Courtney Douglass Brown

http://www.courtney-brown.net   Courtney.D.Brown@asu.edu

EDUCATION

2017   Expected Graduation in May, DMA, Interdisciplinary Digital Media and Performance
Arizona State University, Tempe, AZ
Dissertation: *Interactive Tango Milonga*: An exploration of the experience of
connection via an interactive system giving tango dancers agency over music in the
social dance context
Committee: Garth Paine (Chair), Sabine Feisst, Pavan Turaga, Christopher Wells

2008   MA, Electroacoustic Music
Dartmouth College, Hanover, NH
Thesis: *The Aesthetics of Losing Control*: A phenomenological investigation of
fractured modes of embodied experience through musical interfaces designed to cause
performer failure
Committee: Newton Armstrong (Chair), Larry Polansky, Michael Casey

2002   BS, Magna Cum Laude, Music and Computer Science
Loyola University, New Orleans, LA

GRANTS, AWARDS, RESIDENCIES

International and National Grants, Honors, and Awards
2015   Prix Ars Electronica, Honorary Mention in Digital Musics & Sound Art
　　　　　for *Rawr! A Study in Sonic Skulls*
International Computer Music Conference (ICMC) 2015 Best Student Music Submission Award
　　　　　for *How to Speak Dinosaur: Courtship*
2014   2013-14 Fulbright US Student Award: Buenos Aires,
　　　　　for *Interactive Tango Milonga*
Love of Learning Grant, Phi Kappa Phi
New Music USA Grant, collaborator composer for Meehan/Perkins Duo Submission
2009   Associate Artist with Mark Applebaum, Atlantic Center for the Arts, New Smyrna Beach, FL
ASCAP Foundation Morton Gould Young Composer Awards, finalist
　　　　　for *losing love in magnetic time*
1998   National Merit finalist

Selected University Grants, Honors, and Awards
2016   ASU, Dissertation Fellowship
2015   ASU, PAVE Arts Venture Incubator Seed Funding
ASU, Student Enrichment Grant
2011   ASU, School of Music, Special Talent Award
2008   Dartmouth College Graduate Fellowship, (2006–8)
2002   Outstanding Computer Science Major, Loyola University New Orleans

PERFORMANCES AND EXHIBITIONS

Juried and Peer-reviewed Performances
2016   International Conference on Live Interfaces (ICLI) 2016, University of Sussex, UK
    Interactive Tango Milonga: Fragments, with Brent Brimhall, Argentine tango dancer
  Society for Electroacoustic Music in the US (SEAMUS) Conference, 2016, USG, Georgia
    Electroacoustic Improvisation with gbjjck trio (*Rawr!,* Justin Kennedy, voice, Garrett Johnson, cello)
2015   International Computer Music Conference (ICMC) 2015, UNT, Denton, TX
    How to Speak Dinosaur: Courtship, with David Earll, tuba
2009   New York Electroacoustic Music Festival, City University of New York
    losing love in magnetic time, CUNY Percussion Studio
  Vox Novus 60X60 Project, International and Evolution mixes, 2008, Order of Magnitude Mix, 2010
    Places in Time become Magnetic
2008   SEAMUS Conference, Salt Lake City, UT
    Pop Presto No. 2

Juried and Peer-reviewed Group Exhibitions and Installations
2015   Ars Electronica Festival*,* CyberArts 2015, Linz, Austria
    Rawr! A Study in Sonic Skulls and Improvisational Performance, Sept. 5
  New York City Electroacoustic Music Festival, New York, NY
    Blown Away, contact microphones and interactive video
2014   New Interfaces for Musical Expression (NIME) / BEAM Festival, London, UK
    Rawr! A Study in Sonic Skulls

Invited Performances
2016   International Tuba Euphonium Conference, University of Tenn., Knoxville, TN
    How to Speak Dinosaur: Courtship, with David Earll, tuba
  Frequency Festival, Constellation, Chicago, IL
    losing love in magnetic time, performed by Meehan/Perkins Duo
2015   Third Practice Festival, Richmond, VA
    How to Speak Dinosaur: Courtship, with David Earll, tuba
  SSOO Festival, Flagstaff, AZ
    Interactive Tango Milonga, as performance, with Brent Brimhall, Argentine tango dancer
2011   Gowanus Wildlife Preserve Showcase, Spoke the Hub, Brooklyn, NY
    Abacus for the Body
2010   VCW Performance, Diapason Gallery, Sep. 16, 2010, Brooklyn, NY
    I'll huff and puff and I'll blow your house down!, with Gennette Gill, Jacqueline Arias
  Provocative Objects, Patricia Doran Gallery, Boston, MA
    Volcadas con Silla
2009   Juddertone Dance 2009, Boston University Theater, Boston, MA
    Crowded, with Nu Dance Theater
  INsideOUT**,** Atlantic Center for the Arts, New Smyrna Beach, FL
    Balancing Act
  The Murder Cabaret, The Tank, 45 Street Theater, New York, NY
    Every Night I Lose Control

Invited Group Exhibitions and Installations
2017   *Re-Embodied*, Telfair Museums, Jepson Center, Savannah, GA (upcoming)
    Rawr! A Study in Sonic Skulls
2016   Resonant Structures, Inter-space Gallery, Feb. 19-Mar. 5, 2016, New York, NY
    Rawr! A Study in Sonic Skulls

EarFest 2016, Resonant Structures, Zuccaire Gallery, Stony Brook University, NY
Rawr! A Study in Sonic Skulls
2015   Exhibiting Sound, University of Alberta, DC3 Art Projects Gallery, Edmonton, Alberta, CN
Rawr! A Study in Sonic Skulls

Selected Performances
2016   IMM for IDD, Knights of Pythias Lounge, Tempe, AZ
Interactive Tango Milonga: *Fragments*, with Brent Brimhall, Argentine tango dancer
2015   Phoenix Art Museum, Phoenix, AZ
How to Speak Dinosaur: Courtship, with David Earll, tuba
2012   Modified Arts Gallery, Roosevelt Row, Feb-May, monthly, Phoenix, AZ
D&SPAIR Club Sonic and Movement Improvisation
Katzin Recital Hall, School of Music, ASU, Tempe, AZ
Telephone Tango, performed by Laptop Orchestra of Arizona State
2011   Art in Motion, Apr. 15-17, 2011, Downtown Live, Jersey City, NJ
Art in Motion: The stories we are, performed by myself and Insurgo State Project
2010   Triskelion, Jun. 3-5, 2010, Brooklyn, NY
Crowded, with Nu Dance Theater, myself, live electronics/laptop, accordion, soprano voice
2009   *Every Night I Lose Control* tour, 2007-9
Monkeytown, The Tank (NYC), The Red Room (Baltimore, MD), The NightLight (Chapel Hill, NC), Outpost 186, The Lilypad, CyberArts Festival (Boston, MA), Firehouse 13 (Providence, RI), McGuffey Art Center (Charlottesville, VA), Princeton University, Hartt School of Music, The Lighthouse (Washington, DC)

Selected Exhibitions and Installations
2016   Tango For All, Phoenix, AZ
Interactive Tango Milonga, as social dance installation for wheelchair tango
El Abrazo Practica, Scottsdale, AZ
Interactive Tango Milonga, as social dance installation
ASU Global Institute of Sustainability Tenth Anniversary Celebration, Tempe, AZ
Rawr! A Study in Sonic Skulls
2013   Cartographies, Solo Exhibition, Digital Culture Gallery, ASU, Tempe, AZ
Blown Away and *In Transit*
Microtonal Music Festival, ASU, Tempe, AZ
lo atamos con alambre

PUBLICATIONS

Conference Proceedings (Peer-reviewed)
Brown, C., & Paine, G. (2015). Towards an Interactive Tango Milonga. *Proceedings of the 41st International Computer Music Conference - ICMC '15*, Denton, TX, University of North Texas. (Short Paper Presentation)
Brown, C., & Paine, G. (2015). Interactive Tango Milonga. *Proceedings of the 2nd International Workshop on Movement and Computing - MOCO '15*, Vancouver, British Columbia, Simon Fraser University, 17-20. doi:10.1145/2790994.2791013. (Short Paper Presentation)
Brown, C., Razzaque, S., & Paine, G. (2015). Rawr! Study in Sonic Skulls: Embodied Natural History. In *Proceedings of the International Conference on New Interfaces for Musical Expression – NIME '15*, Baton Rouge, LA, Louisiana State University, 5-10. (Long Paper Presentation)

Workshops (Peer-reviewed)
Brown, C. & Paine, G. (2016). Digital Musical Instruments for Participatory Music: Designing Internal
Experience. Music and HCI Workshop at ACM 33rd Human Factors in Computing Systems
Conference 2016 (CHI 2016), San Jose, CA (Workshop Presentation)

Music Publications
losing love in magnetic time included on the Meehan/Perkins Duo CD to be released by New
Focus Recordings (upcoming in 2017)
How to Speak Dinosaur included on ICMC 2015 DVD *Looking Back, Looking Forward,* 2015

TEACHING EXPERIENCE

Teaching Assistantships
Arizona State University, School of Arts, Media, and Engineering
Collaborative Projects and Research/Digital Culture Capstone (Combined Studio class), AME
385/386/485 (Fall 2015–Spring 2016)
- Aided students in their art and media projects including help formulating project statements,
time-lines, rationales, and real world outcomes and logistics
- Technical help and support across a variety of platforms including Unity, Oculus, Processing,
Arduino, MAX/MSP
Programming for Media Arts, AME 230 (Spring 2016)
- Graded tests, quizzes, and introductory computer graphics/video projects written in Processing
- Tutored and aided students in computer programming
Composing and Performing for Hybrid Ensembles, MDC 311 (Fall 2011–12, 2015)
- Gave lectures and created teaching materials for on musical robotics and automata, music
synthesis, and MAX/MSP
- Ran lab and workshop sessions on interactive music concepts such as motion capture and
input signal processing
- Developed tests and quizzes on MAX/MSP and digital audio concepts
- Technical help and support with Max/MSP/Jitter
Advanced Interactive Sound, MDC 494/598 (Cross-listed Undergraduate and Graduate
Special Topics class) (Spring 2015)
- Graded essays and projects written in MAX/MSP
- Tutored and aided students in MAX/MSP
Introduction to Digital Audio, MDC 211 (Spring 2012–13)
- Gave lectures and created teaching materials for digital audio recording
- Created quizzes assessing digital audio concepts
- Tutored and aided students in Apple Logic and audio engineering

Dartmouth College, Hanover, NH, Electroacoustic Music Program
Music and Technology, Music 3 (Fall 2007)
- Weekly lecture/lab sessions teaching Audacity
- Grading student projects and compositions in Audacity

University of North Carolina, Chapel Hill, NC, Department of Computer Science
Data Structures (C++), COMP 410 (Spring 2003)
- Weekly lecture/recitation sessions teaching Object-Oriented concepts such as polymorphism,
inheritance in C++
Introduction to Programming (Java), COMP 110 (Fall 2002)
- Weekly lecture/recitation sessions teaching basic algorithms such as sorts and searches

Teaching Interests
Interactive Sound and New Musical Interfaces; Developing NIMEs for Participatory Music; Music, Movement, and Computing; Designing Experiential Systems; Music Cognition and Perception; Computer Vision and Motion Tracking; Laptop Ensembles; The Historical and Social Context of Argentine Tango; History of Electroacoustic and Interactive Music; Software Engineering for Interactive Systems; Digital Signal Processing for Sound Applications; Experimental Design for Assessing Media Systems; Physical Computing for Media Art Applications; Digital Sound and Recording; Designing for Participatory Music Applications; Coding for Visual Arts; Algorithmic Music; Interactive Dance; Music Composition; Experimental Sound and Movement Improvisation

PRESENTATIONS

Invited Talks and Guest Lectures
2017   "Rawr! A Study in Sonic Skulls", Artist Talk and Performance, PULSE Art + Technology Festival, Jepson Center, Telfair Museums, Savannah, GA (upcoming)
2016   "Interactive Tango Milonga", Poster Presentation and Demo, International Conference for Live Interfaces, University of Sussex, Brighton, UK
2015   "Rawr! A Study in Sonic Skulls", DE Shaw Research, Inc., New York, NY
2014   "Interactive Tango Milonga", Centro de Experimentación e Investigación en Artes Electrónicas, Universidad de Tres Febrero, Buenos Aires, Argentina

Workshops
Wheelchair Tango Workshops and Practica (2016)
    Twice monthly taught tango lessons and practica, Sep.-Dec.
    • Guest teacher, Tango for All, Ability360, Phoenix, AZ

Experimental Sound and Movement Workshop (2014–15)
    One session of exercises in listening, free improvisation, and connecting movement and music, focusing on translating the Argentine tango experience of connection to experimental music practice
    • Organized with Laptop Orchestra of Arizona State, Tempe, AZ, 2015
    • Organized independently, Buenos Aires, Argentina, 2014

Argentine Tango Workshop for Beginners (2011)
    Taught intro tango in four sessions, including form, cruzada, ochos, giros, molinette
    • Organized with SalsaNoke, Roanoke, VA

PROFESSIONAL AUDIO AND SOFTWARE EXPERIENCE
Audio Software Developer, New York, NY (2008–10)
        Scratch DJ Academy, LLC.
    • Designed and implemented audio engine and DSP algorithms for analysis, mixing, and beat-matching for Scratch DJ Academy's Mix software, distributed by Stanton
Audio Engineer, Audio Systems Researcher, Hanover, NH (2006–8)
        Freelance, Clients include: The Response Network LLC, Dartmouth College Music Dept.
    • A/V recording and editing, linux audio software analysis, consulting for Java sonification
Software Developer, Durham, NC (2003–6)
        CogniSyst, Inc.
    • Developed psychological assessment applications for desktop and web, and created and maintained SQL databases of questions, assessment measures, customer information

SELECTED MEDIA COVERAGE

- *Quo*, Science and Technology Magazine and Website, Spain, "Tú hablas dino?" ("Do you speak dino?"). Feb. 18, 2016. http://www.quo.es/ciencia/asi-hablarian-los-dinosaurios
- *The New York Times*, New York, NY, "New-Music Festival in Chicago Offers the Complicated and the Compelling." D. Allen. Mar. 1, 2016. http://www.nytimes.com/2016/03/02/arts/music/new-music-festival-in-chicago-offers-the-complicated-and-the-compelling.html
- *Centrum Druki 3D,* Polish 3D Printing website, "Druk 3D pozwolił odtworzyć dźwięki wydawane przez dinozaury." ("3D printing helped recreate the sounds made by dinosaurs"). L. Dlugosz. Nov. 20, 2015. http://centrumdruku3d.pl/druk-3d-pozwolil-odtworzyc-dzwieki-wydawane-przez-dinozaury/
- *3DPrint.com*, 3D Printing website, "3D Printing (re)Produces 65 Million Year Old Mating Call". H. R. Mendoza. Nov. 19, 2015. http://3dprint.com/106320/3d-printed-dino-skull-sound/
- *Here and Now*, National Public Radio, Boston, MA. "Recreating Dinosaur Sounds With A Musical Twist. A. Cline (Producer and Narrator), Nov. 6, 2015. http://hereandnow.wbur.org/2015/11/06/dinosaur-skull-instrument
- *Vue Weekly*, Edmonton, AB. "Exhibiting Sound expands the idea of gallery art." P. Blinov. Oct. 15, 2015. http://www.vueweekly.com/exhibiting-sound-expands-the-idea-of-gallery-art/
- *Rzeczpospolita*, Warsaw, Poland. "Ars Electronica – wizje i żarty." ("Ars Electronica - Visions and Jokes") M. Kuc. Sep. 9, 2015. http://www4.rp.pl/Sztuka/309069924-Ars-Electronica--wizje-i-zarty.html.
- *Hispasonic, Fotograma Sonoro*. Spanish language computer music website. "Experimentación con el universo sonoro a través de ocho obras contemporáneas. ("Experimentation with the universe of sound through contemporary works"). M. Isaza. Aug. 8, 2015. http://://www.hispasonic.com/blogs/experimentacion-universo-sonoro-traves-ocho-obras-contemporaneas/40999.

SELECTED ENSEMBLE PERFORMANCES

gbjjck - Improvisational trio, self (Rawr!, voice, laptop), Justin Kennedy (overtone singing, laptop), Garrett Johnson (cello, laptop). http://www.gbjjck.com, 2015
- Trunkspace, Oct. 9, 2015, Phoenix, AZ

Laptop Orchestra of Arizona State (LOrkAS). http://lorkas.org, 2011–13, 2015
- Phoenix Experimental Music Festival, Feb. 13, 2015, Phoenix, AZ
- Mesa Arts Center, Dec. 11, 2013, Mesa, AZ
- eMerge Festival, Tempe, AZ, Mar. 2, 2012, Phoenix, AZ
- Seven Ate Nine, Modified Arts Gallery, Ap. 21, 2012, Phoenix, AZ
- Play! Festival, Mad Cap Theater, Mar. 24, 2012, Tempe, AZ
- Phoenix Maker Festival, Oct. 14, 2011, Phoenix, AZ

Woo ! Brown Duo, Improvisatory duo, self (voice, accordion, guitar, laptop/live electronics), Justin Woo (spoken word, DJ), 2009–10
- Poetry Electric, La Mama E.T.C., New York, NY, 2010
- Sidewalk Tzara, The Outpost 186, Cambridge, MA, 2009
- Warper Party, The Delancey, New York, NY, 2009

Electrocab, Mixed-genre composer collective, self (voice, guitar, accordion), Carmen Caruso (voice, keyboards), John Arroyo (DJ), 2007–8
- The Laila Lounge, Brooklyn, NY, 2008
- the way to go out, Spheris Gallery, Hanover, NH, 2008

Dartmouth Contemporary Music Ensemble with director, Doug Perkins, self (voice, accordion), 2006–8

- Festival of the New Musics, Dartmouth College, Hanover, NH, 2007–8

ORGANIZATIONAL AND LEADERSHIP EXPERIENCE

- Director, Laptop Orchestra of Arizona State- LOrkAS, 2012-13
- President, Arts, Media, and Engineering Student Association, ASU Graduate Student Organization, Tempe, AZ, 2012-13
- Co-founder, co-curator, co-producer, Seven Ate Nine, 2012
  Series of monthly performances and tango milongas at Modified Arts Gallery, Phoenix, AZ
- Founder, Curator, Producer, Sidewalk Tzara, 2008-9,
  A monthly experimental performance series at The Outpost, Cambridge, MA
- Co-founder, co-organizer, The Hartt-Dartmouth Exchange Concert, 2007–8
  A composer exchange between Dartmouth College and Hartt School of Music
- Co-founder, co-organizer, Princeton-Dartmouth Exchange Concert Series, 2008
  A composer exchange between Dartmouth College and Princeton University
- Graduate Concert Organizer/ Promoter, originated position, 2007-8
  Organized graduate concerts and performances for the Dartmouth Electroacoustic Music program

ADDITIONAL SKILLS AND TRAINING

Selected Technical Skills

- Languages: C/C++, Java, Smalltalk, Visual Basic, UML, SQL, Pascal/Delphi
- Music Technologies: MAX/MSP, SuperCollider, Jamoma, OSC, LilyPond, CoreAudio, DirectX, OpenAL, STK, FMOD, RtAudio, IRCAM tools, VST API
- Applications: Ableton Live, Max4Live, Apple Logic, Sibelius, Finale, Protools, Digital Performer, Adobe Creative Suite (Photoshop, Premiere, etc.), Matlab/Octave, XCode, Visual Studio
- Physical Computing: AVR/micro-processor, Arduino, accelerometers, contact mics, servos, fm radio technologies, Bluetooth technologies, solenoids, FSRs, Infusion System/I-CubeX, Shimmer sensors, x-osc sensors
- Multimedia Libraries/Platforms: Cinder, Processing, OpenGL, JUCE
- Motion Capture: OpenCV, OpenNI/Kinect, OptiTrack
- Mobile Platforms: iOS, Android API
- Web Technologies: HTML/CSS, JavaScript, Wordpress

Selected Argentine Tango Dance Experience

- Private and Group Lessons with Stephanie Berg and Nicholas Tapias, 2016
- Veronica Vazquez y Damian Mechura Workshop, Z Room, 2016
- Argentine Tango Workshop with Corina Herrera y Octavio Fernandez, 2016
- Tucson Tango Festival, Volunteer with ASU Tango Club, 2013, 2015-6
- Albuquerque Tango Festival, Volunteer with ASU Tango Club, 2015
- Macana Brothers, private lesson, 2015
- DNI Tango, Buenos Aires, private lessons, Oct.-Dec. 2014
- Workshop with Nick Jones and Diana Cruz, Triangle Tango Society, Durham, NC, 2013
- Argentine Tango Workshop with Mariano "Chico" Frumboli y Juana Sepulveda, ASU, 2013
- ASU Tango Festival, ASU, 2012
- Argentine Tango II with Daniela Borgialli, ASU, 2012
- Triangulo Tango Studio, New York City, classes, 2008-11
- Argentine Tango Workshop with Pablo Veron, Boston Tango Society, 2008

Instrumental and Movement Skills
- Voice, 1987 to present
- Guitar, 1994 to present
- Piano Accordion, 2003 to present
- Post-Contemporary Modern Dance and Contact Improvisation, 2006 to present

MUSICAL AND INTERACTIVE WORK

Current Research

Interactive Tango Milonga (2013–present)
> Documentation and Portfolio: http://www.courtney-brown.net/?p=24
> Argentine tango dancers are given agency over music in real-time in a social dance context.

Rawr! A Study in Sonic Skulls (2011–present)
> Collaboration with Sharif Razzaque, co-engineer
> Documentation and Portfolio: http://www.courtney-brown.net/?p=21
> Installation and Musical Instrument allowing users to give voice to an extinct dinosaur.

Compositions

pretending in magnetic time (2015) for bassoon, marimba, and fixed media

How to Speak Dinosaur: Courtship (2013) for hadrosaur skull instrument, tuba, and fixed media
> for hadrosaur skull, fixed media and tuba

Telephone Tango (2011) for laptop orchestra
> Collaboration with Ryan Spicer, co-software developer

Abacus for the Body (2011) for percussive bicycle robot
> Mounted amplified bicycle wheels controlled by solenoids and OSC
> Installation and improvisation with voice and accordion

Volcadas con Silla ("tips over with chair") (2010) for dancing chair robot and amplified floor
> Robotic chair with mounted servos, controlled by OSC via WiiMote

I'll huff and puff and I'll blow your house down (2010) for 3 video performers and live electronics

in which we become familiar (2009) for violin, contrabass, and two flamenco dancers

Balancing Act II (2009) for broomstick, accelerometer, and live electronics

Sound. Picture. Coif. (2009) for hairstylist, live electronics, and video
> Collaboration with Kristina Wolfe (video) and Alissandra Hipona (hairstylist)

Every Night I Lose Control (2007-2008)
> Song Cycle and Solo Cabaret Act for voice, accelerometer and live electrics
> *Balancing Act* (2008) for voice, accelerometer, and live electronics
> *The Error of my Ways* (2008) for voice, accelerometer, and live electronics
> *Study in Losing Control II* (2007) for voice, accordion (optional), and live electronics
> *Things that Breathe* (2007) for voice and live electronics

losing love in magnetic time (2007) for fixed media, marimba, and vibraphone

Places in Time become Magnetic (2007) for fixed media

this and the day after (2007) for two trumpets and four-hand piano

Pop Presto #2 (2007) for fixed media

Installation Art

Blown Away (2013) for 4-12 contact microphones, speakers, and projected video

In Transit (2013) for laptop, iOS devices, and projected video

lo atamos con alambre ("we tied it with wire") (2013) for eight-channel speakers
        Collaboration with Garrett Johnson, co-composer

Interactive Dance Work

D&SPAIR (Dance & Sonic Performance Art Improvisation Research) Club (2012)
        Improvisational collaboration with Julie Cruse, Brent Brimhall, Julie Akerly

Art in Motion: The stories we are (2011)
        Collaboration with Insurgo Stage Project, artistic director Avianna Perez

Crowded (2009) for dancer, a pile of shoes, voice, accordion and live electronics
        Collaboration with choreographer Eva Perrotta and Nu Dance Theater

SERVICE

- Student Volunteer, ACM 33rd Human Factors in Computing Systems Conference (CHI), 2016
- Extended Programme Committee, 3rd International Conference on Live Interfaces, 2016
- Reviewer, Travel Grants, ASU Graduate & Professional Student Association, Fall 2015 – Spring 2016
- Reviewer, Interview Travel Grant, ASU Graduate & Professional Student Association, Spring 2015

LANGUAGE PROFICIENCY

English (native language), Spanish (conversational and intermediate reading and writing)

PROFESSIONAL MEMBERSHIPS

- ICMA – International Computer Music Association
- ACM – Association for Computing Machinery
- SEAMUS – Society for Electroacoustic Music in the United States
- ACF – American Composers Forum
- SAM – Society for American Music
- EMF – Electronic Music Foundation
- Phi Kappa Phi – Honor Society

REFERENCES

Available upon request.