

# Ben\_Johansen

Composer Educator Coder Innovator



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benjohansen.com



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## EDUCATION

Ph.D. in Music

Emphasis in Music Composition

Specialization in Computer Music Media

Minor in Installation Art

University of North Texas | 2012

Composition studies: Dr. Jon Nelson,

Dr. David Bithell, & Dr. Cindy McTee,

Computer music studies:

Dr. Jon Nelson and Dr. Andrew May

Intermedia technology studies:

David Stout and Dr. David Bithell

Master of Music in Composition

Baylor University | 2008

Composition Studies: Dr. Scott McAllister

Bachelor of Music Education

Baylor University | 2004

Saxophone studies: Dr. Michael Jacobson

## STRENGTHS / SKILLS

CREATIVITY / INNOVATION

TEAMWORK / COLLABORATION

LEARNING / TEACHING / CURIOSITY

ACTIVE LISTENING / COMMUNICATION

PROBLEM-SOLVING / INGENUITY

SELF-DISCIPLINE

## WORK & TECHNOLOGY EXPERIENCE

Lecturer in Composition and Computer Music

Baylor University | Waco, TX | 2017 – Present

Teach undergraduate/graduate music composition and technology courses:

Manage/Advance Alinea, Baylor's educational electro-acoustic lab

Encourage interdisciplinary collaboration/experimentation to create new art

Budget/oversee/maintain all of the cutting-edge technology and services

Manage/Maintain the Music Computer Lab in the Moody Art Library

Serve as Academic Technology Director for the School of Music

Develop and maintain the School of Music website (as official Webmaster)

Redesigned site in 2017 and currently redesigning/migrating to Drupal CMS

Digital Scholarship Liaison Librarian

Baylor University | Waco, TX | 2015 – 2017

Established the first DS program at Baylor along with Megan Martinsen

Created the *Digital Scholar Program* for graduate students to gain DS skills

Taught digital tools to help researchers ask/answer questions in new ways

Guided researchers in creating narratives from their data

Partnered in the research of faculty/students by supporting DS projects

Audio and Digital Projects Coordinator (Crouch Fine Arts Library)

Baylor University | Waco, TX | 2012 – 2015

Spearheaded digital special projects with the Riley Digitization Center

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

Cooperated with music faculty to provide digital and physical reserves

Managed/advanced music software/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 | Denton, TX | 2011 – 2012

Developed, designed, and built sensors to be used by NoiseFold

Installed all new equipment in UNT's new Hybrid Arts Lab (HAL)

## EXPERTISE

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MAX (Cycling '74)

LOGIC PRO / DAVINCI RESOLVE

DORICO / FINALE / MUESCORE

ARDUINO (Certified) / Physical Computing

ANALOG SYNTHS

HTML / CSS / JAVASCRIPT

ADOBE CC

DIGITAL SCHOLARSHIP

HOME IMPROVEMENT

## PROFICIENCIES

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ABLETON LIVE / PRO TOOLS / REAPER

DATA DRIVEN ART

GIT

DRUPAL / WORDPRESS

NODEJS / WEBSOCKETS

GOOGLE ANALYTICS / SITEIMPROVE

REACT

JAVA

PURE DATA / CSOUND

## PORTFOLIO

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BENJOHANSEN.COM

## WORK & TECHNOLOGY EXPERIENCE CN...

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### Center for Experimental Music & Intermedia Staff

University of North Texas | Denton, TX | 2009 – 2011

Supported state-of-the-art research, creative work, performance, & teaching  
Worked with the CEMI staff team to renovate the Merrill Ellis Intermedia Theater  
Personally redesigned and installed new MEIT video projection infrastructure  
Operated/implemented constantly-changing technology for 60+ performances  
Designed, setup, and maintained 4 separate studio areas

### Member of IMPULSE

University of North Texas | Denton, TX | 2009 – 2014

Performed real-time collaborative composition concerts  
Taught improvisation masterclasses  
Improvised with a large variety of interactive audio/video tech for performances  
Collaborated with contact-improv dancers, composers, and graphic animators

## ADDITIONAL EXPERIENCE

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Academy for Teaching and Learning Summer Faculty Institute Fellow (Baylor)

University Teaching Development Grant to attend Expo'74 (Baylor)

Max (Cycling '74) Beta Tester

Digital Humanities Summer Institute (U. of Victoria, Canada)

Collaboration with Art Faculty on Data-Driven Art Installation (Baylor)

Collaboration with flute/violin faculty on Big XII Faculty Fellowship

Composition, Theory, & Technology Summer Pre-College Programs Teacher

AV Processing Workshop Attendee (Tulane College, Louisiana)

Intern for Currents 2010 (International New Media Festival - Santa Fe, NM)

TA for Composition, Intermedia, and Theory courses (Baylor & UNT)

Mentor for the Frisco Independent Study/Mentor Program

## HONORS

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UNT Toulouse Doctoral Fellowship

Phi Kappa Phi Honors Society

Who's Who Among American Universities

Member of Dean's Council

Pi Kappa Lambda National Honors Society

Andy Cron Award Winner

Golden Key International Honors Society

Eagle Scout

## BAYLOR COURSES TAUGHT (By Semester)

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### Summer 2008 - Spring 2017 (prior to lecturer appointment)

MUS1331 Technology for Music Educators  
28 total sections taught

MUS4203 Electronic Studio  
1 section taught (Spring 2011)

### Fall 2017

MUS1331-01&02 Technology for Music Educators  
MUS2207-02 Elementary Composition I  
MUS3207-02 Composition  
MUS4203-01 Electronic Studio  
MUS4307-02 Advanced Composition I  
MUS4V09-01 Adv Electronic Studio  
MUS5207-02 Graduate Composition I

### Summer 2018

MUS1331-M1 Technology for Music Educators

### Fall 2018

MUS1331-01&02 Technology for Music Educators  
MUS3207-02 Composition  
MUS3307-02 Intermed Composition I  
MUS4203-01 Electronic Studio  
MUS4307-02 Advanced Composition I  
MUS4V09-01 Adv Electronic Studio  
MUS5V89-07 Spec Research Problems  
HON4V87-310 Honors Thesis (No Load Credit)

### Summer 2019

MUS1331-M1 Technology for Music Educators

### Fall 2019

MUS1331-01&02 Technology for Music Educators  
MUS3207-02 Composition  
MUS4203-01 Electronic Studio  
MUS4V09-01 Adv Electronic Studio  
MUS5207-02 Graduate Composition I

### Summer 2020

MUS1331-M1 Technology for Music Educators

### Fall 2020

MUS1107-502 Beginning Composition I  
MUS1331-01&02 Technology for Music Educators  
MUS4203-01 Electronic Studio  
MUS4307-02 Advanced Composition I

### Spring 2018

MUS1331-01&02 Technology for Music Educators  
MUS2208-02 Elementary Composition II  
MUS3308-02 Composition  
MUS4203-01 Electronic Studio  
MUS4V09-01 Adv Electronic Studio  
HON3101-310 Adv Readings & Research (No Load Credit)

### Spring 2019

MUS1331-01&02 Technology for Music Educators  
MUS3207-02 Composition  
MUS4203-01 Electronic Studio  
MUS4204-01 Advanced Orchestration  
MUS4308-02 Advanced Composition II  
MUS4V09-01 Adv Electronic Studio  
MUS5207-02 Graduate Composition I  
HON4V87-310 Honors Thesis (No Load Credit)

### Spring 2020

MUS1331-01&02 Technology for Music Educators  
MUS4203-01 Electronic Studio  
MUS4308-02 Advanced Composition II  
MUS4V09-01 Adv Electronic Studio  
MUS5207-02 Graduate Composition I

### Spring 2021

MUS1108-502 Beginning Composition II  
MUS1331-01&02 Technology for Music Educators  
MUS2208-502 Elem Composition II  
MUS4203-01 Electroacoustic Composition  
MUS4308-02 Advanced Composition II  
MUS4V09-501 Adv Electroacoustic Comp

## BAYLOR COURSES TAUGHT (By Semester) CN ...

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### Fall 2021

MUS1107-02	Beginning Composition I
MUS1331-01&02	Technology for Musicians
MUS2207-02	Elementary Composition I
MUS3307-02	Intermed Composition I
MUS4203-01	Electroacoustic Composition
MUS4307-02	Advanced Composition I
MUS4V09-501	Adv Electroacoustic Comp

### Fall 2022

MUS1331-01&02	Technology for Musicians
MUS3207-02	Composition (class)
MUS4203-01	Electroacoustic Composition
MUS4V09-501	Adv Electroacoustic Comp
MUS5V89-03	Spec Research Problems

### Fall 2023

MUS1331-01&02	Technology for Musicians
MUS3307-02	Intermed Composition I
* 25% research leave to compose an EA orchestral work for the Waco Symphony Orchestra	

### Fall 2024

MUS1107-02	Beginning Composition I
MUS1331-01&02	Technology for Musicians
MUS3207-02	Composition
MUS4203-01	Electroacoustic Composition
MUS4V09-01	Adv Electroacoustic Comp

### Spring 2022

MUS1331-01&02	Technology for Musicians
MUS3308-02	Intermed Composition II
MUS4203-01	Electroacoustic Composition
MUS4308-02	Advanced Composition II
MUS4V09-01	Adv Electroacoustic Comp
MUS4V80-01	Independent Studies
MUS5V89-03	Spec Research Problems

### Spring 2023

MUS1331-01&02	Technology for Musicians
MUS3308-02	Intermed Composition II
MUS4203-01	Electroacoustic Composition
MUS4308-02	Advanced Composition II
MUS4V09-01	Adv Electroacoustic Comp
MUS4V80-01	Independent Studies
MUS5V89-03	Spec Research Problems

### Spring 2024

MUS1331-01&02	Technology for Musicians
MUS2208-02	Elementary Composition II
MUS3207-02	Composition (class)
MUS3308-02	Intermed Composition II
MUS4308-02	Advanced Composition II

## SERVICE TO BAYLOR UNIVERSITY & THE COMMUNITY

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School of Music Strategic Plan Steering Committee (present)

Carpenter/Builder Volunteer, local elementary school (2022)

Composer Lab (2019 – Present)

EML Synth/Sequencer Restoration Project (2020)

Pre-1950 Music Programs Digitization (2020)

Ignite Change Leader (2019 - 2021)

Music Council (2018 – 19)

Enrollment Management Committee (2017 – 2020)

Academic Technology Director (2017 – Present)

ARP2600 Synth Restoration Project (2017)

Graduate Research Center Steering Committee (2016 – 17)

Collection Development Committee (2016 – 17)

Search Committee, Reserves & Tech Coordinator (2015)

# PORTFOLIO

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## Still (13') – interactive electronics (2023)

for full orchestra + computer

Commissioned by Miguel Harth-Bedoya and the Waco Symphony Orchestra

## Extemporizations No. 1 (12') – interactive electronics (2021)

for 2-5 percussionists + computer

Commissioned by the Southeastern University Department of Music, College of Arts and Media

## Bode (25') – interactive electronics (2020)

for solo double bass / cymbal and interactive electronics

Commissioned by Dr. Sandor Ostlund and Ian Donovan

Performance by Dr. Ostlund at 2021 International Society of Bassists convention in Lincoln, Nebraska

## Heard and Unheard (12') – fixed electroacoustic work (2016)

for eight speakers

## Phonotopoeia – rough prototype of a 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 2ft x 4ft sheets of metal hanging in wood frames, microcontrollers, batteries & wireless communication

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

## PORTFOLIO CN ...

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### 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)

### 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)

## PORTFOLIO CN ...

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### 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)

### 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)