

# NICOLE L. CARROLL

## COMPOSER. PERFORMER. SOUND DESIGNER. BUILDER.

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### RESEARCH AND TEACHING INTERESTS

Music Composition (Acoustic and Electronic), Instrument/Controller Design, Video, AV Performance and Programming (Max/MSP/Jitter/SuperCollider), Analog Synthesis, Acoustic Ecology, Noise

### EDUCATION

#### ACADEMIC DEGREES

- 2019(e) **PhD**, Computer Music and Multimedia, Brown University, Providence, RI  
Dissertation Project: *Orrery Arcana: Musical Materiality through Esoteric Devices*, a self-made modular hardware controller and software system for real-time audio-visual performance.  
Presented October 2, 2018
- 2017 **MA**, Computer Music and Multimedia, Brown University, Thesis: *Not to Touch the Earth*
- 2005 **MM**, Composition, Bowling Green State University, Bowling Green, OH, Thesis: *Awakenings*
- 2003 **BM**, Composition, Bassoon Performance, Magna cum laude in Honors, Arkansas State University, Jonesboro, AR

### RECENT POSITION

June 2017-August 2018 Adjunct Research Fellow, Queensland Conservatorium/Griffith University, Brisbane, AU

### WORKSHOPS/FURTHER TRAINING

- 2018 **Brown University Sheridan Center** Providence, RI: Teaching Seminar, Certificate 12/18
- 2008-14 **Harvestworks** New York, NY: Interactive performance techniques—Max/MSP, Ableton Live, Max for Live, MIDI-controlled robots, circuit bending
- 2013 **3rd Ward** Brooklyn, NY: Introduction to Plastics, DIY Printmaking

### TEACHING EXPERIENCE

- Instructor of Record** Spring 2019, Brown University, Providence, RI  
*Electronic Music Aesthetics, Perception, and Analysis*. (enrollment: 6) Examine electronic music practices through various compositional approaches, styles, and genres. Builds compositional technique through analysis of soundscape, noise, glitch, and drone combined with critical theory readings. Creative outcomes: weekly creative responses and writing assignments to theme for peer critique
- Instructor of Record** Spring 2017, Brown University, Providence, RI  
*Designing Electronic Controllers and Instruments*. (enrollment: 12) Physical computing for the production of alternative music controllers, programming microcontrollers, electronics, fabrication, Max/MSP. Creative outcomes: performances with alternative controllers for peer critique and final concert
- Teaching Assistant** 2015-Present, Brown University, Providence, RI  
*Computers and Music*. Logic, MIDI controllers, digital audio, electronic music composition. Creative outcomes: fixed-media compositions open to peer critique  
*Recording Studio as a Compositional Tool*. Pro Tools, Logic, studio recording techniques and live sound engineering. Creative outcomes: studio recording projects open to peer critique and final public concert  
*Digital Performance*. Jitter, live video processing, camera tracking, projection mapping, lighting. Creative outcomes: interactive performances and installations for peer critique and final public presentation
- Physical Computing Instructor** 2011-2014, Harvestworks, New York, NY  
Physical computing with Arduino, specializing in sensors, motors, and interfacing with Max/MSP
- Guest Sound Design Instructor** Spring 2014, The New School, New York, NY  
System and content sound design, live sound techniques, system installation
- Guest Sound Design Instructor** Spring 2013, The Beacon School, New York, NY  
System and content sound design, live mixing techniques for musicals, system installation

(section continued)

**Music Technology Teaching Assistant** 2003-2005, Bowling Green State Univ, Bowling Green, OH,  
Digital sound synthesis and processing, MIDI, music programming languages (Max/MSP, Csound), audio-visual  
setup, studio maintenance, install audio systems

## TECHNICAL WORK EXPERIENCE

**Freelance Composer/Designer/Sound Engineer** 12/05-Present, Vermont, New York, NY, Providence, RI  
Sound Design/Engineer for video and theater, custom interface design/fabrication

**Intern Coordinator** 2/11-2014, Harvestworks, New York, NY

Manage intern selection, meetings, scheduling and task assignments. A/V set up for performances, classes and  
installations at digital media arts center

**Sound/Light Technician** 2-6/10, Lamb Abbey, Montpelier, VT

Run sound and lighting systems in fixed performance space

**Sound/Light Technician** 5-9/09, Dark Star Lighting and Production, Hinesburg, VT

Install and run sound and lighting systems, equipment maintenance and transport

## THEATER/STUDIO DESIGN AND PRODUCTION EXPERIENCE

**Hamlet** Composer/Sound Designer, Shakespeare Shakedown, New York, NY, 3/15

**The Fox** Composer/Sound Designer, Gene Frankel Theater, New York, NY, 7/14

**Monster(s)** Composer/Sound Designer, The New School, New York, NY, 5/14

**Harpisichord Diaries** Sound Designer, audio and illustrated children's book package, Release: 2/14

**Eaten Voices** Composer, Dixon Place, New York, NY, 6/13

**The Light in the Piazza**, Sound Designer, The Beacon School, New York, NY 5/13

**Honky** Sound and Video Op/Show Electrician, Urban Stages, New York, NY, 10-11/13, 3-4/13

**A Midsummer Night's Dream** Sound Designer, Shakespeare Shakedown, Brooklyn, NY 2-3/13

**Inner Voices** Live Sound Engineer/Show Electrician, Urban Stages, New York, NY, 11-12/12

**Hamlet** Composer/Sound Designer, Lost Nation Theater, Montpelier, VT, 9-10/12

**Lyddie** Composer/Sound Designer, Lost Nation Theater, Montpelier, VT, 4-5/12

**Falling Away** Sound Design team, full-length motion picture, 3/12

**Metamorphoses** Composer/Sound Designer, Lost Nation Theater, Montpelier, VT, 9-10/11

**Moonlight and Magnolias** Sound Designer, Lost Nation Theater, Montpelier, VT, 5-6/11

**Star Alarm** Sound Designer, Mud/Bone Collective, New York, NY, 4-5/11

**Tomorrow's Shore** Sound Designer/Technical Director, Trefzger Collective, New York, NY, 3/11

**Honey Brown Eyes** Sound Op, Working Theater, New York, NY, 2-3/10

**Christmas Cabaret series** Sound Engineer, Urban Stages, New York, NY, 11-12/10

**Microcrisis** Sound/Light Board Op, Ma-Yi Theater Company, New York, NY, 9-10/10

**Fully Committed** Sound Designer, Lost Nation Theater, Montpelier, VT, 7-8/10

**Bullet Teeth: Hope Freaks** Recording and Mix Engineer, full-length album, 12/05

**SIGGRAPH: Synesthesia** Composition/Sound Design/Engineer team, promotional video, 6/04

## SELECTED INSTALLATION/CONTROLLER PROJECTS

**Orrery Arcana**, custom modular controller and software for a/v performance, Dissertation Project, 2017-Present

**Byzantine**, capacitive touch matrix developed for spatialization performance, 2015-Present

**Color, Line, Shape, Texture**, for Andrew Demirjian, Mark Andreas, arduino and interface design, 6/13

**Moon River**, for John Delk, 50-channel audio installation, electronics design, 4/13

**Audible Geology**, for Andrew Demirjian, arduino and interface design, 4/13

**custom light conductors**, for Hans Tammen, arduino, interface and electronics design, 2/13, 6/13

**Untitled [Evil Sits on the Chest of a Sleeping Person]**, for Andrea DeFelice, extracted grand piano keyboard-  
converted MIDI controller, Arduino, electronics design, 10/12

**Leave the Bass Alone, 5 Bases**, for Bernd Klug, arduino and feedback sensor to DMX control, 10/12

**Mad Max Noise Vest**, for Jimmy Joe Roche, arduino, interface and electronics design, 7/12

**Outdoor sound-alarm network**, for ROOTS School, interface and electronics design, 7/10

**Lunchbox**, custom "theremin" MIDI controller, for Durians, basic stamp, interface and electronics design, 3/09

## TECHNICAL QUALIFICATIONS

**Programming Languages/Environments** Max/MSP/Jitter, Pure Data, Arduino, MPIDE, SuperCollider, Python, PBasic 2.5, Csound

**Music Production Software** Logic Audio, Pro Tools, Ableton Live, Izotope RX, Reason, Spear, Raven, Amadeus, Audacity, Native Instruments, Waves, GRM, LSDJ and Nanoloop for Gameboy

**Visual/Video Production Software** Adobe and Apple suites for graphic design and video production

**Other Software** Finale, QLab, Eagle, Fritzing, SketchUP

**Video/Lighting Equipment** camcorders, Martin and HES intelligent light and video projection instruments, PixelRange instruments, ETC and Chauvet lighting boards, Matrox triple-head

**Microcontroller/Sensor Systems** Basic Stamp, Arduino, Fubarino, Teensy, XBee wireless, Bluetooth LE, environmental sensors, Kinect and camera sensing, motors

**Electrical Skills** PCB design, soldering, circuit bending, designing and building electronic instruments

**Audio Production Equipment** Analog synthesizers, MIDI controllers, hardware effects units, analog and digital mixing consoles, portable recording units, audio interfaces, microphones

## PROFESSIONAL ACHIEVEMENTS

### RESIDENCIES

2016 **SPLICE** Western Michigan University, Kalamazoo, MI: Composition, SuperCollider

2013 **Atlantic Center for the Arts** New Smyrna Beach, FL: Composition, w/ Judith Shatin

2010 **Atlantic Center for the Arts** New Smyrna Beach, FL: Composition, w/ Josh Davis (Bit Shifter)

2005 **Atlantic Center for the Arts** New Smyrna Beach, FL: Composition, w/ Larry Austin

2004 **June in Buffalo** Buffalo, NY: Electronic music composition

2001 **Brevard Music Center** Brevard, NC: Composition, Bassoon perf, w/ Don Freund, David Cutler

### GRANTS

2018 and 2017 Brown University Joukowsky Summer Research Grant, \$1600

2017-18, 2016-17, 2015-16, 2014-15 Brown Arts Initiative Student Grant, \$2000

### PAPER PUBLICATIONS

**"Everything in its Place: A conceptual framework for anti-music"** (2018), in *Sound Scripts*, The Australian Music Center, (early 2019, anticipated)

**"SPEAR: A Spectral Editing Tool for Novel Editing"** (2018), in *Audio Wings: Journal of the Australian Wildlife Sound Recording Group*, Winter 2018

### SERVICE TO FIELD

committee member: Diversity and Inclusion Action Plan (DIAP), Brown University, 2018-2019

board member: Australian Wildlife Sound Recording Group, 2017-present

reviewer: International Society of Ecoacoustics (ISE) Congress 2018, performance, installation, paper tracks

reviewer: National Student Electronic Music Event (NSEME) 2017, performance track

### SELECTED PERFORMANCES

(ALL WORKS AND PERFORMANCES LISTED SEPARATELY)

**OH2** (2018-Present), with Christine Bonansea Dance Co., Live electronics for ensemble dance  
Dock 11 Berlin, Germany, 11-12/18

**Orrery Arcana** (2018), custom controller and software for a/v performance, Dissertation Project  
Dissertation Concert, Brown University, Providence, RI, 10/18

Dissertation Concert, Queensland Conservatorium, Griffith University, Brisbane, Australia, 4/18

**Beneath the Surface** (2018), Six-channel fixed media with live spatialisation  
Horizon Festival, Mooloolaba, AU, 8/31 - 9/1/18

**In the Liminal Space** (2018), Eight-channel fixed media with live spatialisation  
Burning Man Festival, Black Rock City, NV, USA, 8/18

**What is Unheard is Felt** (2018), Eight-channel fixed media  
International Ecoacoustics Congress 2018, Griffith University, Brisbane, Australia, 6/18

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- Nhoj Elocin** (2017), Live electronics duo project with John Ferguson  
 New Interfaces for Musical Expression (NIME), Virginia Tech University, Blacksburg, VA, US, 6/18  
 Australasian Computer Music Conference (ACMC), University of Adelaide, Adelaide, Australia, 10/17
- OnlyHuman** (2016-Present), with Christine Bonansea Dance Co., Live electronics for solo and ensemble dance  
 Danspace Project, St. Mark's Church in-the-Bowery, NYC, 11/18  
 Plovdiv Drama Theater, Plovdiv, Bulgaria, 3/18  
 Fresh Festival, Joe Goode Anex, San Francisco, CA, 1/18  
 American Dance Abroad, PAMS17, Seoul, South Korea, 10/17  
 Dock 11 Berlin, Germany, 8/17  
 How High is the Glass Ceiling series, Triskelion Arts, NYC, 6/17  
 Movement research series, The Judson, NYC, 3/17  
 APAP Week, The Jack, NYC, 1/17
- Of the Moon, Under the Moon** (2016), Trumpet, live electronics and video  
 2017 Third Practice Electroacoustic Music Festival, University of Richmond, Richmond, VA, 11/17  
 SEAMUS Conference, St. Cloud University, St. Cloud, MN, 4/17  
 Electroacoustic Barndance, University of Mary Washington, Fredericksburg, VA, 11/16  
 SPLICE residency, University of Western Michigan, Kalamazoo, MI, 06/16
- Everything in its Place** (2015), Byzantine custom controller and synthesizer, live electronics  
 Gender Diversity in Music Making Conference, Monash University, Melbourne, Australia, 7/18  
 Alchemy in Experimental Sound Symposium, National Library of Wales, Aberystwyth, Wales, 3/17  
 National Student Electronic Music Event Conference (NSEME), LSU, Baton Rouge, LA, 3/17  
 New Interfaces for Musical Expression (NIME), Griffith University, Brisbane, Australia, 7/16  
 New York Electronic Music Festival (NYCEMF), Abrons Art Center, New York, NY, 6/15
- Hand of Marseilles** (2015), Piano, live electronics New York Electronic Music Festival (NYCEMF), Abrons Art Center, New York, NY, 6/16
- I am Nobody** (2014), soundtrack for short film  
 New Short Film Festival, University of North Carolina at Greensboro, Greensboro, NC, 4/16  
 International Video Poetry Festival, Athens, Greece, 12/15
- Not to Touch the Earth** (2016), Site-specific installation, multichannel audio and video, Masters Thesis  
 Masters Thesis Solo Show, Cohen Gallery, Granoff Center, Brown University, Providence, RI, 2/16
- Star Dust** (2015), Site-specific interactive installation, multichannel audio and video  
 International Computer Music Conference (ICMC), University of North Texas, Denton, TX, 9/15
- Distortion Dora** (2009), Circuit bent instruments and live computer processing  
 Habitación del Rudio, Universidad del Claustro de Sor Juana, Mexico City, Mexico, 3/09
- DynApatheSonus** (2009), Two-channel fixed media  
 Habitación del Rudio, Universidad del Claustro de Sor Juana, Mexico City, Mexico, 3/09
- Intermission** (2009), Two-channel fixed media  
 Habitación del Rudio, Universidad del Claustro de Sor Juana, Mexico City, Mexico, 3/09
- Awakenings** (2005), Digital video, Masters Thesis  
 Habitación del Rudio, Universidad del Claustro de Sor Juana, Mexico City, Mexico, 3/09  
 Society for Electro-Acoustic Music in the United States, Iowa State University, Ames, IA, 3/07  
 Tenth Biennial Arts & Technology Symposium at Connecticut College, New London, CT, 4/06
- Flux** (2004), Eight-channel fixed media  
 Society for Electro-Acoustic Music in the United States, Ball State University, Muncie, IN, 4/05  
 Praecepta, Bowling Green State University, Bowling Green, OH, 4/04 (quadraphonic mix)
- Synesthesia** (2004), Promotional video, digital video  
 Siggraph 2004 Conference, Los Angeles, CA, 8/04
- Soft Sonics** (2003), Two-channel fixed media  
 Bowling Green State University Student Artists Union, Art Show, 10–11/03
- Seeking Reconstruction** (2003), Two-channel fixed media  
 June in Buffalo, State University of New York, Buffalo, NY, 6/04  
 SCI, National Student Conference, University of Iowa, Iowa City, IA 4/04  
 Delta Blues Symposium, Composer's Forum, Arkansas State University, 03/04  
 Electronic Music Midwest, Kansas City, KS, 10/03

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- Travels to Nowhere** (2002), Digital video, quadraphonic sound  
Society of Composers, Inc., Region VI Conference, Jonesboro, AR, 1/04
- my love is building** (2002), Two-channel fixed media  
Praecepta, Bowling Green State University, Bowling Green, OH, 3/04  
Undergraduate Scholar's Day, Arkansas State University, 4/02  
Delta Blues Symposium, Composer's Forum, Arkansas State University, 03/02
- Euchre** (2002), Digital video  
Electronic Music Midwest, Lewis University, Chicago, IL, 12/02
- Colors** (2001), Bass clarinet, marimba, cello  
Brevard Music Center, Brevard, NC, 7/01
- Voiles** (Debussy) (2001), Arrangement for orchestra  
Brevard Music Center, Brevard, NC, 7/01(reading)
- Wilderness** (2001), Digital video  
Praecepta, Bowling Green State University, Bowling Green, OH, 2/04  
Electronic Music Midwest, Kansas City, KS, 3/02
- The Hollow Men** (2001), Two-channel fixed media  
Praecepta, Bowling Green State University, Bowling Green, OH, 2/04
- Seeking** (2000), Flute and clarinet  
Brevard Music Center, Brevard, NC, 7/01  
Delta Blues Symposium, Composer's Forum, Arkansas State University, 03/01

## INVITED LECTURES AND PRESENTATIONS

- "Everything in its Place: a conceptual framework for anti-music,"** Paper Presentation: Totally Huge New Music Conference/Festival, State Library of Western Australia, Perth, AU, 10/17
- "A DIY Approach to Bridging Art, Music, Electronics, and Performance,"** Panel Discussion: Moogfest, Durham, NC 5/17
- "Not to Touch the Earth: Data and Conceptual Mapping Systems,"** Poster Presentation: AV Synthesis Workshop in the Woods, Dartmouth, Hanover, NH 10/16
- "Development Process of the Byzantine Controller,"** Lecture: AV Synthesis Workshop in the Woods, Dartmouth, Hanover, NH 10/15
- "Star Dust: Mapping NASA Orbital Body Data to Audio and Video Synthesis,"** Poster Presentation: AV Synthesis Workshop in the Woods, Dartmouth, Hanover, NH 10/14
- "Mad Max Noise Vest,"** Demo/Display: World Maker Faire, NY Hall of Science, Queens, NY 9/12
- "Bending the Electronic Music Culture,"** Lecture: HOPE conference, New York, NY 6/12
- "Alternative MIDI Controllers,"** Display: World Maker Faire, NY Hall of Science, Queens, NY 9/11
- "Bending, Building, and Controlling,"** Lecture/Workshop: circuit bending, analog synthesizer design, and controller implementation, Langdon Street Café, Montpelier, VT, 3/10
- "Mod Your Memories,"** Installation: Collection of circuit bent instruments on display for look and play, Langdon Street Café, Montpelier, VT, 3/10
- "Circuit Bending: Bending the Electronic Music Culture of the United States,"** Seminar: Universidad del Claustro de Sor Juana, Mexico City, Mexico, 3/09
- "Reality and Nonreality in Jonty Harrison's Unsound Objects,"** Presentation: Composition Seminar, Bowling Green State University, Bowling Green, OH, 2005
- "The Process and Mutations of Seeking Reconstruction,"** Lecture: Delta Composer's Forum, Arkansas State University, Jonesboro, AR, 2003
- "Swimmer of Night, for Narrator, Solo Guitar, Wind Ensemble and Live Computer Processing,"** Lecture: Undergraduate Scholar's Day, ASU, Jonesboro, AR, 2003
- "Electronic Music and the Compositional Process of my love is building,"** Lecture: Undergraduate Scholar's Day, ASU, Jonesboro, AR, 2002
- "The Compositional Process of my love is building,"** Lecture: Delta Composer's Forum, ASU, Jonesboro, AR, 2002
- "The Life and Music of Oliver Messiaen,"** Presentation: Composer's Seminar, ASU, Jonesboro, AR, 2003
- "The Life and Tango of Astor Piazzolla,"** Presentation: Composer's Seminar, ASU, Jonesboro, AR, 2002
- "Electroacoustic Music and its Relevance in Today's Musical Society,"** Lecture: Brevard Music Center, Brevard, NC, Summer 2001

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**"The Compositional Processes and Influences of Film Music in Seeking,"** Lecture: Delta Composer's Forum, ASU, Jonesboro, AR, 2001

**"Inverted Space in Salvatore Sciarrino's, *Lo Spazio Inverso*,"** Presentation: Composer's Seminar, ASU, Jonesboro, AR, 2001

**"Form and Structure Concepts of Anton Webern,"** Presentation: Composer's Seminar, ASU, Jonesboro, AR, 2000

## COMPOSITIONS AND PERFORMANCES

### INSTRUMENT(S) WITH ELECTRONICS

***Of the Moon, Under the Moon*** (2016), Trumpet, live electronics (Max/MSP) and video, Performance: 11/17, 4/17, 11/16, 7/16, 6/16

***Hand of Marseilles*** (2015), Piano, live electronics (Max/MSP), Performance: 6/16, 12/15

***Generations*** (2013), Bassoon, percussion, fixed media

***Not Idle Noise*** (2013), Bassoon, clarinet, guitar, woodblock, live processing (Max/MSP), fixed media, Performance: 6/13

***Untitled Dance Piece*** (2010), Digital video, dance, circuit bent instruments, bass guitar, live processing, Performance: 3/09

***Distortion Dora*** (2009), Circuit bent instruments, live processing, Performance: 3/09

***Noize Etude #1*** (2009), Circuit bent instruments, photo theremin, live processing, Performance: 3/09

***Lament*** (2004), Cello, live computer processing (Max/MSP), Performance: 5/04

***The Juniper Tree*** (2003), Narrator, live processing (Max/MSP)

***Swimmer of Night*** (2002), Honor's Senior Thesis, solo guitar, narrator, wind ensemble, live processing, (Max/MSP), Reading: 11/02

***Requiem*** (2002), Electric guitar with effects, brass quintet, Performance: 12/02

### LIVE ELECTRONIC IMPROVISATION

#### (BESPOKE INSTRUMENTS, CUSTOM MIDI CONTROLLERS, LIVE PROCESSING)

***Waxing Gibbous in Libra***, with Hannah Reardon-Smith, Oscillo Scape, Alchemix, Brisbane, AU: 5/18

***Orrery Arcana***, custom controller and software a/v set, Griffith University, Brisbane, AU: 10/18, 4/18

***Moon in Scorpio***, with Hannah Reardon-Smith, Griffith University, Brisbane, AU: 4/18

***Nhoj Elocin***, duo project with John Ferguson, Griffith University, Brisbane, AU: 4/18

***Moon enters Libra***, w/ Hannah Reardon-Smith, Upper Partialism, Common House, Brisbane, AU:12/17

**n0izmkr with Lana**, Totally Huge New Music Festival, Paper Mountain, Perth, AU: 10/17

***Nhoj Elocin***, with John Ferguson, Oscillo Scape, Alchemix, Brisbane, AU: 10/17

***Nhoj Elocin***, Australasian Computer Music Conference, Elder Hall, Univ of Adelaide, Adelaide, AU: 10/17

**n0izmkr set**, Upper Partialism, Common House, Brisbane, AU: 8/17

***Everything in its Place*** (2015), Byzantine custom controller, synthesizers, live electronics

Performance: 7/18, 8/17, 3/17, 7/16, 6/15, 5/15

**n0izmkr set**, Open Signal, Machines with Magnets, Pawtucket, RI: 4/15

**n0izmkr set**, *Not Idle Noise* bassoon remix, ((audience)) Sound Off, Alwan for the Arts, NY, NY: 8/13

**n0izmkr set**, Seven Immediacies Series, Vol. 6, ThingNY, Vaudeville Park, Brooklyn, NY: 6/12

**n0izmkr with Notendo set**, BinAural/Visual, Vaudeville Park, Brooklyn, NY: 3/12

**n0izmkr set**, Bleeps Over Brooklyn, Brooklyn, NY: 2/12

**n0izmkr with Invaderbacca set**, In/Out Festival, Knitting Factory, Brooklyn, NY: 11/11

**n0izmkr with Robophonic set**, Voltaic/Harmonic, Langdon Street Cafe, Montpelier, VT: 5/09

**n0izmkr guest appearance with Durians**, Langdon Street Cafe, Montpelier, VT: 3/09

**n0izmkr set**, Voltaic/Harmonic, Langdon Street Cafe, Montpelier, VT: 2/09

### TWO-CHANNEL FIXED MEDIA

***Over/Under*** (2016), collection of Arp/SuperCollider pieces: TBR 2019

***Wicker*** (2016), Performance: 7/18, 5/17, 5/16

***Rome Point: Becoming Dusk*** (2015), Performance: 3/18, 12/17, 9/17

***Everything in Time*** (2014), OpenSignal Release: 3/15

***Small Things*** (2014), Performance: 5/14

***Intermission*** (2009), Performance: 3/09

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*DynApatheSonus* (2009), Performance: 3/09  
*Broken Meditations* (2008), Performance: 3/09  
*Soft Sonics* (2003), Installation: 10–11/03  
*Seeking Reconstruction* (2003), Performance: 6/04, 4/04, 10/03, 3/03  
*my love is building* (2002), Performance: 3/02, 4/02, 12/02  
*Bassoon Textures* (2001), Performance: 11/01  
*The Hollow Men* (2001), Performance: 4/01, 3/01  
*Liquid Sky* (2000), Performance: 11/00

## MULTI-CHANNEL

*Beneath the Surface* (2018), Six-channel fixed media with live spatialisation, Performance: 8/31 - 9/1/18  
*In the Liminal Space* (2018), Eight-channel fixed media with live spatialisation, Performance: 7/18, 8/18  
*What is Unheard is Felt* (2018), Eight-channel fixed media, Performance: 6/18  
*Flux* (2004), Eight-channel fixed media, Performance: 4/05, 10/04, 5/04  
*Reflections of the Tao* (2002), Quadraphonic fixed media, Performance: 12/02  
*The Hollow Men {Quadraphonic Remix}* (2002), Quadraphonic fixed media, Performance: 12/02, 4/02

## VIDEO AND ELECTRONIC MEDIA

*I am Nobody* (2014), soundtrack for short film, Showing: 4/16, 12/15  
*Vitruvian Cycle* (2014), live audio and video with dancer, with kinect sensor, Performance: 12/14  
*Sonification* (2012), Soundtrack for Harvestworks promotional video  
*Trotola* (2008), Soundtrack for on-location bicycle tour video, EpicPlanet.tv  
*Awakenings* (2005), Masters Thesis, Digital video, Performance: 3/09, 3/07, 4/06, 10/05  
*Siggraph: Synesthesia* (2004), Digital video, Performance: 8/04  
*Travels to Nowhere* (2002), Digital video, 5.1 sound, Performance: 1/04, 12/02, 11/02  
*Euchre* (2002), Digital video, Performance: 12/02, 11/02, 3/02  
*Wilderness* (2001), Digital video, Performance: 11/02, 3/02, 4/01  
*Frozen Sequence* (2000), Digital video, Performance: 11/02, 4/01, 11/00  
*Night Lights* (2000), Digital video, Performance: 11/02, 4/01, 11/00

## INSTALLATION

*Not to Touch the Earth* (2016), Site-specific installation, multichannel a/v, Masters Thesis, Gallery Show: 02/16  
*Star Dust* (2015), Site-specific interactive installation, multichannel a/v, Gallery Show: 09/15

## WORKS FOR THEATER AND DANCE

*OH2* (2018-Present), Live electronics for ensemble dance, Performances: Dock 11 Berlin, Germany, 11-12/18  
*OnlyHuman* (2016-18), Live electronics with solo dance, Performances: Plovdiv Drama Theater, Plovdiv, Bulgaria, 3/18, Fresh Festival, San Fransisco, CA, 1/18, PAMS, Seoul S. Korea, 10/17, Dock 11, Berlin, 8/17, Triskelion Arts, NYC, 6/17, The Judson, NYC, 3/17, The Jack, NYC, 1/17, Green Space, NYC, 9/16  
*Eaten Voices* (2013), Soprano and fixed media, Dixon Place, New York, NY, 6/13  
*Hamlet* (2012), Cello and fixed media, recorder, Celtic harp, soprano, tenor, Lost Nation Theater, Montpelier, VT, 9-10/12  
*Lyddie* (2012), SATB chorus, violin, flute, piano, fixed media, LNT, Montpelier, VT, 4-5/12  
*Metamorphoses* (2010), Cello, accordion, piano, saxophone, fixed media, LNT, Montpelier, VT, 9-10/11

## ACOUSTIC

*Music of the Tao* (2003), Any instrumentation  
*Shades of the Tao* (2003), Solo piano  
*Snow Falls* (2003), Guitar, vibraphone, piano  
*Swimmer of Night for Solo Guitar* (2003), Solo guitar  
*Tango for Guitar and Cello* (2002), Classical guitar, cello  
*Voiles* (Debussy) (2001), Arrangement for orchestra, Reading: 8/01  
*Tracers* (2001), Flute, clarinet, bassoon, vibraphone, piano, violin, cello, Performance: 12/02  
*Colors* (2001), Bass clarinet, marimba, cello, Performance: 8/01, 4/01

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**Seeking** (2001), Flute, clarinet, Performance: 8/01, 4/01, 3/01, 3/00

**Suite for Solo Clarinet** (2000), Solo clarinet

**Suite for Solo Flute** (2000), Solo flute, Performance: 4/01

**Supernova** (2000), Percussion ensemble, Reading: 4/00

**Her Song** (1999), Solo oboe, Performance: 4/01, 3/00

**Grandmama's House** (1999), Solo violin, Performance: 3/00

**Park People** (1999), Flute, clarinet, bassoon, cello

**Love, War, and Something in Between** (1998), Flute, bassoon, Performance: 3/99

## CURRENT MEMBERSHIPS

Australian Forum for Acoustic Ecology (AFAE)

Australian Wildlife Sound Recording Group (AWSRG), board member

International Computer Music Association (ICMA)

International Society of Ecoacoustics (ISE)

Society for Electro-Acoustic Music in the United States (SEAMUS)

Society of Composers, Inc.

## REFERENCES

Dr. Todd Winkler

Professor of Music, Chair of Music

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