ISRAEL NEUMAN

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EDUCATION

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

Ph.D. in Music 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)

TEACHING EXPERIENCE

2023-present   Assistant Professor, Entertainment and Recording Industry, School of Communication, Texas Southern University, Houston, Texas

2018-2023   Instructor, Entertainment and Recording Industry, School of Communication, Texas Southern University, Houston, Texas

2015-2018   Instructor of Digital Media and Technical Director, Division of Humanities, Iowa Wesleyan University, Mt. Pleasant, Iowa

2014-2018   Visiting Lecturer, Interactive Multimedia Programming, University of Iowa Department of Computer Science

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

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

PRODUCTION EXPERIENCE

2016-2018   Technical Director and Sound Engineer, The Chapel Auditorium, Iowa Wesleyan University, Mt. Pleasant, Iowa

2015-2018   Owner and Sound Engineer, Sound Plot Studios, Iowa City, Iowa

2003-2018   Freelance Musician, Composer and Sound Engineer, Iowa City, Iowa

2007-2010   Assistant Director and Sound Engineer, Electronic Music Studios
            University of Iowa, Iowa City, Iowa

2000-2003   Composer, Music Producer, Music Advisor, Anan Productions,
            Tel-Aviv, Israel

AWARDS

2024   *1973 Lexicon of War*, a film score, commissioned by Beuring Films Production
       Ltd., Bnei Moshe, Israel, Amount awarded: $5000

2023   Jazz Road Creative Residency Award, South Arts Inc.
       Amount awarded: $21,000

2023   Center for Africana Futures, Research Fellow, TSU School of Communication
       Amount awarded: $5,000

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, to EMM
       Festival, Lewis University, Romeoville IL.

RECENT COLLABORATIONS

2023   *Jazz Road Creative Residency*, partnership with the TSU School of
       Communication, collaboration with jazz saxophonist Brain Perez and hip hop
       artists Trinity Brooks and Cole Bracey
       Project director, composer, bass player, producer, sound engineer

2023   *Monterey Jazz @ TSU,* Texas Southern University partnership with
       Monterey Jazz Festival
       Live sound engineer

2022   *Volution*, album with jazz saxophonist Brain Perez and hip-hop artists
       AceKidd and Cole Bracey
       Composer, bass player, producer, sound engineer
       Released on Big Round Records, April 2023

2021   *The Trials of Eroy Brown*, a documentary film by Tyrone Dixon
       Film score composer

2021   *The Wiz*, musical play directed by Rachel H. Dickson
       Live sound engineer

2020   *Snipe Hunt*, a short film by Tyrone Dixon
         Postproduction sound editor, sound designer, composer
         Premiered March 9, 2020, Houston, TX

2020   *KTSU2 Radio Drama* "Episode 2: Choices", a play by Thomas Meloncon
         Sound designer, music producer, sound engineer
         Broadcasted February 12, 2020

2019   *KTSU2 Radio Drama* "Episode 1: Legacy", a play by Thomas Meloncon
         Sound designer, composer, live sound engineer
         Broadcasted live October 4, 2019

DISCOGRAPHY

2023   *Volution*, Israel Neuman, Big Round Records
         Composer, bass player, producer, audio engineer

2018   P.B.N.G. "Live in Iowa", D. Phillips, P. Bianchi, L. Nash and G. Gisbert
         Recording and mixing engineer

2017   Live at the Life, Jim Buennig, CDBaby
         Recording, mixing and mastering engineer

2015   Soundings, Jeffery Agrell, MRS Classics
         Audio engineer and composer, *Turnarounds* for horn and tape

2011   Axiom, Society of Composers, Inc Navona Records
         Audio engineer and composer, *Turnarounds* for horn and tape

2008   Frontera, Latin-Jazz Ensemble, University of Iowa Studio
         Musician and composer, *Ratio of Similitude*

2005   Polariscope, Israel Neuman quartet, University of Iowa
         Producer, studio musician and composer

2004   Robert Paredes and Standard AIR, arrangements by John Rapson,
         University of Iowa, studio musician

2002   Class 2000, soundtrack for a documentary by Yuval Cohen and Tammy Grosse
         Music producer and composer

2000   Simple as That, Trihodos, Tomix, Israel
         Producer, studio musician and composer

PUBLICATIONS

Neuman, Israel. "TARTYP Generative Grammars and the Analysis of Hip Hop Beats"
         Proceedings of the 19th Sound and Music Computing Conference, 2022

Saint-Étienne (France)

Neuman, Israel. "Mapping Pitch Classes and Sound Objects: A Bridge Between Klumpenhouwer Networks and Schaeffer's TARTYP," *Proceedings of the 2018 Sound and Music Computing Conference*, Limassol (Cyprus)

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

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

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 2013 International Computer Music Conference* (Perth, Australia)

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)

CONFERENCE PRESENTATIONS

2022   Sound and Music Computing Conference, Saint-Étienne (France)
Paper presentation, "TARTYP Generative Grammars and the Analysis of Hip Hop Beats"

2020   SEAMUS National Conference, Charlottesville, VA
50 Milliseconds, Interactive Composition for Saxophone and Electronics

2018   Sound and Music Computing Conference, Limassol (Cyprus)
Chief Sky for audiovisual fixed media
Paper presentation, "Mapping Pitch Classes and Sound Objects: A Bridge Between Klumpenhouwer Networks and Schaeffer's TARTYP"

2018   SEAMUS National Conference, the University of Oregon, Eugene OR
Chief Sky for audiovisual fixed media

2017   SEAMUS National Conference, St. Cloud State University, St. Cloud MN
Back Lanes for audiovisual fixed media

2015   International Computer Music Conference, Denton, Texas
Paper presentation, "SIG~: Performance Interface for Schaefferian Sound-Object Improvisation,"

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

2023   Jazz Road Live Concert, Texas Southern University, Houston, TX
Performance with the Volution Ensemble

2018   VIP Tour Live Jazz, The Graduate Hotel, Iowa City IA
Performance with the John Rapson Trio

2018   VUE Rooftop Live Jazz, Hilton Garden Inn, Iowa City IA
Performance with the Damani Philips Trio

2016   Electronic Music Concert, University of Iowa, Iowa City IA
Course of Time for audiovisual fixed media

2016   Electronic Music Concert, University of Iowa, Iowa City IA
Peculiar Mass, performed by SIG~, the Schaefferian Improvisation Group of Iowa City

2015   Fine Arts Exhibition, Iowa Wesleyan University, Mt. Pleasant, Iowa
Display of *Course of Action*, Interactive Multimedia Installation

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

SELECTED COMPOSITIONS

2022   *Jazz Road Creative Residency* for jazz quintet and hip hop artists

   - *Transitive Property*
   - *Yah Weh* (co-written w/ Trinity Brooks)
   - *Make Me a Believer* (co-written w/ Cole Bracey)
   - *Wash It Away* (co-written w/ Cole Bracey)
   - *High* (co-written w/ Trinity Brooks)
   - *Her Woman* (co-written w/ Trinity Brooks)
   - *What Else To Do* (co-written w/ Cole Bracey)
   - *Glide Reflection*

2022   *Volution* for jazz quintet and hip hop artists

   - *Tear It Down* (co-written w/ AceKidd)
   - *Rough* (co-written w/ Cole Bracey)
   - *Just be Great* (co-written w/ AceKidd)
   - *Till Death* (co-written w/ AceKidd)
   - *Level Up* (co-written w/ Cole Bracey)
   - *Love Loss* (co-written w/ Cole Bracey)
   - *Volution*

2021   *The Trials of Eroy Brown*, Film score

2020   *Snipe Hunt*, film score and sound design

2020   *KTSU2 Radio Drama* "Episode 2: Choices," underscore and sound design

2020   *Rock of the Plain* for audiovisual fixed media

2019   *KTSU2 Radio Drama* "Episode 1: Legacy," underscore and sound design

2019   *50 Milliseconds* for Saxophone and Electronics

2017   *Chief Sky* for audiovisual fixed media

2016   *Back Lanes* for audiovisual fixed media

2016   *Peculiar Mass*, Schaefferian sound-object improvisation

2015   *Course of Time* for audiovisual fixed media

2015   *Course of Action*, Interactive Multimedia Installation

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
- *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)
- *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

Fundamentals of Audio – sound and acoustics, basics of music production

Introduction to Entertainment Production Tools - studio recording techniques

Advanced Entertainment Production Techniques – mixing and mastering

Sound Design – the art and practices of sound effects and soundtrack creation

Sound Synthesis Techniques - applications in production, sound design, and gaming

Live Sound Production - hands-on experience with complex live sound systems

Introduction to Multimedia - hands-on experience in basic multimedia disciplines

Publishing and Media Policy - copyrights, current policies, and industry practices

Ethnic Entertainment - a survey of African-American music and entertainment

Multimedia Web Design - programming and design concepts

Interactive Media – concepts and techniques of interactive media

Composition: Electronic Media – composition using analog and digital technology

Interactive Multimedia Programming - graphical dataflow programming

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

Advanced Jazz Improvisation – contemporary techniques and styles of improvisation

PROFESSIONAL SOCIETIES

Audio Engineering Society

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

International Computer Music Association

Society of Composers, Inc.