

Paul Riker

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WORK ADDRESS

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EDUCATION

Ph.D., Composition, CUNY – The Graduate Center, 2013 (anticipated)

Computer Music, Composition, and Theory study with Hubert Howe, David Olan, David Del Tredici, Joseph N. Straus, Royal Brown, and Alan Atlas.

GPA: 3.97/4.00 (current)

M.A., Composition, Queens College, 2004.

Computer Music, Composition, and Theory study with Jeff Nichols, Bruce Saylor, Joseph N. Straus, and Henry Burnett;

Thesis: *Cloudsplitter*, premiered by ICE (International Contemporary Ensemble)

GPA: 3.98/4.00

B.M., Music, SUNY Potsdam, 2002.

Composition and Theory study with Paul Siskind, Paul Steinberg, and John McGinness;

Thesis Paper: *A Search for Unity in Webern's Fünf Lieder, Op. 3*

GPA: 3.94/4.00

PROFESSIONAL ACTIVITIES

EMPLOYMENT

Audio Systems Developer: Visualization Lab, King Abdullah University of Science and Technology, Thuwal, Saudi Arabia (2010 – present)

Instructional Technology Fellow: Macaulay Honors College, City University of New York, New York, NY (2009 – 2010)

Adjunct Lecturer: Nassau Community College, Garden City, NY (2008 – 2009)

Adjunct Lecturer: Queens College, City University of New York (2006 – 2009)

Freelance Multimedia Developer and Programmer: (2004 – present)

SOFTWARE DEVELOPMENT

Streetpulse (programmer)

Digital audio programming for Ahmed Angawi's multi-modal installation, "Street Pulse"

Jamboxx (consultant and programmer)

Designed for use by disabled individuals, the Jamboxx is a hands-free instrument, game controller, and digital artists' tool. Interaction with the hardware (blowing, sipping, sliding left/right, and bending up/down) is interpreted via custom software (developed in Max/MSP) to produce musical notes and patterns.

(jamboxx.com)

3D Trichord Space (with Joseph N. Straus and Zachary Seldess)

Three-dimensional computer-generated model of trichordal pitch-class space. The space is fully navigable by an end user, and operates much like a flight simulator video game. The user has the ability to navigate through this space in real time while hearing the unique sonic signature of each distinct trichord in surround sound.

Music Cognition Software

Custom software interface for Eve Poudrier's research in music cognition. The software provides an environment for test subjects to listen and react to complex musical events and records their reactions as text

data in millisecond values. Information is available upon request

Harmonic Dictation Software

This software allows students to load multiple four-voice harmonic dictation examples into a user-friendly interface. The software allows them to listen to examples while independently adjusting the volume for each voice. Information is available upon request.

Microtonal Device Programming

Ongoing software development for distinguished composer Joel Mandelbaum. This custom software is tailored for the use of the TERPSTRA keyboard, and allows for multiple equal-division tunings of the octave and provides audio synthesis.

AUDIO FACILITIES DESIGN/MANAGEMENT:

Visualization Lab, King Abdullah University of Science and Technology:

Operation, Design, and Maintenance of industry-scale state-of-the-art audio spatialization facilities in support of data sonification and virtual reality applications.

Aaron Copland School of Music, Queens College, CUNY:

Co-Managed three computer music labs (8.1, 5.1, 4.0). Software Installation and maintenance for PC and Mac DAWs (Max/MSP, Adobe Audition, Protools, and others). General hardware setup and maintenance.

Monastery Studios, Keeseville, NY:

Audio consultant for the design and setup of this multi-room recording studio.

CO-FOUNDER AND CO-DIRECTOR OF *the New York City Electroacoustic Music Festival*

An international festival and conference for electroacoustic music (April 2009, March 2010)

Please visit www.nycemf.org for more information.

CO-FOUNDER AND CO-DIRECTOR OF *Intermedia Arts Group* www.intermediaartsgroup.com

Development and production of the following events:

“**New Music Now**” Collaboration with composers from Brandeis and Harvard (November 13th – 2008, Elebash Hall, 365 Fifth Ave, New York, NY)

“**CUNY Convergence**” Featuring the works of eight CUNY faculty composers (May 16th – 2008, Segal Theatre, 365 Fifth Ave, New York, NY)

“**Bending Technologies In and Out of Academia**” Featuring Morton Subotnick and “This Spartan Life” (November 7th – 2006, Segal Theatre, 365 Fifth Ave, New York, NY)

“**ARTIFACTS**” An evening of interactive music and media – works by Paul Riker, Zachary Seldess, Nathan Bowen, Rob Collins, and special guest composer Amnon Wolman (May 12th – 2006, Segal Theatre, 365 Fifth Ave, New York, NY)

CONFERENCE/FESTIVAL PRESENTATIONS:

- SIGGRAPH, Vancouver – August 2011
- Society for Electroacoustic Music in the United States (SEAMUS) National Conference, Miami FL – January 2011
- New York City Electroacoustic Music Festival, New York, NY – March 2011
- 12 Nights Electronic Music and Art Festival (Beauty, Horror, and Silence), Miami FL – December 2009
- VideoX Experimental Film and Video Festival; Zurich, Switzerland – May 2009
- European Media Art Festival; Osnabrueck, Germany – April 2009
- New York City Electroacoustic Music Festival (NYCEMF); New York, NY – April 2009
- Society for Electroacoustic Music in the United States (SEAMUS) National Conference; Salt Lake City UT – April 2008
- Florida Electroacoustic Music Festival (FEMF); Gainesville, FL – April 2008
- Society of Composers (SCI) Region II Conference; New York, NY – November 2007
- Florida Electroacoustic Music Festival (FEMF); Gainesville, FL – April 2007
- Society of Composers (SCI) Region II Conference; Hamilton, NY November 2006
- Florida Electroacoustic Music Festival (FEMF); Gainesville, FL – April 2006
- American Composers’ Alliance (ACA) American Music Festival; New York, NY – June 2005

TEACHING

TEACHING EXPERIENCE:

Queens College, CUNY

Chancellor's Fellow and Adjunct Lecturer, Aaron Copland School of Music (2006-2009)

Courses Taught:

MUS 173 (Harmony/Counterpoint/Keyboard I)
MUS 174 (Harmony/Counterpoint/Keyboard II)
MUS 273 (Harmony/Counterpoint/Keyboard III)
MUS 171 (Sight Singing and Dictation I)
MUS 171 (Sight Singing and Dictation I - LAB)
MUS 172 (Sight Singing and Dictation II)
MUS 172 (Sight Singing and Dictation II - LAB)
MUS 271 (Sight Singing and Dictation III)
MUS 001 (Masterpieces of Western Music)
MUS 726.1 (Electronic Music Studio I – *Graduate*)

Nassau Community College

Adjunct Lecturer, Music Department (2008-2009)

Courses Taught:

MUS 118 (Elements of Music II)
MUS 137 (Sight-Singing I)

TEACHING QUALIFICATIONS:

Music Theory: all levels of tonal harmony and counterpoint (diatonic and chromatic), post-tonal theory and analysis, analysis of popular music.

Aural Skills (Sight Singing and Dictation): all levels, “fixed DO” and “moveable DO”

Computer Music: digital signal processing, computer music tools and software, interactive systems design, electroacoustics.

Composition: private lessons; orchestration; 20th century compositional techniques, techniques of film scoring.

Other: classical music history and appreciation, 20th century music history, music of Spain, popular music.

OTHER EXPERIENCE

TECHNICAL EXPERIENCE:

Programming: Max/MSP/Jitter, Java, Javascript, Flash/ActionScript, Processing, SuperCollider, CSound.

Music Production Software: Pro Tools, Cubase, Adobe Audition, Sonar, Sound Forge, FruityLoops, Kontakt, Digital Performer, Finale, Reason, and most other major applications.

Certifications: Avid Pro Tools 10 HD Certified Operator – Post Production (Alchemea, London 2012)

FILM SCORING:

“Nethermead” 2012 – NYC Short

“Postures” 2011 – NYC Short

“Winked Out” 2009 – NYC Short

“Master Plan” 2008 – Los Angeles Feature Length

“Emulsion,” 2008 – NYC Feature Length

”Jarome and Ecila,” 2008 – Boston Feature Length

“No Escape,” 2007 – NYC Short

“Scrambled Eggs,” 2007 – NYC Short

“The Threat From Behind,” 2006 – NYC Short

SELECTED PERFORMANCES

3/26/12 “Memory Fragments” – Crane School of Music 125th Anniversary Celebration: Composition at Crane (invited alumni composer) – Potsdam, NY

1/20/11 “Commuter” – Society for Electroacoustic Music in the United States (SEAMUS) National Conference – Miami, FL

3/27/10 "Commuter" – New York City Electroacoustic Music Festival – New York, NY
 12/05/09 "A Walk through the Snow" – 12 Nights Electronic Music and Art Festival – Miami, FL
 5/23/09 "Cubicle Revisited" - VideoX Experimental Film and Video Festival - Zurich, Switzerland
 4/23/09 "Cubicle Revisited" - European Media Art Festival - Onasbruck, Germany
 4/2/09 "Cubicle Revisited" - Galapagos Art Space - Brooklyn, NY
 12/9/08 "Cubicle Revisited" at CUNY Composers' Alliance Concert - Elebash Hall, 365 Fifth Ave (NYC)
 12/4/08 "Cubicle Revisited" at Queens College Electronic Music Concert - LeFrak Hall, Queens College, (NYC)
 12/1/08 "Catalyst" for any instrument and electronics at LeFrak Hall, Queens College, CUNY (NYC)
 11/14/08 "Mutagenesis," "The Young Man Who Flew Past," "Cubicle Revisited," and "B.C." at Tenri Cultural Institute – New York, NY
 11/13/08 "Cubicle Revisited" at CUNY/Brandeis composer exchange concert - Elebash Hall, New York, NY
 8/28/08 "Cloudsplitter" performed by Jacob Abela and Ensemble - Australia
 4/11/08 "Cubicle" at the 17th annual Florida Electroacoustic Music Festival -Gainesville, FL
 4/3/08 "Cubicle" at the SEAMUS 2008 National Conference- Salt Lake City, UT
 12/10/07 "Cubicle" on Foldover WOBC 91.5 FM - Oberlin, Ohio
 12/2/07 Some of my Italian song arrangements at the Allen Room, Lincoln Center - New York, NY
 11/17/07 "Cubicle" at the Festival and Conference of New Music for SCI Region II and the Long Island Composers Alliance - New York, NY
 5/16/07 "Cubicle" at Lefrak Hall - Flushing, NY
 4/14/07 "A Walk through the Snow" at the 16th annual Florida Electroacoustic Music Festival - Gainesville, FL
 4/12/07 IMAG perform their collective composition as part of the international celebration "Yuri's Night" - New York, NY
 12/7/06 "Cloudsplitter" will be featured as an ongoing podcast on www.todaycomposers.com
 12/6/06 "The Office" at Lefrak Hall - Flushing, NY
 11/17/06 Intermedia Arts Group and the CUNY New Media Lab present EXPO 2006 featuring Morton Subotnick and This Spartan Life - New York, NY
 11/12/06 "Cloudsplitter" performed by the Syracuse Society for New Music - Syracuse, NY
 11/11/06 "Cloudsplitter" at the SCI Region II conference - Hamilton, NY
 10/31/06 "Ghost Story" for narrator and electronics at "Better than Candy" a Composers' Alliance concert in Elebash Hall - New York, NY
 5/12/06 "A Walk through the Snow" at the Segal Theatre - New York, NY
 5/10/06 "A Walk through the Snow" at Lefrak Hall - New York, NY
 5/4/06 World Premiere of "A Walk through the Snow" at Elebash Hall - New York, NY
 5/4/06 World Premiere of "Elkhart Lake" at Elebash Hall - New York, NY
 4/18/06 World Premiere of "Currents," played by NYC's Cygnus Ensemble - New York, NY
 4/8/06 "Effluvium" at the 15th Annual Florida Electroacoustic Music Festival - Gainesville, FL

SELECTED COMPOSITIONS

"Memory Fragments" (2012), brain-to-computer interface and live electronics
 "Mutagenesis" (2008), violin, cello, piano, and tenor
 "The Young Man Who Flew Past" (2008), violin, cello, piano, and tenor; story by Arkady Averchenko
 "Cubicle Revisited" (2008), electronic with video by Anthony Angelicola
 "Cubicle" (2007), electronic
 "A Walk Through the Snow" (2006), electronic
 "Ghost Story" (2006), Laptop and Reader
 "Currents" (2006), flute, oboe, 2 guitars, violin, cello
 "Elkhart Lake" (2006), soprano, french horn, percussion, piano, violin, cello
 "Effluvium" (2005), electronic
 "Schach's Passing" (2005), electronic
 "Prophecies" (2004), 5 songs for voice and piano
 "Cloudsplitter" (2004), flute, clarinet, marimba, piano, violin, cello
 "Adirondack Sketches" (2003), wind ensemble
 "Belldren" (2004), electronic
 "Fog on the Barrow Downs" (2003), flute, clarinet, oboe, bassoon, horn, 2 violins, viola, cello
 "Prelude in Psychotic Minor" (2003), electronic
 "B.C." (2003), violin and cello

AWARDS AND HONORS

Instructional Technology Fellowship; Macaulay Honors College, CUNY, 2009-2010
Chancellor's Fellowship; Graduate Center, CUNY, 2005-2009
Doctoral Student Research Grant; Graduate Center, CUNY, 2009
ASCAP Plus Award; 2008, 2009, 2010
Maldeb Foundation (three research grants); 2008-2009
Foundation for Iberian Music (stipend); 2008
George Perle Award in Composition; 2005
Herbert Sukoff Award in Composition; 2004
Featured at "todayscomposers.com"
Simeo J. Gallo Music Scholarship

PROFESSIONAL AFFILIATIONS

Audio Engineering Society (AES)
American Society of Composers, Authors, and Publishers (ASCAP)
College Music Society
Society for Electroacoustic Music in the United States (SEAMUS)
Society of Composers

REFERENCES

Available upon request