

# JONATHAN GUNNELL Ed.D.

Manager, Online Programs  
University of Pittsburgh  
Adjunct Instructor  
Duquesne University

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jonathangunnell@gmail.com

## Education

- Doctor of Education (Ed.D.) – Instructional Technology and Leadership** 2017  
Duquesne University, School of Education (GPA: 3.97)  
Dissertation: *Relevant Versus Extraneous Music in Multimedia Instruction: A Study of the Coherence Principle*
- Certificate in Media Arts and Technology** 2012  
Duquesne University, McAnulty School of Liberal Arts
- Master of Music (M.M.) – Digital Pedagogy** 2009  
Duquesne University, Mary Pappert School of Music (GPA: 3.96)
- Bachelor of Music (B.M.) – Music Technology, Sound Recording** 2007  
Duquesne University, Mary Pappert School of Music (GPA: 3.4)

## Employment

- Manager, Online Programs** Jan 2017 – Present  
University of Pittsburgh, University Center for Teaching and Learning  
Manage central support services for online academic programs. Oversee the planning, development, delivery, and assessment of online programs and courses including all MOOCs offered by the university. Coordinate program management activities with a variety of faculty and administrators throughout the University. Manage a staff of instructional designers and technologists and oversee their work in course design, multi-media development, faculty development for online teaching, and compliance activities such as state authorizations, accessible course design, and copyright clearance. Coordinate communication among University stakeholders in online learning. Participate in the evaluation of program proposals for inclusion in the Pitt *Online* portfolio of more than a dozen online graduate programs across several schools within the University. Assist schools with marketing efforts for Pitt *Online* programs.
- Adjunct Instructor** Jan 2008 – Present  
Duquesne University, Mary Pappert School of Music  
Assist with curriculum development for current and future courses in music technology/production. Teach all levels of undergraduate and graduate music technology and multimedia courses.
- Instructional Technology Manager** Dec 2015 – Jan 2017  
University of Pittsburgh, Center for Instructional Development and Distance Education  
Manage and mentor Instructional Technologists within Pitt *Online*. Develop recourses for best practices and operational processes for the department.
- Instructional Technologist** Jul 2014 – Dec 2015  
University of Pittsburgh, Center for Instructional Development and Distance Education  
Collaborate with faculty and departmental staff to develop online courses for Pitt *Online* programs. Oversee development and publishing of all MOOC content. Build courses on Blackboard and Coursera platforms. Develop online instructional assets. Produce, record, and edit instructional video content. One-to-one consultation with staff and faculty regarding instructional technology selection and training.

## **Computer Lab Manager**

Aug 2012 – Jul 2014

Duquesne University, Mary Pappert School of Music

Train music faculty in instructional technology software and hardware. Hire, train, and supervise a team of student employees working in music technology labs across campus. Install, update, and repair music technology hardware and software. Purchase hardware and software.

## **Instructional Technology Consultant**

Aug 2012 – May 2013

Carnegie Mellon University, Heinz College

Consult with CMU teaching faculty, research emerging instructional technologies, and develop training materials under the direction of Dr. Kim J. Hyatt.

## **Expertise in Online Instruction**

- **Teaching** hybrid and fully online higher education courses (10 years)
- **Managing** teams of instructional designers and technologists in course development (2 years)
- **Consulting** faculty on instructional design and technology (7 years)
- Facilitating **faculty development** trainings and workshops (4 years)
- Producing, recording, and editing instructional **video** and **audio** content (15 years)
- Assisting in academic program **enrollment** and **marketing** efforts (1 year)

## **Technical Expertise**

- **Instructional Content Development.** Blackboard, Canvas, Coursera, OLI, Camtasia, CTAT, Captivate, Respondus, Articulate, Panopto, MediaSite, Kaltura, PowerPoint, Keynote, iBooks, H5P, various web-based applications.
- **Audio and Music Production.** Pro Tools, Audition, Logic, Ableton Live, Reason, Max/MSP, Reaper, MainStage, GarageBand. Familiar with a wide variety of audio production hardware.
- **Visual Production.** Premiere, Final Cut, Photoshop, Illustrator, Lightroom, Bridge, iMovie. Familiar with a wide variety of video production hardware.
- **Web Design.** HTML, CSS, PHP, jQuery, WordPress.

## **Peer Reviewed Publications**

Gunnell, J. (2017). Relevant versus extraneous music in multimedia instruction: A study of the coherence principle. Doctoral dissertation, Duquesne University.

Hyatt, K. J., Gunnell, J., Roberts, C., & Smith, H. (2013). Integrating technology throughout the writing process. *International HETL Review*, 3(7).

## **Peer Reviewed Presentations**

Gunnell, J. & Piccolini, A. (2016). *Pitt Online Toolbox: Building a centralized staff resource depot*. Presented at the Online Learning Consortium (OLC) Innovate 2016 conference, New Orleans, LA.

Gunnell, J. (2012). *Teaching with Max/MSP*. Presented at the Technology Institute for Music Educators (TI:ME) and Jazz Education Network (JEN) 2012 National Conference, Louisville, KY.

Mroziak, J. & Gunnell, J. (2012). *Music 2.0 – Webtools for Creative Pedagogy*. Presented at the Association for Technology in Music Instruction (ATMI) National Conference, Richmond, VA.

Gunnell, J. (2011). *Mashup the Music Classroom*. Presented at the Technology Institute for Music Educators (TI:ME) and Ohio Music Educators Association (OMEA) 2011 National Conference, Cincinnati, OH.

## Courses Taught

### 2018

- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music

### 2017

- Adjunct Instructor, MUTK 101 (2 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 619  
*Fundamentals of Computer Music Programming*  
Spring Term, Duquesne University, Mary Pappert School of Music

### 2016

- Adjunct Instructor, MUTK 101 (2 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music

### 2015

- Adjunct Instructor, MUTK 101 (2 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 619  
*Fundamentals of Computer Music Programming*  
Spring Term, Duquesne University, Mary Pappert School of Music

### 2014

- Adjunct Instructor, MUTK 101  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 201 (2 sections)  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, GMTK 706  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 115W (2 sections)  
*Music Technology I*  
Spring Term, Duquesne University, Mary Pappert School of Music

### 2013

- Adjunct Instructor, MUTK 101  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music

- Adjunct Instructor, GMTK 505  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 201  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUNM 160  
*Discovering Music with Guitar*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUEN 118  
*Electronic Ensemble*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, GMTK 501  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205 (2 sections)  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 115W (2 sections)  
*Music Technology I*  
Spring Term, Duquesne University, Mary Pappert School of Music

## 2012

- Adjunct Instructor, MUTK 101 (3 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, GMTK 505  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 201  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUNM 160  
*Discovering Music with Guitar*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205 (2 sections)  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 115W (2 sections)  
*Music Technology I*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 410  
*Computers for Musicians II*  
Spring Term, Duquesne University, Mary Pappert School of Music

## 2011

- Adjunct Instructor, MUTK 101 (3 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 201  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Co-Instructor, GSUM 604  
*TI:ME 1A*  
Summer Term, Duquesne University, Mary Pappert School of Music

- Co-Instructor, GSUM 608  
*TI:ME 2C*  
Summer Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205 (2 sections)  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 115W (2 sections)  
*Music Technology I*  
Spring Term, Duquesne University, Mary Pappert School of Music

## **2010**

- Adjunct Instructor, MUTK 101 (3 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205 (2 sections)  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 410  
*Computers for Musicians II*  
Spring Term, Duquesne University, Mary Pappert School of Music

## **2009**

- Adjunct Instructor, MUTK 101 (2 sections)  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 201  
*Music Technology II*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Co-Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Co-Instructor, MUTK 410  
*Computers for Musicians II*  
Spring Term, Duquesne University, Mary Pappert School of Music

## **2008**

- Co-Instructor, MUTK 101  
*Computers for Musicians*  
Fall Term, Duquesne University, Mary Pappert School of Music
- Adjunct Instructor, MUTK 205  
*Music Technology III*  
Spring Term, Duquesne University, Mary Pappert School of Music
- Co-Instructor, MUTK 410  
*Computers for Musicians II*  
Spring Term, Duquesne University, Mary Pappert School of Music

## **University Service**

- Member, Pitt Learning Management System Assessment Committee (2017-Present)
- Chaired/served on university search committees

## **Professional Development Program Participation**

- Online Learning Consortium Quality Scorecard Mastery Series (2018, April 25 – June 27)
- Learning Technology Consortium Meeting, Wake Forest University (2018, March 20-23)
- Pittsburgh Regional Faculty Symposium, Duquesne University (2018, March 16)

- Online Learning Consortium Collaborate, Carlow University (2018, February 22)
- EDUCAUSE Learning Initiative Annual Conference, New Orleans, LA (2018, January 29-31)
- ELI Course – How to Evaluate Online Teaching for Your Whole Campus (Fall 2017)
- Learning Technology Consortium Meeting, University of Notre Dame (2017, November 8-10)
- EDUCAUSE Management Institute, Long Beach, CA (2017, July 24-28)
- Learning Technology Consortium Meeting, Penn State University (2017, April 5-7)
- CMU Simon Initiative's LearnLab Summer School (Intelligent Tutoring Systems track), Carnegie Mellon University (2016, July 11-15)
- PCHE/ Simon Initiative Summer Institute, Point Park University (2016, June 20-24)
- Learning Technology Consortium Meeting, University of Central Florida (2016, March 30 – April 1)
- Online Learning Consortium Innovate, New Orleans, LA (2016, April 20-22)
- Learning Technology Consortium Meeting, Virginia Tech (2015, October 7-9)
- Learning Technology Consortium Meeting, Duke University (2015, March 18-20)
- Online Learning Consortium, Orlando, FL (2014, October 29-31)
- Quality Matters Course, University of Pittsburgh (Fall 2014)
- Association for Technology in Music Instruction (ATMI) Conference, Richmond, VA (2012, October 19-21)
- Technology Institute for Music Educators (TI:ME) Conference, Louisville, KY (2012, January 4-6)
- Technology Institute for Music Educators (TI:ME) Conference, Cincinnati, OH (2011, January 26-28)

## **Music Performance, Composition, and Production Credits**

### **2018**

- [\*Liquescence: Music by Zvonimir Nagy\*](#) – Various Artists  
Music Programming on ‘Kaleidoscope II’.

### **2017**

- [\*Don't Blame Me\*](#) – [\*The Red Western\*](#)  
Guitar. Composer. Engineer.

### **2016**

- [\*Sirens\*](#) – [\*The Red Western\*](#)  
Guitar. Vocals. Composer. Engineer. Mixing.
- [\*Arrows\*](#) – [\*The Red Western\*](#)  
Guitar. Bass. Vocals. Composer. Engineer. Mixing.

### **2013**

- [\*There's A Fire\*](#) – [\*The Red Western\*](#)  
Guitar. Keyboards. Percussion. Engineering. Mixing. Producer.
- [\*America's America\*](#) – [\*Grand Piano\*](#)  
Engineer. Mixing.

### **2012**

- [\*Alright Already\*](#) – [\*Alot & Alot\*](#)  
Engineer. Mixing.
- [\*\\$1000\*](#) – [\*Grand Piano\*](#)  
Engineer. Mixing. Artwork.
- [\*LP2\*](#) – [\*Satin Gum\*](#)  
Guitar. Engineer. Mixing.
- [\*0.2 Shadow Party\*](#) – [\*Vesta\*](#)  
Keyboards. Engineer.

### **2011**

- [\*Benefit of the Doubt\*](#) – [\*Wilk\*](#)  
Mixing.
- [\*EP3\*](#) – [\*Satin Gum\*](#)  
Guitar. Backing Vocals. Engineer. Mixing.

### **2010**

- [EP2 – Satin Gum](#)  
Guitar. Backing Vocals. Engineer. Mixing.
- [Loves You – The Red Western](#)  
Guitar. Banjo. Keyboards. Backing Vocals. Engineer. Mixing. Producer.
- [28 B-Sides and Rarities – The Juliana Theory](#)  
Mastering.

## 2009

- [LP – Satin Gum](#)  
Guitar. Keyboards. Engineer. Mixing. Mastering.
- [0.1 Daylight's Coming](#) – Vesta  
Keyboards. Engineer. Mixing.
- [Sonic Art – Bill Purse](#)  
Mixing Assistant.

## 2008

- [Derek White and the Monophobics](#) – Derek White and the Monophobics  
Guitar. Keyboards. Vocals. Composer. Engineer. Mixing.
- [It's All Happening EP – The Takeover UK](#)  
Organ on 'Lean On It'.
- [Christmas at Duquesne](#) – Various Artists  
Mixing Assistant.

## 2005

- [The Sand and the Salt EP](#) – Winslow  
Guitar. Composer.

## 2002

- [Good Times on Pavement](#) – Dose For Monday  
Guitar. Vocals. Composer.

## Mentions in the Press

- Mervis, S. (2016, February 4). [Preview: The Red Western double-down on indie-pop goodness](#). Pittsburgh Post-Gazette.
- Machosky, M. (2016, February 3). [Red Western embraces 'janglier' sound](#). Trib Live.
- Mervis, S. (2013, March 7). [Local scene: Red Western, Grand Piano veer off stylistically on split LP](#). Pittsburgh Post-Gazette.
- Mervis, S. (2013, March 6). [The Red Western and Grand Piano team up for a split LP](#). Pittsburgh Post-Gazette.
- Pittsburgh City Paper. (2012, October 17). [CD Reviews](#). Pittsburgh City Paper.
- Mervis, S. (2010, February 4). [Satin Gum sticks to listener long after 'LP' stops](#). Pittsburgh Post-Gazette.
- Jentzen, A. (2009, November 19). [Satin Gum delivers its fuzzed-out A-game with new full-length](#). Pittsburgh City Paper.
- Jentzen, A. (2008, June 5). [Derek White and The Monophobics were born to boogie](#). Pittsburgh City Paper.

## References Available Upon Request