. Performance of site-specific compositions for the Merce Cunningham Dance Company.

2010 *Automatic Speleology* (The Warehouse Gallery, Syracuse, NY). Solo gallery show featuring generative multichannel audio, video, computer controlled LED sculptures, and robotics.

2009 *Collision Theory* (Links Hall - Chicago, IL). Performance with Melissa St. Pierre (as "Technical Drawings") and dancers Darrell Jones & Kirstie Simson.

2009 *The Harmonic Center of the Universe* (Lowell, MA). Generative multimedia installation created in collaboration with Chris Harvey and Olivia Robinson, commissioned by the Revolving Museum with funding from the National Endowment for the Arts.

2009 Onedotzero (EMPAC, Troy, NY). Featured performer in experimental video/live cinema festival.

2009 *Deja Rendez-Vous* (Houston, TX). "Deja Rendez-Vous" - Live site-specific multichannel audio/video performance on custom-built floating video stage.

2008 Issue Project Room, (Brooklyn, NY). Live music performance with prepared pianist Melissa St. Pierre.

2008 Future Tenant (Pittsburgh, PA). Live music performance with prepared pianist Melissa St. Pierre.

2008 BioArt Mixer (RPI, Troy, NY). Live performance in hybrid bioart series.

2008 Montague Phantom Brain Exchange (Turner Falls, MA). Live music performance in experimental multimedia performance series.

2008 *Automatic Closet* (Arts Center of the Capital Region, Troy, NY). Generative multimedia installation.

2008 Time & Space Limited (Hudson, NY). Site-specific multimedia performance of cross-modal music.

2008 Issue Project Room (Brooklyn, NY). Site-specific multichannel performance of cross-modal music.

2007 *Face Removal Services* (various sites). Series of performances with extended sitarist Curtis Bahn.

2007 *Faith Fighter* (various international exhibitions). Composer/Sound designer for tactical media video game.

2007 *Eyebeam* (New York, NY). Exhibition of "TerminalAir" as/with The Institute for Applied Autonomy for the "Interference" show.

2007 *The Official Unofficial Troy Night Out Afterparty* (Troy, NY). Series of live electronic dance music performances as "The Jesse Stiles 3000."

2007 *Issue Project Room* (Brooklyn, NY). Untitled multichannel sound and light performance.

2007 *Ars Electronica* (Linz, Austria). Presented/exhibited "Terminal Air" as/with The Institute for Applied Autonomy.

2006 *The Linoleum Festival* (Moscow). Single channel video work in festival of experimental animation.

2005 *The American Land Museum* (Wendover, UT). Permanent interactive sound/video installation made in collaboration with Olivia Robinson.

- 2004 *The Yes Men* (Various sites) Multimedia producer/director for series of interventions performed by the tactical media group The Yes Men.
- 2004 *The Synaesthesiologists* (Lincoln Center, NYC). Featured live performance at festival for video and new media.
- 2004 *++novel++* (The Deep Listening Space, Kingston, NY). Performance at benefit concert for the Deep Listening Label.
- 2003 *Opening Celebration* (Saratoga Springs, NY). Live multi-channel sound performance with computer-controlled light sculptures presented as the opening event for the city's First Night celebrations.
- 2003 *Tuesdays at P4* (Troy, NY). Weekly performer of live electronic dance music at a dive bar.
- 2003 *Listening in the Sound Kitchen* (Princeton University). Live performance of electronic music.
- 2003 *Nuevo Uova II* (New York, NY). Live music performance with Todd Reynolds and David Cossin featuring compositions by John King, Phil Kline, Michael Gordon, and Ingram Marshall.
- 2003 *Topics in Advanced Facemelting* (Troy, NY). Live multi-channel sound performance with computer-controlled light sculptures in Troy's historic Gasholder building.
- 2003 *The Hemispheric Institute of Performance and Politics 4th Annual Encuentro* (New York, NY). Live sound performance with Nao Bustamante.
- 2003 *A/V Battle, P4.* (Troy, NY). Winner at electronic art battle.
- 2003 *Interarts Festival, Columbia University* (New York, NY). Live electronic music performance with Todd Reynolds and Theo Bleckman.
- 2003 *Music of the Spheres, Lally Digistar II Planetarium* at the Junior Museum (Troy, NY). Live electronic performance with planetarium animation.
- 2003 *Balls to the Wall, Vassar College* (Poughkeepsie, NY). Live electronic music/light performance at dodgeball rave.
- 2003 *Version>03*, Museum of Contemporary Art (Chicago, IL). Festival exhibition of video and sound work.
- 2003 *Rencontres Internationales* (Paris, France). Festival exhibition of video work.
- 2002 *Alternating Currents*, The Deep Listening Space (Kingston, NY). Live electronic music performance using remote collaboration via telephone.
- 2002 *Analogic Sensations*, RIVAA Gallery (New York, NY). Live electronic music performance at festival for Electronic Art.
- 2002 *Still Life with Microphone*, Galapagos Art Space (Brooklyn, NY). Performance with Todd Reynolds, Phil Kline, and Gutbucket.

- 2002 *Soundcheck*, WNYC 93.9 FM, (New York, NY). Live studio performance.
- 2002 *The Troy International Biannual Blowout of Postmodern Masterworks*, Arts Center of the Capital Region (Troy, NY). Experimental video with surround sound.
- 2002 *Live Constructions*, WKCR 89.9FM (New York, NY). Live studio performance.
- 2002 *Time Cube Level Five*, Warehouse 23 (Boston, MA). Electronic music performance featuring live manipulation of a distributed microphone system.
- 2002 *Making Techno in Various Places*, Vassar College (Poughkeepsie, NY). Lecture on / performance of music written while traveling as a Watson Fellow.
- 2001 *Streams*, Arts Center of the Capital Region (Troy, NY). Live electronic music performance.
- 2001 *Cathedral 2001*, Galapagos Art Space (Brooklyn, NY). Live electronic music performance.
- 2001 *Watson Fellow Symposium*, Bryn Mawr College (Bryn Mawr, PA). Discussion and presentation of work as a Watson Fellow.
- 2000 *Composer's Concert*, Vassar College (Poughkeepsie, NY). Music performance.
- 1999 *Quality of Life*, Vassar College (Poughkeepsie, NY). Composed and performed score for experimental theater piece.

AWARDS AND HONORS

- 2020 *Fund for Research and Creativity - The STUDIO for Creative Inquiry*. Grant awarded for support post-production costs for the album "Twenty Twenty" by Congregation of Drones.
- 2019 *National Endowment for the Arts* - Award to fund the experimental performance series "Fail-safe."
- 2018 *Fund for Research and Creativity - The STUDIO for Creative Inquiry*. Grant awarded for the development of new multimedia artwork
- 2015 *Artist in Residence - The STUDIO for Creative Inquiry* - with Silas Riener.
- 2015 *Frank-Ratchye Fund for Art @ the Frontier Grant* - grant awarded for development of new multimedia performance work in collaboration with Silas Riener.
- 2013 *Fulbright/Hays Grant* – Federal Assistance Award granted to Olivia Robinson and Jesse Stiles by the US Embassy (Bulgaria) in support of their site-specific installation work "Modern Lovers."
- 2013 *Artist in Residence* – Zentrum für Kunst und Urbanistik (Berlin, Germany).
- 2012 *New York Dance and Performance Awards – Outstanding Production in a Large Venue*. Awarded to the Merce Cunningham Dance Company for "Event at the Park Avenue Armory" (Music Supervision, Production, and Sound Design by Jesse Stiles).

- 2011 *Outstanding Achievement (Exhibitions)* – Canadian Museums Association. Awarded to “Ancient Seas,” an immersive audiovisual installation (Sound Design by Jesse Stiles).
- 2010 *Strategic Opportunity Stipend*, the New York Foundation for the Arts.
- 2005 *Artist in Residence Fellowship*, Center for Land Use Interpretation, Wendover Residency Program (Wendover, UT).
- 2003 *Research Fellowship*, Rensselaer Polytechnic Institute.
- 2000 *Watson Fellowship*, The Thomas J. Watson Foundation (Providence, RI). A one-year grant awarded for independent study and travel outside the United States. Traveled in the U.K., India, and Australia for project on Electronic Music Production.

SELECTED RECORDINGS

- 2023 How to See Fall and Know - *ECOLOGIES* (Adhyâropa Records). Co-composer, performer, producer. Forthcoming.
- 2022 Congregation of Drones - *Twenty Twenty* (Every Possible Recording). Co-composer, performer, producer.
- 2018 Bombici - *Plevenski Kyuchek || Acano Mlada Nevesto*. Producer, performer.
- 2015 Pauline Oliveros And Ione – *Water Above Sky Below Now*. Producer.
- 2013 Little Flowers - *Yeah/Home* (Araca Records). Co-composer, performer, producer.
- 2011 David Behrman, John King, Takehisa Kosugi, Jesse Stiles & Christian Wolff - *40 minutes and 11 seconds* (Cunningham Dance Foundation). Composer, performer, producer (compilation).
- 2011 Technical Drawings - *The Ruined Map* (Gagarin Records). Co-composer, performer, producer.
- 2010 Jesse Stiles - *The Target Museum* (Specific Recordings) Composer, performer, producer.
- 2005 The Jesse Stiles 3000 - *LIVE AND DIRECT* (Conrex Records). Composer, performer, producer.
- 2002 The Jesse Stiles 3000 - *5 compounds* (Conrex Records). Composer, performer, producer.
- 2001 The Jesse Stiles 3000 - *Watson Songs* (Face Removal Records). Composer, performer, producer.

SELECTED FILMOGRAPHY

- 2021 *Workhorse Queen*. Composer of original soundtrack. Directed by Angela Washko.
- 2020 *The Annotated Field Guide of Ulysses S. Grant*. Supervising sound editor. Directed by Jim Finn.

2016 *NUTS!*, Additional Sound Design & Music. Directed by Penny Lane.

2014 *Zinoviev's Tube*, Composer & Sound Designer. Directed by Jim Finn.

2013 *Encounters with Your Inner Trotsky Child*, Supervising Sound Editor/Designer. Directed by Jim Finn.

2013 *DAREDEVILS*, Sound design. Directed by Stephanie Barber.

2012 *Merce Cunningham Dance Company: Park Avenue Armory Event*, Supervising Sound Editor, Sound designer.

2009 *Molecules to the MAX!*, Supervising Sound Designer/Editor, Co-arranger. Directed by V Owen Bush.

2009 *The Yes Men Fix the World*, Contributing composer. Directed by Andy Bichlbaum & Mike Bonanno (as The Yes Men) and Kurt Engfehr.

2009 *Dick Cheney in a Cold, Dark Cell*, Sound Designer/Editor. Directed by Jim Finn.

2009 *The Commoners*, Supervising Sound Designer/Editor, Composer. Directed by Penny Lane & Jessica Bardsley.

2008 *Juche Idea*, Supervising Sound Designer/Editor. Directed by Jim Finn.

2008 *The Thing that Happened*, Writer/Director/Composer. Co-written with Jesse Ball, Thordis Bjornsdottir, and Olivia Robinson. Co-directed by Olivia Robinson.

VIDEO GAME SCORES

- 2023 [Mother, Player](#). Original score. Game by Angela Washko (forthcoming).
- 2023 [Green New Deal Simulator](#). Original score. Collaboration with Molleindustria.
- 2020 [Democratic Socialism Simulator](#). Original score. Collaboration with Molleindustria.
- 2016 [A Short History of the Gaze](#). Original score. Collaboration with Molleindustria.
- 2012 [Unmanned](#). Original score. Collaboration with Molleindustria.
- 2009 [Every day the same dream](#). Original score. Collaboration with Molleindustria.
- 2008 [Oiligarchy](#). Original score. Collaboration with Molleindustria.
- 2008 [Faith Fighter](#). Original score. Collaboration with Molleindustria.

ACADEMIC PUBLICATIONS

- 2020 [Twisted Signals](#). Online/hybrid course for creative coding.
- 2018 MOM: an Extensible Platform for Rapid Design and Prototyping of Portable Electroacoustic Instruments. Co-authored with Daniel McNamara and Ali Momeni. [NIME Proceedings](#).
- 2015 An Online Interactive Course on Computer Music. Co-authored with Roger B. Dannenberg, Yuezhang Li, and Qiao Zhang. [ICMC Proceedings](#).

TEACHING

- 2014 - Present. *Associate Professor of Sound Media*, School of Music (Carnegie Mellon University). Courses: Introduction to Signal Processing for Creative Applications, Introduction to Computer Music, Experimental Sound Synthesis, New Markets for Music.
- 2013 *Adjunct Professor*, Arts Department (University of Maryland Baltimore County). Taught the a special topics course on software programming for artists covering topics including Max/MSP/Jitter, Processing, Arduino, 3D printing, and the Kinect camera.
- 2012 *Adjunct Professor*, Arts Department (University of Maryland Baltimore County). Taught the a special topics course on software programming for artists covering topics including Max/MSP/Jitter, Processing, Arduino, 3D printing, and the Kinect camera.
- 2010 *Adjunct Professor*, Arts Department (Rensselaer Polytechnic Institute). Taught the Computer Music course covering topics such as physical computing, digital audio/MIDI composition, studio production, field recording, and Max/MSP.
- 2005 *Adjunct Professor*, Media & Performing Arts Department (Massachusetts College of Art). Led courses in sound art and interactive art.

2005 *Adjunct Professor*, Arts Department (Rensselaer Polytechnic Institute). Taught the Computer Music course covering topics such as digital audio/ MIDI composition, studio production, field recording, and Max/MSP.

2003 *Teaching Assistant*, Arts Department (Rensselaer Polytechnic Institute). Lectured and gave lessons in various topics including digital audio/MIDI composition, studio production, field recording, and Max/MSP.

2000 *Teaching Assistant*, Music Department (Vassar College). Gave group lessons in year-long course on Electronic Music Production.