

ISRAEL NEUMAN

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EDUCATION

Ph.D. in Composition, University of Iowa, Iowa City, Iowa (2010)

M.A. in Music emphasis in Jazz Studies, University of Iowa, Iowa City, Iowa (2006)

B.Mus. *Magna cum laude* in Jazz Studies, University of Hartford, West Hartford, Connecticut (1995)

Master of Computer Science, University of Iowa, Iowa City, Iowa (2013)

EXPERIENCE

2015-present Instructor, Multimedia and Communication, Division of Fine Arts, Iowa Wesleyan College, Mt. Pleasant, Iowa

2012-2014 Instructor, Interactive Multimedia, University of Iowa Department of Computer Science

2007-2010 Assistant Director, University of Iowa Electronic Music Studios

2008 Visiting Assistant Professor, Composition: Electronic Media, University of Iowa School of Music

2003-2008 Teaching Assistant, Jazz Area, University of Iowa School of Music

2004-2005 Faculty Member, Iowa Allstate Music Camp, University of Iowa

1999-2003 Music Theory Teacher, School for Arts and Sciences, Tel-Aviv, Israel

PUBLICATIONS

Neuman, Israel. "SIG~: Performance Interface for Schaefferian Sound-Object Improvisation," accepted for publication *Proceedings of the International Computer Music Conference* (2015)

Neuman, Israel, Charles Okpala, Cesar E. Bonezzi. "Mapping Motion To Timbre: Orientation, FM Synthesis and Spectral Filtering," *Proceedings of the International Computer Music Conference* (Athens, 2014)

Neuman, Israel. "Generative Tools for Interactive Composition: Real-Time Musical Structures Based on Schaeffer's TARTYP and on Klumpenhouwer Networks," *Computer Music Journal* 38 no. 2 (2014)

Neuman, Israel. "Generative Grammars for Interactive Composition Based on Schaeffer's TARTYP," *Proceedings of the International Computer Music Conference* (Perth, 2013)

Neuman, Israel. "*Turnarounds* for horn and tape," in *Axiom*. Society of Composers, Inc Navona Records (2011)

Neuman, Israel. "*Normal Mode* for chamber ensemble and electronics." PhD diss., University of Iowa, 2010. <http://ir.uiowa.edu/etd/562>

Neuman, Israel. "Review, the University of Iowa, Electronic Music Studios Concert Series." *Journal SEAMUS* 20, no. 2 (2009)

CD RECORDINGS

- 2015 Soundings, Jeffery Agrell, MRS Classics
Includes the composition *Turnarounds* for horn and tape
- 2011 Axiom, Society of Composers, Inc Navona Records
Includes the composition *Turnarounds* for horn and tape
- 2008 Frontera, Latin-Jazz Ensemble, University of Iowa
Includes the composition *Ratio of Similitude*
- 2005 Polariscope, Israel Neuman quartet, Minstrel Studios Iowa City
M.A. Thesis CD, featuring University of Iowa faculty Robert Paredes
- 2004 Robert Paredes and Standard AIR, University of Iowa
Arrangements by John Rapson
- 2000 Simple as That, Trihodos, Tomix, Israel

AWARDS

- 2013 Best Paper Award, International Computer Music Conference
For the paper "Generative Grammars for Interactive Composition Based on Schaeffer's TARTYP"
- 2009 Honorable Mention Award, International Horn Society Composition Contest
For the composition *Turnarounds* for horn and tape
- 2009 Selection for inclusion in CD Series, Society of Composers Inc.
The composition *Turnarounds* for horn and tape
- 2008 Travel Grant, Graduate Student Senate, University of Iowa

CONFERENCE PRESENTATIONS

- 2013 International Computer Music Conference, Perth, Australia
Paper presentation, "Generative Grammars for Interactive Composition Based on Schaeffer's TARTYP"
- 2012 SEAMUS National Conference, Lawrence University, Appleton, WI
Research presentation, "Physical Modeling: Dynamic Control of Live Electronics"
- 2011 Annual Electroacoustic Barn Dance University of Mary Washington, Virginia
Triggers for tenor saxophone and electronics

- 2011 STUDIO 300 Digital Art and Music Festival, Transylvania University, Kentucky
Triggers for tenor saxophone and electronics, performed by Nathan Bogert
- 2010 SEAMUS National Conference, St. Cloud State University, St. Cloud MN
Turnarounds for horn and tape, performed by Phillip Runkel
- 2008 Electronic Music Midwest Festival, Lewis University, Romeoville IL
Turnarounds for horn and tape, performed by Phillip Runkel
- 2008 Midwest Composer Symposium, University of Iowa, Iowa City IA
Turnarounds for horn and tape, performed by Jeffery Agrell
- 2007 Midwest Composer Symposium, University of Indiana, Bloomington IN
Aerial for solo piano

SELECTED PERFORMANCES

- 2015 Electronic Music Concert, University of Iowa, Iowa City IA
Counterweight, performed by SIG~, the Schaefferian Improvisation Group of Iowa City
- 2013 Graduate Recital, DePaul University Chicago, IL
Turnarounds for horn and tape, performed by Matthew James
- 2012 Electronic Music Concert, University of Iowa, Iowa City IA
Proof of Knowledge for flute video and live electronics
- 2011 Electronic Music Concert, University of Iowa, Iowa City IA
Dielectric Resonance for audiovisual fixed media
- 2010 Composers' Workshop concert, University of Iowa, Iowa City IA
Triggers for tenor saxophone and electronics, performed by Nathan Bogert
- 2008 Electronic Music Concert, University of Iowa, Iowa City IA
Turnarounds for horn and tape, performed by Professor Jeffery Agrell
- 2007 Electronic Music Concert, University of Iowa, Iowa City IA
MX for 4-channel computer generated sound
- 2007 Electronic Music Concert, University of Iowa, Iowa City IA
Written in Sand for 2-channel stereo computer generated sound
- 2007 Composers' Workshop concert, University of Iowa
Semantic Diffusion for quartet and tape
- 2007 Latin Jazz Ensemble, University of Iowa, Iowa City IA
Performance with guest artist Ray Vega
- 2006 MA Recital, University of Iowa, Iowa City IA
Sipour, Tone-Mill Six Combine, performed by the jazz group Polutropos
- 2006 Society of Composers Inc. Concert, University of Iowa, Iowa City IA
No One for saxophones and percussion

- 2006 Electronic Music Concert, University of Iowa, Iowa City IA
Oh I am so thirsty for 2-channel stereo computer generated sound
- 2006 WSUI-AM 910, Talk of Iowa Live from the Java House, Iowa City IA
Performance with the jazz group Polutropos
- 2006 Iowa City Jazz Festival, Iowa City IA
Sipour for jazz quartet performed by the jazz group Polutropos
- 2006 Tribute to Count Basie, Englert Theatre, Iowa City IA
Performance with guest artist Carmen Bradford
- 2006 North American Saxophone Conference, University of Iowa, Iowa City IA
Performance with Bennie Wallace
- 2005 Society of Composers Inc. Concert, University of Iowa, Iowa City IA
Cohesive-Dis-Order for string quartet.
- 2005 Johnson County Landmark, jazz band concert, University of Iowa, Iowa City IA
Gnafiy and *Melancholic Smile* for jazz band.
- 2005 Johnson County Landmark jazz band, Englert Theatre, Iowa City IA
Performance with guest artist Rex Richardson.
- 2005 Johnson County Landmark jazz band, University of Iowa, Iowa City IA
Performance with guest artist Ed Sarath.
- 2005 Iowa City Jazz Festival, Iowa City IA
Polariscope for jazz quartet performed by Robert Paredes and StandardAIR
- 2005 Iowa City Jazz Festival, Iowa City IA
Performance with John Rapson and guest artists Reggie Thomas, Kim Richmond
- 2005 Living Language of Bebop, University of Iowa, Iowa City IA
Performance with resident artist Joe Lovano
- 2004 Visiting Professorships Program, Hero of Jazz Trumpet Playing, University of Iowa, Iowa City IA
Performance with guest artist Kenny Wheeler

COMPOSITIONS

- 2015 *Counterweight* Schaefferian sound-object improvisation
- 2014 *Idiosyncratic Parity* Schaefferian sound-object improvisation
- 2014 *Buildup* Schaefferian sound-object improvisation
- 2013 *Embracement* for cello and electronics
- 2012 *Proof of Knowledge* for flute video and live electronics
- 2011 *Dielectric Resonance* for audiovisual fixed media
- 2010 *Triggers* for tenor saxophone and electronics

- 2010 *Normal Mode* for chamber ensemble and electronics
- 2008 *Syn-K-ronous* for double bass and percussion
- 2008 *Turnarounds* for horn and tape
- 2007 *Mesima* for orchestra
- 2007 *MX* for 4-channel computer generated sound
- 2007 *Written in Send* for 2-channel stereo computer generated sound
- 2006 *Semantic Diffusion* for quartet and tape
- 2006 *Aggregate of Qualities* for chamber orchestra
- 2006 *Sonovox, the Geometry Project* for jazz quintet, including the compositions: *Concentric Circles, Dimension Assumption, Geometry T, Glide Reflection, Minor Arc, Ratio of Similitude, Transitive Property*
- 2006 *Sipour* for jazz quartet, *part I: Anderson Walks, part II: Ganmai Cha, part III: Roasted Brown*
- 2006 *Tone-Mill Six Combine* for saxophone and bass
- 2005 *No One* for saxophones and percussion
- 2005 *Oh I am so thirsty* for 2-channel stereo computer generated sound
- 2005 *Aerial* for piano solo
- 2005 *Polariscope* for jazz quartet, M.A. Thesis, including the compositions: *Ursa Minor, Discontinuity, Distance, Kotviyoot, Co-ordination, The Fox, Equation*
- 2004 *Cohesive-Dis-Order* for string quartet
- 2004 *Gnafiy* for concert jazz band
- 2004 *Melancholic Smile* for concert jazz band
- 2002 *Class 2000*, music for a documentary film by Yuval Cohen and Tammy Grosse, Commissioned by Anan Productions, Tel-Aviv, and the Israeli First TV channel, Jerusalem, Israel

COURSES TAUGHT

Composition: Electronic Media – composition using analog and digital technology

Interactive Multimedia Programming - graphical dataflow programming for audio and video

Music Theory – development of writing and aural skills in diatonic and chromatic harmony

History of Jazz – a survey of styles, artists, and recordings between 1917 and 1972

Jazz Theory – mainstream practices of jazz harmony

Jazz Band and Small Jazz Ensemble – development of jazz repertoire

Intermediate Jazz Improvisation – improvisation in the standard jazz repertoire

Advanced Jazz Improvisation – contemporary techniques and styles of improvisation

Principles of Computing - broad introduction to the discipline of computing

PROFESSIONAL SOCIETIES

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

Society of Composers, Inc.

International Computer Music Association