



benjohansen.com

STRENGTHS

teaching / fostering
creativity / learning
curiosity / ingenuity
collaboration / transdisciplinarity
communication / listening
flexibility / adaptability
integrity

SKILLS

teaching
music composition
music technology
coding
physical computing
video / photo
craftsmanship

BEN JOHANSEN

Composer | Educator | Researcher | Coder

EDUCATION

2012 **Ph.D. in Music** - University of North Texas
Emphasis in Music Composition
Specialization in Computer Music Media
Minor in Installation Art

Composition studies with:

Dr. Jon Nelson, Dr. David Bithell, &
Dr. Cindy McTee

Computer music studies with:

Dr. Jon Nelson and Dr. Andrew May

Intermedia technology studies with:

David Stout and Dr. David Bithell

2008 **Master of Music in Composition** - Baylor University
Composition studies with:
Dr. Scott McAllister

2004 **Bachelor of Music Education** - Baylor University
Emphasis in Instrumental Music
All-Level Music Teaching Certificate
Saxophone studies with:
Dr. Michael Jacobson

HONORS

UNT Toulouse Graduate Studies Doctoral Fellowship
[\$40k + tuition + assistantship + health insurance]
Offered UNT Toulouse Doctoral Research Cluster Fellowship
Lewisville Lake Symphony "Love and Immortality Project"
Phi Kappa Phi Honors Society
Who's Who Among American Universities and Colleges
Pi Kappa Lambda National Music Honors Society member
Golden Key International Honors Society member
Member of the Dean's Council of Baylor University
Andy Cron Award Winner
Eagle Scout

TEACHING EXPERIENCE

Digital Scholarship Liaison Librarian (faculty position), Baylor University (2015 – Present)

Established the first DS program at Baylor along with colleague, Megan Martinsen
Created the Digital Scholar Program for graduate students to gain DS skills over the summer
 Teach students & faculty to use digital tools to ask/answer research questions in new ways
 Guide researchers in creating narratives from their data
 Partner in the research of faculty and students by supporting DS projects

MUS1331: Technology for Music Educators, Baylor University (2007 – Present)

Empower future music educators with digital and media literacy
 Equip students with experience using a myriad of technologies including:
 music software and hardware, online branding/presence, videography, new media
 presentation, interviewing, productivity, copyright and licensing, etc.

Composition, Theory, & Technology Summer Teacher, Baylor University (Summers: 2005 – Present)

Foster life long learning of music in Piano Institute and Choral Camp students
 Instill confidence with technology in ministers by teaching Finale at the Alleluia Conference

MUS4203: Advanced Electronic Studio, Baylor University (2006 – 2014)

Introduced fundamentals of audio synthesis, recording, and manipulation
 Cultivated student development of real-time electroacoustic music performance skills
 Taught Max & Pure Data, DAWs, and hardware such as Arduino, Leap, Kinect, etc.

TA for MUCP5590: Intermedia Performance Art, David Stout, University of North Texas (2010 & 2011)

Facilitated and ran all multidisciplinary tech needs for class meetings and performances
 Installed all new equipment in UNT's new Hybrid Arts Lab (HAL)

Mentor for the Frisco Independent Study/Mentor Program, Frisco ISD (2010)**TA for MUCP1080: Beginning Composition Class**, Joseph Klein, University of North Texas (2009)

Taught weekly course lab: encouraged and instructed beginners in becoming skilled composers

Private Saxophone Instructor, Waco Area Schools (2000 – 2008)**MUS1107/3207 Composition Teacher**, Baylor University (2007)**TA for Theory Courses**, Baylor University (2005 – 2008)**Founder/Leader of "DECOMP" (weekly composer gathering)**, Baylor University (2005 – 2008)

Catalyzed discussions of new music issues and led exercises in creativity
 Unified the composition studio and developed a platform to discuss studio ventures
 Supplied a one-of-a-kind setting for visiting artist discussions

Student Teacher for Band Grades 6-12, Midway Independent School District (2004)

*My aim is for students to shed hindrances, gain confidence,
 and become innovative, mature, wise, knowledgeable, skilled, problem solving, creative scholars.*

ART TECHNOLOGY EXPERIENCE

Manage the Arts Research Coalition (ARC) lab, Baylor University (2006 - Present)

Created the ARC along with Dr. McAllister in 2006 while conducting graduate studies

Directed improvements for the ARC lab's 2014 renovation

Encourage and support interdisciplinary collaboration/experimentation to create new art

Manage yearly budget and oversee/maintain all of the cutting-edge technology and services

Collaboration with Art Faculty, Julia Hitchcock, on Data-Driven Art Installation, Baylor University (2016)

Collaboration with Francesca Arnone & Mikylah McTeer on Big XII Faculty Fellowship (2013-14)

Member of IMPULSE, Denton, TX (2009 - 2014)

Founded the improvisation ensemble along with four other Ph.D. composers

Performed real-time collaborative composition concerts and taught improvisation masterclasses

Improvised with a large variety of interactive audio and video technologies during performances

Collaborated with contact-improv dancers, composers, and graphic animators

Audio and Digital Projects Coordinator, Baylor University (2012 - 2015)

Spearheaded digital special projects with the Riley Digitization Center

Promoted use of current technologies and trained students, faculty, and staff to use them

Cooperated with music faculty to provide digital and physical reserves in their courses

Managed and advanced music software and hardware for the Crouch Fine Arts Library

Supervised student workers and provided reference support to patrons

iARTA Physical Computing Sensor Research, University of North Texas (2011 - 2012)

Developed, designed, and built sensors to be used in NoiseFold music/video art performances

Center for Experimental Music & Intermedia Staff, University of North Texas (2009 - 2011)

Supported state-of-the-art research, creative work, performance, & teaching with intermedia tech

Worked on CEMI staff team on 2009 renovation of the Merrill Ellis Intermedia Theater (MEIT)

16.1-channel surround sound system; 3-screen 270-degree video system

Custom software/hardware systems for audio/video/lighting control

Personally redesigned and installed new MEIT video projection infrastructure

Operated and implemented constantly-changing technology for over 60 MEIT performances

Designed, setup, and maintained 4 separate studio areas, 3 of which had 8-channel sound systems

Intern for Currents 2010 (International New Media Festival) Sante Fe, New Mexico (Summer 2010)

Installed & ran custom screens, projectors, and other electronics - turning a warehouse into a venue

TECH
ASSETS

Interactive Performance	Max, Pure Data, Isadora, Ableton Live
Music Notation	Finale, Sibelius
Audio (DAW)	Logic Pro, Pro Tools, Reaper
Video	Adobe Premiere, Final Cut
Graphics	Adobe CC (Photoshop, LightRoom, InDesign, Illustrator)
Languages	Java, HTML, CSS, XML, R
Operating Systems	Mac / Linux / Windows
Physical Computing	Arduino, Raspberry Pi, Teabox, various sensors, robotics, etc.
Additional Hardware	Audio, Video, Photo, DMX Lighting, Control Surfaces, etc.
Digital Scholarship	text/network/image analysis, GIS, data visualization, etc.

ACADEMIC SERVICE

Graduate Research Center Steering Committee, Baylor University (2016 - Present)
 Designed 20x4 foot, \$150k visualization wall for research and digital pedagogy
 Create event and teaching programming for the GRC

Collection Development Committee, Baylor University (2016 - Present)
 Advise Baylor Libraries administration on collection development issues
 Prioritize and approve orders for non-journal requests costing >\$1,000

Composition Competition Judge, Texas Music Teachers Association (2016)

Editor-At-Large, ACRL DH+Lib Review (2016)

Search Committee, Baylor University Reserves and Technology Coordinator Position (2015)

CONFERENCE PRESENTATIONS

"Data + Art: Digital Scholarship in the Art Dept," Cross Timbers Conference - Fort Worth, TX (2016)
 Ben Johansen & Megan Martinsen

"University Performance Recordings," Texas Music Libraries Association - Denton, TX (2014)
 Ben Johansen & Chris Diamond

PROFESSIONAL TRAINING

"XML Applications and Databases," Digital Humanities Summer Institute - U. of Victoria, Canada (2016)

AV Processing Workshop, Tulane College - New Orleans, Louisiana (Summer 2013)

ADDITIONAL PROFESSIONAL EXPERIENCE

Book Examples Creation and Book Editing for Publication for Music Theorist, Dr. Eric Lai (2008)

Sheet Music Editing for Publication for Theorist and Composer, Dr. Doug Claybrook (2007)

Audio Recording Editing for Reproduction and Resale for Choral Conductor, Jeffery Ames (2007)

Interim Music Minister, Chalk Bluff Baptist Church - Waco, TX (Summer 2007)

Special Projects Intern, Irving Schools Foundation - Irving, TX (Summer 2003)

Assistant Festival Director, Fine Arts Chamber Players - Dallas, TX (Summer 2001)

RESEARCH INTERESTS

Composition Pedagogy
 Music Technology in the Classroom
 Data-Driven Music
 Interactive Hardware for Performance

Interdisciplinary Art Creation
 Christian View of Art
 Real-Time Composition
 Creativity

COMPOSITIONS

Heard and Unheard (12') - fixed electroacoustic work (2016)
for eight speakers

Phonotopoeia - sound based artist book (2015)
for reader

React (8') - interactive electronics (2014)
for flute, violin, and interactive electronics
Commissioned by Francesca Arnone and Mikylah McTeer as part of a Big XII Faculty Fellowship
Recording released by PARMA April 8, 2016 (catalog # RR7930)

Interact (7') - interactive electronics (2013)
for flute, violin, and computer performer
Commissioned by Francesca Arnone and Mikylah McTeer as part of a Big XII Faculty Fellowship
Recording released by PARMA April 8, 2016 (catalog # RR7930)

relent (25') - chamber piece with interactive electronics (2012)
for alto saxophone, double bass, two percussionists, and interactive electronics
University of North Texas Ph.D. Dissertation based on the Christian gospel
Premiere: University of North Texas (April 2012)

Twelve - site-specific art installation (2011)
materials: twelve 2footx4foot sheets of metal hanging in wood frames containing Arduino microcontrollers,
batteries and wireless communication devices
Premiere: Texas Women's University Arts Triangle Walk (March 31, 2011)

This Room Has a Pulse I & II (3hours) - a living installation (2010 and 2011)
for Impulse improvisation ensemble, electroacoustic interactive audio, interactive video, and TWU dancers
Created by the members of Impulse
Interactive video projections by Ben Johansen (3 screens, 3 live cameras, Isadora)

preVIEW - interactive, installation piece (2010)
materials: wireless camera, servo motor, custom built Arduinos, Isadora, Mac Mini, monitor

Recycled Sound - interactive, site-specific art installation (2010)
materials: metal sculptures with sound making devices and microcontrollers attached
Collaboration with Jonathan Snow (sculptor)
Premiere: Texas Women's University Arts Triangle Walk (March 25, 2010)

rip (10') - percussion ensemble (2009)
for percussion ensemble, paper, and cardboard boxes
Commissioned by Michael Crawford
Premiere: Baylor University (October 14, 2009)

COMPOSITIONS (cont.)

Light-Box (7') - fixed electronic media (2009)

for computer controlled wooden box with RGB LED, 5.1 surround sound, and video
 Premiere: University of North Texas (April 20, 2009)

MONOCHROMADDICT (8') - clarinet quartet (2008)

for two Bb clarinets and two bass clarinets
 Premiere: UNT clarinets - University of North Texas (March 30, 2009)

4 (6') - instrument and real-time electronics (2008)

for trumpet and 4-channel Max/MSP environment
 Commissioned by trumpeter Steven Murray
 Premiere: Steven Murray - Baylor University (2008)

IMPACT (18') - percussion concerto (2007)

for solo percussion, sax quartet, brass quartet, and string quartet
 Commissioned by percussionist Todd Meehan
 Premiere: Todd Meehan and various Baylor musicians; conducted by Colin McKenzie
 University of Texas (October 30, 2007)
 Baylor University (November 5, 2007)

stir (11') - art song (2007)

for tenor voice, bass trombone, and piano
 Commissioned by bass trombonist Louis Bremer
 Premiere: Glenn Beals, tenor voice; Louis Bremer, bass trombone; and Zachary Ridgway, piano
 Baylor University Composition Concert (April 12 & 20, 2007)

Gravitations (18') - collage (2006)

for winds, strings, percussion, voice, electronics, fish, and other visuals
 Premiere: Ben Johansen and 22 various Baylor musicians
 Baylor University Composition Concert (November 9, 2006)

Piezo2 - sound installation (2006)

for public participation
 Premiere: Baylor University McCrary Music Building (all day May 1, 2006)

Brainwash (9') - percussion solo (2006)

for solo percussion and acoustic/electric real-time electronic instruments
 Commissioned by percussionist Yu-Chun Kuo
 Premiere: Yu-Chun Kuo
 Baylor University Percussion Recital (April 9, 2006)
 Baylor University Holocaust Remembrance Day (April 25, 2006)

COMPOSITIONS (cont.)

ENGULFED (9') - large ensemble work (2005)

for wind ensemble, string orchestra, organ, tenor choir, 2 drum sets, 2 electric guitars, and 2 electric basses



[three paintings] (10') - saxophone quartet (2005)

for four alto saxophones

Premiere: Ben Johansen and three additional Baylor saxophonists

Baylor University Composition Concert (November 14, 2005)

yellow light blue mirror (6') - percussion piece (2005)

for four marimbas and a piano

Premiere: Baylor University Percussion Group (November 15, 2005)