

JONATHAN GUNNELL Ed.D.

Manager, Online Programs
University of Pittsburgh
Adjunct Instructor
Duquesne University

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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*
DILE Innovation Grant Award recipient
- 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
Primary Responsibilities: Personnel, project, and operations management of all Pitt Online programs for the entire institution, including the design, development, delivery, and assessment of online programs for the School of Nursing, School of Education, School of Computing and Information, School of Law, Graduate School of Public and International Affairs, University Center for Social and Urban Research. Implementing and managing marketing plans for various online programs. Managing the development and implementation of all Pitt MOOCs via the Coursera platform. Evaluating, integrating, and recommending various instructional technologies for use in online learning environments. Rich media development incorporating video, H5P, motion graphics, and interactive components. Facilitating meetings between instructional design staff, faculty, and administrative stakeholders throughout the course development lifecycle, including the proposal stage. Working with stakeholders to develop sustainable financial models for building and maintaining 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
Managed and mentored Instructional Technologists within Pitt *Online*. Developed 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
Collaborated with faculty and departmental staff to develop online courses for Pitt *Online* programs. Oversaw development and publishing of all MOOC content. Built courses on Blackboard and Coursera platforms. Developed online instructional assets. Produced, recorded, and edited instructional video content. Provided 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

Trained music faculty in instructional technology software and hardware. Hired, trained, and supervised a team of student employees working in music technology labs across campus. Installed, updated, and repaired music technology hardware and software. Purchased hardware and software.

Instructional Technology Consultant

Aug 2012 – May 2013

Carnegie Mellon University, Heinz College

Consulted with CMU teaching faculty, researched emerging instructional technologies, and developed training materials under the direction of Dr. Kim J. Hyatt.

Expertise in Online Instruction

- **Developing and teaching** hybrid and fully-online higher education courses (11 years)
- **Managing** teams of instructional designers and technologists (3 years)
- **Consulting** faculty on instructional design and technology (8 years)
- Facilitating **faculty development** trainings and workshops (5 years)
- Producing, recording, and editing instructional **video** and **audio** content (15 years)
- Assisting in academic program **enrollment** and **marketing** efforts (2 years)

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.
- **Data Management.** SPSS, Cognos, Prism.

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 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

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

- Quality Matters Coordinator, University of Pittsburgh (2018-Present)
- Member, Pitt Learning Management System Assessment Committee (2017-Present)

- Learning Technology Consortium Representative, University of Pittsburgh (2014-Present)
- Chaired/served on university search committees

Professional Development Program Participation

- EDUCAUSE Learning Technology Leadership Institute, Minneapolis, MN (2018, July 23-27)
- 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