

Associate Professor

2022.09.28

Media Arts and Game Development (MAGD) • University of Wisconsin-Whitewater •
 L1217K Andersen Library • Whitewater, WI 53190 • (262) 472-1725 • hwangn@uww.edu

EDUCATION

- 2016 Ph.D., Music Composition, Experimental Music & Digital Media, Louisiana State University - *AEMI: The Actuated Embedded Musical Instrument*. Dissertation Fellow, Teaching Assistant to Stephen David Beck, Jesse Allison
- 2008 Master of Music, Music Composition, Louisiana State University
- 2005 Bachelor of Arts, Music Composition and Theory, University of Florida

TEACHING

- 2015-pres. University of Wisconsin-Whitewater, Associate Professor,
 Media Arts and Games Development (* denotes course design)

MUSC462: Advanced Music Composition

MUSC457: Music Composition

COMM239: Audio Production I

MAGD488: Advanced Media Arts Team Projects II

MAGD487: Advanced Media Arts Team Projects I

*MUSC 269/ COMM 290: New Media Ensemble **

*COMM496: Special Studies: Intermediate Game Development **

*COMM496: Special Studies: Games Practicum **

*COMM496: Special Studies: Games Practicum with HAN University **

*MAGD 491 - Travel Study Games Practicum **

*COMM490: Game Development Workshop **

*MAGD 372: Intermediate Game Development **

MAGD272: Introduction to Game Development

*MAGD271: Interactive Communication **

MAGD150: Introduction to Media Arts and Game Development

COMM498: Independent Study - Music Composition, Game Development,

Digital Fabrication, Board Game Development, Algorithms in Game

Development, Mobile Game Development

- 2020-pres. UW-Whitewater - Esports Summer Camp
- 2018 UW-Whitewater - Grandparent University (Game Development)
- 2017-pres. UW-Whitewater - Game Development Summer Camp
- 2015 Louisiana State University - Music Programming Camp: WebAudio, Gibber, and Tone.js
- 2014 Music Composition Instructor and Department Head, Blue Lake Fine Arts Camp, Twin Lake, MI
- 2013-2014 Math, Science, and Arts Academy, Digital Media Instructor, Plaquemine, LA
- 2009-2012 Louisiana State University
- MUS3745: Introduction to Computer Music **
- MUS4745: Max/MSP*

2008-pres. Private composition instructor

WORK EXPERIENCE

2017-Present Assistant Professor, University of Wisconsin-Whitewater
2018-Present Co-Founder, Concept Blue Media
2015-2017 Lecturer, University of Wisconsin-Whitewater
2014-2015 Graduate Assistant - LSU Libraries Media and Communications
2008-2013 Graduate Assistant Research - Center for Computing and Technology and Music and Dramatic Arts
2007-2013 Louisiana Sinfonietta Webmaster and Administrative Assistant
2007-2008 LSU Recording Studio
2005-2008 Graduate Assistant to Dinos Constantinides

PROFESSIONAL SERVICE

2021 Conference Reviewer - New Instruments of Music Expression
2020 Ethics Committee - New Instruments of Music Expression (NIME)
2019 Conference Reviewer - New Instruments of Music Expression
2019 SCI 2019 SCI/ASCAP Student Composition Competition Adjudicator
2019 HAN University International Business School Talent Event Judge
2016-2018 Conference Jury - Society for ElectroAcoustic Music in the United States
2018 Wisconsin Games Alliance - participated in Higher Education Summit
2018 Conference Jury - Alliance of Women in Media Arts and Technology Conference
2012 Conference Organizer - Electric LaTeX, Baton Rouge, LA
2016-present Composer and founding member, the interactive computer performance group
Death by Sneaux Sneaux
2011-15 Composer and founding member, the interactive computer performance group
The Cool Van
2008-11 Composer and founding member, the interactive computer performance group
The Three Computeers

UWW UNIVERSITY SERVICES

2019-Pres. Faculty Senate
2020-Pres. Non-Academic Student Misconduct Hearing Committee
2020-2021 Strategic Planning & Budget Committee
2021 **A perspective on interactive composition, for** UWW Music Department History/Theory Colloquium
2019 Guest Lecture for Ruth Conrad-Proulx's *World of the Arts* Class (Sept. 19, 2019)
2019 Madison Games Alliance Higher Ed Summit
2019-Pres. Esports Club Faculty Advisor
2019 *We Give Our Content* Art show with Jeff Herriott and Bill Miller, Crossman Gallery, UWW
2019 *Moving Portraits* Installation with Bill Miller, Roberts Gallery, UC, UWW
2018 UWW/Rock County Math Pathways Initiative Campus Summit
2018 Madison Games Alliance Higher Ed Summit
2018 **Sonic Meditations** by Stephen Beck, **Clix** by Ge Wang - *SonicT Concert*
2017 **The Phloem and The Xylem** (Mixed Ensemble and Electronics) - *Cosmographie Concert*, Light Recital Hall, UWW

- 2016 **Presidential Cycles** (Laptop Duo) composed Jesse Allison and me, **Moments** for Electric Guitar, Keyboard, and AEMI, improvised with Jeff Herriott and Eric Sheffield - *The Body Electric Show*, Light Recital Hall, UWW
- 2016 **Mirrors** (interactive installation) for *The Body Electric Show*, Light Recital Hall, UWW
- 2016 **All the Feels — emotion in my compositional work**, for UWW Music Department History/Theory Colloquium

UWW DEPARTMENTAL SERVICE

- 2018-Present Member, Recruitment and Retention Committee
- 2018-Present Member, Media Arts and Game Development Expo Committee
- 2018 Member, Graduate Committee
- 2018 Member, Search Committee, Communications Department - Social Media
- 2017 Hosted Stephen David Beck, SonicT Music Concert and Speaker
- 2017 Hosted Sarah Schoemann, visiting artist, Keynote Speaker for MAGD Expo
- 2017 Member, Communications Department International Committee
- 2017 Member, Scholarship Committee
- 2017 Member, Search Committee, Media Arts and Game Development program
- 2017 Member, Media Arts and Game Development Expo Committee
- 2017-Present Member, Media Arts and Game Development Assessment Committee
- 2017 Member, Graduate Committee
- 2016 Hosted Jesse Allison, visiting composer, speaker

COMMUNITY SERVICE

- 2015-Pres. Global Game Jam Site Coordinator (Annual 48-hour event)
- 2014-2015 Elevator Projects Arts Organization Executive Board Member
- 2013-2015 Louisiana Sinfonietta Board Member
- 2015-2016 University of Wisconsin-Whitewater Women’s Ultimate Team Coach
- 2013-2015 Louisiana State University Women’s Ultimate Team Coach
- 2012-2013 Baton Rouge Youth Coalition (BRYC) Mentor
- 2009-2012 Louisiana State University Men’s Ultimate Team Coach
- 2008-2014 Louisiana State University Battles of the Bands judge

UWW DIRECTED STUDENT LEARNING

- 2021 Research Apprenticeship Program Mentor - Logan Mueller
- 2019 Research Apprenticeship Program Mentor - Bree Marconnet
- 2018 UltraHaptics International Student Competition (1st Place) - **Hands of Time**
Hand Therapy Video Game - Luke Lamberg, Nicole Nelson, Brandon Hanabarger
- 2018 Research Apprenticeship Program Mentor - Alec Ochowski, Nick Spaeth, Leah Blasczyk, Sydney Myers, Wesley McWhorter, Charlie Cruz
- 2016 Undergraduate Research Supervisor, Katherine Stull

UWW GRANT AND SUPPORT

- 2022 College of Arts and Communication Research Award
- 2021 Communication Department Research Award
- 2019 College of Arts and Communication Collaboration Grant - *Seasons of Movement*: interactive dance collaboration with Piper Morgan Hayes

- 2019 UWW Communication Department Teaching Award
- 2019 Research Apprenticeship Program - with Bree Marconett
- 2019 Online/Blended Institute
- 2018 FIRE Grant – ‘We Give Our Consent’ - creation and installation of a gallery show on privacy with A. Bill Miller and Jeff Herriott
- 2018 UWW Communication Department Research Award
- 2018 Research Apprenticeship Program - *We Give Our Consent* show
- 2018 UWW Teaching Scholars Program fellow

PROFESSIONAL GRANTS, SUPPORT, AND COMMISSIONS

- 2020 Theme music for Louisiana Illuminator news weekly podcast
- 2019 Summer Undergraduate Research Fellow: Machine-learning in Unity3D game engine
- 2019 Commissioned Music for Dr. John’s Folks Middle School Theatre’s performance of *Everyman in the circus of life*
- 2018 Commissioned Musical Composition for the Obrigado Saxophone Quartet
- 2014-2015 LSU Libraries Media and Communications Assistantship: Sigrid Kelsey
- 2013 Commissioned Musical Composition for Taylor Barbay for *Dracones Nursery* (Alto Saxophone and Interactive Electroacoustics)
- 2012-2013 Dissertation Year Fellowship, LSU
- 2011 Commissioned Music Composition from Andy Larson of *Fishing for Jormangandr: for two tubas and electronics*
- 2008-2012 Graduate School Enhancement Award - LSU

RECENT CONFERENCES / FESTIVALS / CREATIVE ACTIVITIES

CONFERENCE PUBLICATIONS

- Schedel, M., Hwang, N., Smith, B., & Cosgrove, R. (2021). RhumbLine: Plectrohyla Exquisita — Spatial Listening of Zoomorphic Musical Robots. In *NIME 2021*. <https://doi.org/10.21428/92fbeb44.541274c2>
- Hwang, N., Marasco, A. T., & Sheffield, E. (2021). Collab-Hub: A system for creating telematic musical performance environments for Max and web-based instruments. *Proceedings of Web Audio Conference 2021*. <http://webaudioconf2021.com>
- Allison, J., D. Holmes, Z. Berkowitz, Z. A. Pfalz, W. Conlin, and N. Hwang. 2016. “Programming Music Camp: Using Web Audio to Teach Creative Coding.” *Proceedings of the 2nd Web Audio Conference*. Atlanta, Georgia.
- Hwang, N. 2012. “Composer Perspective on What the What: A Collection of Laptop Orchestra Works for Wii-Motes.” In *Proceedings of the First Symposium on Laptop Ensembles & Orchestras*. Baton Rouge, Louisiana.

PAPERS / PRESENTATIONS

- 2022 Presentation: *Strategies for Collaborative Telematic Performance Between Music Technology Ensembles*. College Music Society & Association for Technology in

- Music Instruction National Conference, Long Beach, CA, Sept. 22
Nick Hwang, Anthony T. Marasco, Eric Sheffield
- 2022 Panel: *Teaching Electronic Music and Ensemble Performance Telematically*
College Music Society & Association for Technology in Music Instruction
National Conference, Long Beach, CA, Sept. 22
Nick Hwang, Chuiyuan Meng, Scott L. Miller
- 2022 Workshop: *Creating Collaborative Telematic Performances with Collab-Hub*
International Computer Music Conference 2022, Limerick, Ireland, July 3
Nick Hwang, Anthony Marasco, Eric Sheffield
- 2021 Presentation: *Building Telematic Networked Software for Music Pedagogy with Collab-Hub*
CMS/ATMI 2021 National Conference, Oct 7, 2021
Nick Hwang, Anthony T. Marasco, Eric Sheffield
- 2021 Artist's Talk: OscilloScope | electronic experimental music, Jul 21, 2021
SHP of THSEUS
Nick Hwang, Jeff Herriott, Anna Wiesling, Eric Sheffield, Anthony T. Marasco
- 2021 Workshop: **Harvestworks** | art non-profit, July 12; July 19; July 23, 2021
Collab-Hub, a tool for connecting Max, Pd, Arduino, Web for interconnected audiovisual performance, installations, and more
Nick Hwang, Anthony T Marasco, Eric Sheffield
- 2021 Talk: **Collab-Hub: A system for creating collaborative telematic music performances with web-based instruments and creative development platforms**
WebAudio Conference 2021
Anthony T Marasco, Nick Hwang, Eric Sheffield
- 2021 Workshop: **Creating Telematic Musical Performances Through Max And The Web With Collab-Hub**
WebAudio Conference 2021
Anthony T Marasco, Nick Hwang, Eric Sheffield
- 2021 Performance: **SHP of THSEUS**
WebAudio Conference 2021
Jeff Herriott, Anna Wiesling, Eric Sheffield, Anthony T. Marasco, Nick Hwang
- 2021 Workshop: **Using Collab-Hub for local/remote networked audiovisual collaboration**
New Instruments of Musical Expression Conference | Shanghai, June 14-18, 2021
Nick Hwang, Anthony T. Marasco, Eric Sheffield
- 2021 **Guest Lecture: Georgia Southern University, Music Technology Program, April 2, 2021**
Margaret Schedel, Robert Cosgrove, Nick Hwang
- 2021 **Artists' Talk : Stevens Institute of Technology, March 2, 2021**
Margaret Schedel, Robert Cosgrove, Nick Hwang
- 2021 **ACM SIGGRAPH SPARKS February 2021: Immersion, Interactivity, and Altered Realities - February 26**
Rhumbline
Margaret Schedel, Robert Cosgrove, Nick Hwang
- 2021 **Presentation on Rhumbline, February 24, 2021**
Peabody Institute of The Johns Hopkins University Composers Forum

- Margaret Anne Schedel, Brian Smith, Rob Cosgrove, Nick Hwang
- 2021 **Rhumb-line**, Gallery North, Virtual Artist Encounters, GalleryNorth.org, January 16, 2021, Artist talk with Margaret Schedel, Robert Cosgrove, and Brian Smith
- 2020 **Caravanserais: Sonic Ecology 2020**, Hong Kong New Music Ensemble, Presentation, December 5, Presentation with Margaret Schedel, Robert Cosgrove, and Brian Smith
- 2020 **NowNet Arts Conference 2020**, Network Arts and Social Distance: Capacities and Innovations, November 5, Performance and Discussion with Eric Sheffield, Jeff Herriott, Anna Weisling, and Anthony T. Marasco
- 2020 **Hong Kong New Music Ensemble**, Paper Presentation: Rhumb-Line: Anthropocenic Sound Mapping on the Web Dec, 6, Margaret Schedel, Robert Cosgrove, Brian Smith, Nick Hwang
- 2020 **Emerging Game Audio Programs panel (invited)**, Game Sound Conference, October 5, 2020, with Eric Honour and David Javelosa
- 2020 **Creating Networked Circuit-Bent NIMEs with Bendit_I/O**, workshop, New Instruments of Music Expression Conference, Virtual, June 22, 2020 (peer reviewed)
- 2020 **Building Networked Performances Using Node**, workshop, MoxSonic Missouri Experimental Sonic Arts Festival, University of Central Missouri, March 5-7, 2020 (peer reviewed)
- 2018 **Teaching Music Technology in Diverse Interdisciplinary Classrooms**, invited panel, ElectroAcoustic Band Dance Festival, Jacksonville University
- 2018 **AEMI: The Actuated Embedded Musical Instrument** presentation - Society for ElectroAcoustic Music in the United States, University of Oregon (peer reviewed)
- 2018 **Higher Ed Game Development in Wisconsin** panel, M-Dev Game Development Conference, Madison, WI with Andrew Williams (Stout), Krista-Lee Malone (Madison), Emil Harmsen (Milwaukee Area Technical College)
- 2017 **AEMI (Actuated Embedded Musical Instrument)** - Guthman Musical Instrument Competition, Georgia Tech
- 2017 **Recent Research and Creative Activities**, speaker, for the WSTS at UW-Platteville
- 2013 **Music Technology Session**, panel (invited) Fulbright Science & Technology Conference, New Orleans, LA. with Tae Hong Park, Jeff Albert
- 2013 **Musical interactions with GUA**, presentation (peer-reviewed) South Central Regional Tuba and Euphonium Conference, LSU, Baton Rouge, LA
- 2012 **Technical presentation on underlying technologies developed: GUA**, presentation, International Tuba Euphonium Conference, Linz, Austria
- 2012 **Music by Design**, TEDxLSU Louisiana State University, Baton Rouge, LA <http://www.tedxlsu.com>; <http://www.youtube.com/watch?v=esIMFVAhbYI>
- 2012 **GUA: Development of a instrument**, paper National Student Electronic Music Event, Temple University, Philadelphia, PA
- 2012 **Social Structure and other interactive works**, presentation International Society of Electronic Art (ISEA), Albuquerque, NM

- 2012 **What the What: A composer perspective works for Laptop Orchestra**, (peer-reviewed) Presentation - Society for Laptop Ensembles and Orchestras, Louisiana State University, Baton Rouge, LA
- 2012 **Performance and Control Nomenclature for Laptop Orchestra Works**, poster Presentation - Society for Laptop Ensembles and Orchestras, Louisiana State University, Baton Rouge, LA
- 2011 **GUA: A New Digital Instrument**, paper (peer-reviewed)
Electroacoustic Barn Dance, University of Mary Washington, Fredericksburg, VA

OTHER PERFORMANCES

- 2021 Musical Performance with *The Spinning Earth Shall Spread Before You* by Anthony T. Marasco Barn Dance' at Circuit Bender's Ball | Experimental Music Festival, March 13, 2021
- 2019 Musical Performance with *The Bell Monks* at the 'ElectroAcoustic Barn Dance' at Jacksonville University with Jeff Herriott and Eric Sheffield. November 14-16, 2019
- 2019 Musical Performance of Junior Kimbraugh's *Meet Me in the City*, RL Burnside *Going' Down South* with Eric Sheffield for 'Root Signals Music Festival' at Georgia Southern University. February 21-23, 2019
- 2018 Musical Performance with Eric Sheffield for 'ElectroAcoustic Barn Dance' at Jacksonville University. Performances of John Cage's *Cartridge Music* and Robert Ashley's *Trio I*, with AEMI, my created instrument. (Nov 10, 2018)
- 2018 Performance with Stephen David Beck at University of Wisconsin-Whitewater, WI. Electronic works by Beck and Ge Wang (Feb 22, 2018)
- 2017 Musical Performance with Eric Sheffield for 'ElectroAcoustic Barn Dance' at Jacksonville University. Performances of LaMonte Young's *Composition 1960 #7* and James Tenney's *Swell Piece for Alison Knowles* was with created instrument AEMI. (Feb 10, 2018)
- 2017 Musical performance with Guest Artist Ben Willis, bassist, and Matt Sintchak. Light Recital Hall, UWW. Performance of *Improvisations* by Ben Willis created instrument AEMI. (Oct. 31, 2017)

SELECT COMPOSITION PERFORMANCES

(** world premiere)

- 2022 **You are the Product **** - A mobile phone audience participation piece
New Media Ensemble Concert, May 2022
University of Wisconsin-Whitewater, Light Recital Hall
- 2022 **Peace ** for Voice and Computer Performers**
Text by Rupert Brooke,
Dayne Farris, Grant Larson, Spencer Carey
New Media Ensemble Concert, May 2022
University of Wisconsin-Whitewater, Light Recital Hall
- 2022 **SHP of THSEUS** - A telematic remotely- and audience-controlled musical work.
New York Electronic Music Festival, July 23, 2022. Anthony T. Marasco, Jeff Herriott, Eric Sheffield, Nick Hwang performers (peer reviewed)
- 2020 Performance / Demonstration: **RE/SHIFT/ER, SHP of THSEUS** - A telematic remotely- and audience-controlled musical work. Society for ElectroAcoustic

- Music in the United States, Virtual, April 23, 2021. Anthony T. Marasco, Jeff Herriott, Eric Sheffield, Nick Hwang performers (peer reviewed)
- 2020 **SHP of THSEUS** - A telematic remotely- and audience-controlled musical work. Performing Media Festival [PMF~ 2021], Virtual, February 21, 2021. Anthony T. Marasco, Jeff Herriott, Eric Sheffield, Nick Hwang performers (peer reviewed)
- 2020 **SHP of THSEUS** - A telematic remotely- and audience-controlled musical work. Network Music Festival, Virtual, July 17, 2020. Anthony T. Marasco, Jeff Herriott, Eric Sheffield, Nick Hwang performers (peer reviewed)
- 2020 **World of Soundcraft** - (Four Game Controllers and Audience participation) Missouri Experimental Sonic Arts Festival, University of Central Missouri, March 5-7, 2020**. Anthony T. Marasco, Monica Pearce, Eric Sheffield, Nick Hwang performers (peer reviewed)
- 2019 **Moment** - (Electric Guitar and Electronics) - Root Signals Music Festival - Eric Sheffield, Georgia Southern University
- 2017 **Nocturne for Saxophone Quartet**
2017 - University of Wisconsin-Whitewater Saxophone Quartet, Whitewater, WI
- 2016 **The Phloem and the Xylem** (Mixed Ensemble and Electronics) - Cosmographie Show- UW-Whitewater, Light Recital Hall
Earth Day, April 2016
- 2016 **Presidential Cycles** (Laptop Duo) - The Body Electric Show - UW-Whitewater, Light Recital Hall
Jesse Allison and Nick Hwang
- 2014 **Sunset** - Flute, Bb Clarinet, and Piano
2014 - Versipel New Music Collective concert series, New Orleans, LA**
- 2014 **Origin** (40-minute Electroacoustic soundtrack for Movement Theatre Dance work, 2014)
2014 - Edinburgh Festival Fringe, Edinburgh, Scotland (Five performances)
2014 - Shaver Theatre, Baton Rouge, LA (Three Performances)**
- 2013 **Dracones Nursery** - Alto Saxophone and Interactive Electroacoustics, Commissioned by Taylor Barbay
2017 - New York Electronic Music Festival, Abrons Theatre, New York, NY
2015 - Root Signals Music Festival, Jacksonville University, Jacksonville, FL
2015 - New Music from the Bayou, University of Wisconsin-Whitewater, Whitewater, WI
2014 - National Student Electronic Music Event, Georgia Southern University, Statesboro, GA
2013 - North American Saxophone Alliance - Orlando Conference, Univ. Central Florida, FL**
- 2012 **Fishing for Jörmungandr** (Two tubas and two GUA performers, Commissioned by Andy Larson)
2015 - New Music from the Bayou, University of Wisconsin-Whitewater, Whitewater, WI
2013 - National Student Electronic Music Event, Temple Univ., Philadelphia, PA
2013 - South Central Regional Tuba and Euphonium Conference, LSU, Baton Rouge, LA
2012 - International Tuba Euphonium Conference, Linz, Austria **

- 2012 **Clariphon** (solo clarinet, commissioned by Arianna Tieghi)
2012 - International Arts Educators Forum, Citta di Castello, Italy **
- 2012 **Pluck** (Solo Cello and Laptop Orchestra with wii-motes)
2013 - Laptop Orchestra Concert, Baton Rouge, Louisiana
2012 - Society for Laptop Ensembles and Orchestra symposium, Baton Rouge, Louisiana
- 2012 **Synecdoche** - for Video and Four Channel Audio
2013 - High Voltage - Baton Rouge, Louisiana
2012 - Prospectives International Digital Art Festival, Fleischmann Planetarium, University of Reno, Nevada
2012 - High Voltage - Baton Rouge, Louisiana
- 2012 **Pop Reference** (fixed media)
2012 - Prospectives International Digital Art Festival, Fleischmann Planetarium, University of Reno, Nevada
2012 - Electric Latex, University of Texas-Austin
- 2011 **What the Freq** for Laptop Orchestra
2012 - Laptop Orchestra of Louisiana, Baton Rouge, LA
- 2011 **Semi-Tubular** for Trombone and Electronics
2011 - High Voltage Concert, Jeff Albert, Baton Rouge, Louisiana
- 2011 **Social Structure [Construction no. 1]** - (Constructed Speaker Cubes, Video Tracking, Projections)
2011 - Pixilerations v.8, Brown University, Providence, RI
- 2011 **Wait** (fixed media)
2012 - Prospectives International Digital Art Festival, Fleischmann Planetarium, University of Reno, Nevada
2011 - Electroacoustic Barn Dance, U of Mary Washington, Fredericksburg, VA
- 2010 **Moment** for Solo Cello
2010 - Pedro Huff, NACUSA MidSouth Chapter Concert, Louisiana State University, LA
- 2010 **Improvisations for Acoustic and Electronics** for Laptop Orchestra
2012 - Laptop Orchestra of Louisiana, Baton Rouge, LA
2011 - Laptop Orchestra of Louisiana, Baton Rouge, LA
2010 - Laptop Orchestra of Louisiana Tour (8 performances) **
- 2010 **GUA** (electronic musical instrument)
2011 - Society for Electro-Acoustic Music in the US National Conference, University of Miami, Miami, FL
2010 - International Society of Improvised Music, University of Michigan, Ann Arbor, MI
- 2010 **Louisiana Rain for Two Percussions**
2010 - New Music Festival, Dana Difilippantonio, Jude Traxler, Louisiana State University, Baton Rouge, LA
- 2010 **Allie's Back Porch** (fixed media)
2010 - International Computer Music Conference, New York University - Stony Brook, New York, NY
- 2010 **What the Bells** for Laptop Orchestra
2010 - Laptop Orchestra of Louisiana, Baton Rouge, LA

- 2009 **Nocturne** for String Orchestra
2011 - Louisiana Sinfonietta, Baton Rouge, LA
2009 - Louisiana Sinfonietta, Baton Rouge, LA **
- 2009 **Pins and Needs Bend Break** for Solo Saxophone
2010 - Louisiana Sinfonietta, Athanasios Zervas, Baton Rouge, LA
2009 - Lindsey Jacob Masters Recital, Lindsey Jacob, Baton Rouge, LA
- 2008 **Night** for Full Orchestra
2009 - Reading by Louisiana State University
- 2008 **String Quartet No. 2**
2009 - New Music Festival, Louisiana State University, Baton Rouge, LA
2009 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA
2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA **
- 2008 **Chortle** for stereo playback
High Voltage Concert - Louisiana State University, LA
- 2008 **Adjacency** for Solo Flute
2010 - NACUSA South Central Concert, Louisiana State University, LA
2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA **
- 2008 **Clarify** for Solo Violin
2009 - NACUSA South Central Concert, Louisiana State University, LA
2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA **
- 2007 **Fatigue** for two-channel playback
2007 - High Voltage Concert - Louisiana State University, LA
- 2007 **Breakbeat** for two-channel playback
2007 - High Voltage Concert - Louisiana State University, LA
- 2006 **Freer** for solo saxophone
2011 - Theofolis Satirides, Baton Rouge, LA
2008 - Lindsey Jacob, NACUSA MidSouth Chapter Concert, Baton Rouge, LA
2006 - Athanasios Zervas, Baton Rouge, LA
- 2006 **Memories** for Mixed Ensemble
2006 - LSU New Music Ensemble Concert
- 2006 **Quintet for Woodwinds**
2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA
2007 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA
- 2006 **Duet** for Flute and Trumpet
2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA
2006 - New Music Festival, Louisiana State University, Baton Rouge, LA
- 2006 **Entropy** for Mixed Percussion
2006 - New Music Festival, Louisiana State University, Baton Rouge, LA
2006 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA **
- 2005 **The Dark** for Soprano and Harpsichord

- 2008 - Nick Hwang Master's Recital, Louisiana State University, Baton Rouge, LA
- 2005 2006 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA
In Reverie for Alto Saxophone and Piano
- 2008 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA
- 2005 2005 - Nick Hwang Bachelor's Recital, Derek Savko, Gainesville, FL
Love Itself Shall Slumber On for Soprano, Marimba, and Cello
- 2007 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA,
Allison Schnake, Dana Difilippantonio, and Elizabeth Meszaros
- 2005 2005 - Nick Hwang Bachelor's Recital, Derek Savko, Gainesville, FL **
Sonata for Oboe
- 2007 - NACUSA MidSouth Chapter Concert, Louisiana State University, LA
- 2005 - Nick Hwang Bachelor's Recital, Diana Chen, Gainesville, FL **

EXHIBITIONS / INSTALLATIONS / VIDEO GAMES / SOFTWARE

- 2022 **v.erses**, an installation with interactive video/sound (July, 2022)
Shall Make Shall Be Exhibit, Federal Hall, NY
Meg Schedel, Melissa Clarke, Nick Hwang, Omkhar Bhatt
- 2022 **Collab-Hub Client Max Package**, a package library for the programming
language Max
Published internally in Max IDE
<https://github.com/Collab-Hub-io/Collab-Hub-Max-Client>
Released April 2022
- 2021 **Tapping Music**, a rhythm game for mobile phone based on the music by Steve
Reich on Google Playstore (https://play.google.com/store/apps/details?id=com.PrettyKittyGames.Tapping_Music)
Released December 6, 2021
- 2021 **Rhumbline: Spatial Listening of Zoomorphic Musical Robots**, Interactive
Installation, New Instruments of Musical Expression Conference | Shanghai, June
14-18, 2021
Margaret Schedel, Nick Hwang, Rob Cosgrove, Brian Smith, Society for
ElectroAcoustic Music in the United States, Virtual, April 23, 2021
- 2021 **Rhumbline**, Interactive Installation,
Margaret Schedel, Nick Hwang, Rob Cosgrove, Brian Smith, Society for
ElectroAcoustic Music in the United States, Virtual, April 23, 2021
- 2019 **Vo-lo-roo**, Interactive Game Installation, Jeff Herriott and Bill Miller,
ElectroAcoustic Barn Dance, Jacksonville University, Nov 14-16, 2019
- 2019 **We Give Our Consent**, Interactive Art Exhibit, Jeff Herriott and Bill Miller,
Crossman Gallery, UW-Whitewater, Feb 7-26, 2019
- 2019 **Moving Portraits**, Interactive Installation the Roberts Gallery, UW-Whitewater,
April 3-17, 2019
- 2018 **Moving Portraits**, Interactive Installation for Warriors and Wizards Festival,
Jefferson, WI
- 2018 **Potion Gathering** (Oculus) - Virtual Reality game. Logan Docherty, Ian McVey,
Todd Noreen
<http://prettykittygames.com>

- 2017 **Let's Explore Yellowstone** (PC, MAC) - Educational Game. Katherine Stull, Christian Heide, Brandon Gill, <http://yellowstonegame.com>
- 2016 **Mirror** - Interactive installation
Crossman Gallery, Center for the Arts, University of Wisconsin-Whitewater, WI
- 2015 **Road Impressions** from *On the Road Connecting Us* show
Interactive Collaboration with Sheryl Southwick, Baton Rouge, LA
- 2015 **Immersive Sound Installation** (invited) for Emerge Center of Baton Rouge, LA
- 2015 **Traces: Venice**
Sonic Installation collaboration with Sandra Russel Clark
LSU Museum of Art, Baton Rouge, LA
- 2015 Spatialized sonic walk for **Baton Rouge Gallery Surreal Salon Soiree** (invited),
Baton Rouge, LA
- 2014 **Soft Impressions** interactive installation at Prospect3+BR Arts Biennial (Baton Rouge)
- 2014 **Transportal** Cross-campus interactive musical installation at LSU
- 2014 Spatialized sonic walk for **Baton Rouge Gallery Surreal Salon Soiree**
- 2013 **Entwined** A pair of interactive sculptures (invited) **Uncommon Thread: Wearable Art Show**
- 2013 **Exquisite Corpse** Interactive video installation at the **Baton Rouge Gallery Surreal Salon Soiree**
- 2013 **Papyrus** interactive sonic installation for the **Baton Rouge Blues Festival**
Downtown Baton Rouge, Louisiana
- 2012 **Coelocyte, Panta Rhei, and Panoply** (three installations) in SPACES: an interactive art show, Baton Rouge
- 2012 **Oosphere** interactive installation at Fluxswitch art show, Downtown Baton Rouge, Louisiana
- 2012 **Dough-drop, A Sight for Sore Eyes** art show, Downtown Baton Rouge, Louisiana
a sonic installation (interactive programming and sensor hardware)
- 2012 **Social Structure [Construction no. 1]**
- SEAMUS2012, Lawrence University, Appleton, Wisconsin
- New Instruments of Musical Expression, University of Michigan, Ann Arbor, Michigan
- 2011 **Social Structure [Construction no. 1]**
- Pixilerations v.8 Festival , Granoff Center, Brown University. Providence, RI
- Exhibit, Foster Gallery, LSU, Baton Rouge, LA

THEATRE / FILM MUSIC / SOUND DESIGN

- 2019 (Commissioned) Sound Design and music for Dr. John's Folks Middle School Theatre's performance of *Everyman in the circus of life* (Feb. 8 & 15, 2019)
- 2015 Sound Design and Engineering for RED by John Logan with Bridge Nouveau Theatre Company
- 2014 Origin, a 40-minute electronic composition for LSU's Movement Theatre Department
New Wave Film Score for LSU's French Film Studies Documentary
- 2013 Commercial Foley and Audio Editing for Poon Films
Sound and Foley for LSU Films Night Herons

- 2011 Arrangement for A Funny Thing Happened on the Way to the Forum, Bonabel High School, New Orleans, LA
- 2010 Sound Design and Incidental Music for An Evening of Chekhov, LSU Theatre
- 2010 Sound Design and Incidental Music for The Importance of Being Earnest, LSU Theatre
- 2009 Music Director and Arranger for Musical Promenade, LSU Theatre

PROFESSIONAL AFFILIATIONS

International Game Developers Association (IGDA)
 Society of Composers, International (SCI)
 College Music Society (CMS)
 International Computer Music Association (ICMA)
 American Composers Forum
 The American Society of Composers, Authors, and Publishers (ASCAP)
 Society of Electroacoustic-Music in the United States (SEAMUS)
 National Association of Composers/USA (NACUSA)
 President of Mid-South Chapter 2007-2008;
 Secretary/Treasurer of Mid-South Chapter 2010-2011
 International Computer Music Association (ICMA)
 Music Teachers National Association (MTNA)
 Sonic Art Collective, Co-founder, President (2012), Vice President (2011) at LSU

AREAS OF EXPERTISE

TOPICS

interactivity, acoustic and electroacoustic music composition, history and analysis of electroacoustic music, acoustics, digital, signal processing, sound design, audio programming, live coding, improvisation, multimedia, game design, game development

PROFICIENCY IN SOFTWARE AND PROGRAMMING LANGUAGES

Finale, Max/MSP, ChucK, Logic, ProTools, Arduino, Reason, Unity, C#, Adobe Illustrator, Photoshop, Premiere, Final Cut Pro, Processing, PureData, QLab, HTML, CSS, JavaScript, Gibber, Tone.js, Java, Node.js

COLLABORATORS

Jesse Allison (LSU), Michael Straus (Other Minds, SF), Jeff Albert (Loyola University), J Corey Knoll (LSU), William Conlin (LSU), Andy Larson (LSU), Tom LaPann (LSU), Sarah Jones, Baton Rouge Walls Organization, Baton Rouge Gallery, Baton Rouge Blues Festival, Elevator Projects, Jeff Herriott, Bill Miller, Eric Sheffield (Miami University of Ohio), Anthony T. Marasco (UT-RGV), Margeret Schedel (Stony Brook), Brian Smith (Texas State), Abby Fisher (Univ. of Tennessee-Knoxville), Melissa Clark, Jocelyn Ho (UCLA)