

David M. Bashwiner

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Assistant Professor of Music
Department of Music
College of Fine Arts MSC04 2570
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EDUCATION

University of Chicago
Chicago, IL

Ph.D. in the History and Theory of Music, 2010
Specialization in Music Theory
Dissertation: "Musical Emotion: Toward a
Biologically Grounded Theory"
*Abstract published in Psychomusicology:
Music, Mind, & Brain (vol. 22, no. 2, pp. 189-190)*

University of Illinois at Urbana-
Champaign
Urbana, IL

MMus in Music Composition, 2001
*Winner of the Student Orchestral Composition
Competition, 2000*

Cornell University
Ithaca, NY

AB in Psychology (Concentration in
Biopsychology), 1997
*Distinction in All Subjects
Golden Key National Honors*

UNIVERSITY TEACHING HISTORY

University of New Mexico

Assistant Professor of Music, Department of Music
August, 2010 – present

Knox College

Visiting Instructor in Music, Department of Music
2009-2010, 2013

University of Chicago

Whiting Fellow (2008-2009)
Instructor (2005-2007)
Course Assistant (2004-2005)
Writing Lector (2004-2006, 2010)

University of Illinois at Urbana-
Champaign

Instructor (2001-2002)
Teaching Assistant (1999-2002)

COURSES TAUGHT AT UNM

Music Theory I	Lower Division
Music Theory II	Lower Division
Music Theory III	Lower Division
Music Theory IV	Lower Division
Advanced Tonal Analysis	Upper Division/Graduate
*Music and Emotion	Upper Division/Graduate
*The Musical Brain	Upper Division/Graduate
*Entering the Twilight Zone: Music & Sound Production for Film (Co-taught with Manny Rettinger)	General/Lower Division
*Music and Multimedia	Upper Division/Graduate
*Introduction to Graduate Music Theory	Graduate (remedial)
*Songwriting (Co-taught with Kristina Jacobsen-Bia)	General/Lower Division
*Writing About Music	Upper Division/Graduate

* *Courses created anew for the University of New Mexico.*

SERVICE ON DOCTORAL, MFA, MASTER'S, AND HONORS THESIS COMMITTEES AT UNM

Sabine Wilden. Master of Music, 2011 (theory; chair of committee and thesis advisor)
Went on to teach music theory at the Robert Schumann Hochschule in
Düsseldorf, Germany.
Presented at *Song, Stage, and Screen VI* conference in Kansas City, MO (2011).
Published thesis in adapted form as book chapter for D. Symonds and M. Taylor
(Eds.), *Song and Dance*, Oxford University Press, projected 2013

Javier Ortiz. Master of Music, 2011 (voice)

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Sheila Smail. Master of Music, 2012 (flute)

Barbora Gregusova. Master of Music, 2015 (theory/musicology)

Heidi Jensen. Master of Music, 2015 (guitar/musicology)

Micheal Muñoz, Master of Music, 2015 (clarinet)

Sterling Fry. Master of Music, 2015 (saxophone)

Emily Taylor. Master of Music, 2015 (clarinet)

UNDERGRADUATE STUDENT MENTORING

James Lay. Composition Lessons. Spring, 2012.

Barbora Gregusova. Model Composition Lessons. Fall, 2013.

Thomas Posen. Writing about Music (independent study). Spring, 2014.

Matt Hanson. Composition Lessons. Spring, 2014.

Augustus Pedrotty. Honors Student. Fall 2015–present.

COURSES DESIGNED AND TAUGHT AT KNOX COLLEGE (2013)

Pleasures of the Brain: Sex, Drugs, and Rock and Roll (upper division)
(co-taught with Prof. Heather Hoffmann of Knox College)

Pleasures of the Brain: Sex, Drugs, and Rock and Roll is one course in a three-course immersive experience called *Hedonistic Neuroscience Term* which will take place at Knox College in the winter quarter of 2013. The two additional courses in the sequence are *Behavioral Pharmacology* and *Human Sexuality*, both taught by professor Hoffmann. My contribution to the course will be to help students explore intellectually the hedonistic states listeners experience in response to music. Students will be highly trained in the sciences, based on the prerequisite of prior enrollment in Introduction to Neuroscience and simultaneous enrollment in Behavioral Pharmacology and Human Sexuality. They will furthermore conduct in-depth research projects in Pleasures of the Brain which will allow them to combine research methods from multiple different fields to investigate pleasurable responses humans have toward music (and other stimuli).

CREATIVE ACTIVITY AT GEORGIA INSTITUTE OF TECHNOLOGY (2012)

Julie (original composition and music video)

The music video “Julie” was displayed at a “Neuro-Salon” in Stubbins Studio at the Georgia Institute of Technology in April, 2012, as part of Barbara M. Stafford’s Neuro-Humanities Entanglement Conference. I additionally presented a paper at this conference on the relationship between musical and visual perception, which therefore had some bearing on the music video as well.

ACADEMIC HONORS AND GRANTS

NEA Research: Art Works, 2013. “Transfer Effects of Music on Brain Structure and Function.” Applied for with Rex Jung (UNM Neurosurgery and Psychology.) Award Amount: \$15,000

CFA Scholarly and Creative Work Grant: University of New Mexico, 2011
Principal Investigators: David Bashwiner and Szu-Han Ho
Award Amount: \$1,900

Professor Ho and I decided not to complete this project and returned the money to the CFA Scholarly and Creative Work Grant Fund.

Whiting Fellowship, University of Chicago (Chicago, IL, 2008–2009)
Award Amount: \$27,500 (plus tuition and fees)

This grant provided a complete year of tuition remission and a generous stipend as a means of promoting dissertation completion.

Grants applied for but not received:

McCune Submission, 2012: Art-Music Neural Network, co-written with Claudia X. Valdes

McCune Submission, 2012: “Musical Experience and STEM Innovation: A Neuroscience Approach,” co-written with Rex Jung, William Seymour, and David Oberg.
COMPLETED BUT NOT SUBMITTED.

Art Learning Laboratory New Course Proposal, 2012, “Art Neural Network,” co-written with Claudia X. Valdes

CFA Scholarly and Creative Grant Proposal, 2011, “Attendance at the Neurosciences and Music IV Conference”

Grammy Foundation Proposal, 2011, “Erotics of Music,” submitted with Psychology and Neuroscience Professor Heather Hoffmann of Knox College

CREATIVE ACTIVITY (PERFORMANCES-STAGE/MEDIA, CONCERTS, RECORDINGS, EXHIBITIONS)

Featured in a film on the neuroscience of intelligence and creativity by French film director Amine Mestari (to be released 2016)

“Canyon” (Ap. 17, 2015)

Performance with Christy Cook at SITE Santa Fe Art Gallery, hosted by the *Collective is Closer to the Truth* Collective (CICTTT).

“Serial 2015” (Mar. 25, 2015)

Work for 4-piece jazz ensemble, performed by Le Chat Lunatique at the John Donald Robb 2015 Composers’ Symposium

“Sympathetic Resonance” (Oct. 3, 2014)

Performance with UNM Prof. Szu-Han Ho at SCA Contemporary Art Gallery, hosted by the *Collective is Closer to the Truth* Collective (CICTTT).

“The Stable Boy” (2014)

Music written, performed, and produced by myself for a medium-length film by Jamieson Stern. (See <https://vimeo.com/91472726>. Use password: Festival 2015)
Official Selection 2015 at the Sunscreen Film Festival

“The Art of Lithography” (2011)

Music written, performed, and produced by myself for a documentary film by Martina Chamrad about UNM’s Tamarind Institute and shown for a several-month period at the National Museum of Women in the Arts in Washington, D.C. The music for this film has also been used in two short films from the same director, an “Asternauts – Behind the Scenes” video (<http://www.facebook.com/video/video.php?v=2270131465932>), and a crowd-funding campaign video (<http://www.indiegogo.com/hjem?a=533243>), the first of which was shown at the Berlin Biennale, 2012.

“Mirror Image” (2011)

Music written, performed, and produced by myself for the film *The Art of Time* by Martina Chamrad. This film was screened seven times in Würzburg (at an annual exhibition and a festival). It has over 4,300 views online. It was also used for two “Asternauts – Behind the Scenes” videos by the same director, which can be found at these links: <http://vimeo.com/28849665>, and <http://www.facebook.com/photo.php?v=2397110335497>. These films were shown at the Berlin Biennale, 2012.

“Trailer Music” for *The Incredible Voyage of Captain Hook* (2010)

The music written for this Albuquerque-based project but ultimately not used.

"The Last Recital of Les Ottinger" (2012)

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Music written, performed, and produced by myself in 2007 but used for a 2012 film by Martina Chamrad and Manny Rettinger. The film was screened at the Schweinfurter Kurzfilmtage festival of 2012.

Performances of note with the band Cactus Tractor (founder and leader)
Albuquerque Botanic Gardens (Aug. 20, 2015)—over 1,300 people in attendance
Concert for Nepal—helped raise over \$3,500 to rebuild houses in Nepal
Albuquerque Folk Festival (June 6, 2015)
Keshet Dance Company Fundraiser, Ap. 18, 2015
TEDex Gala Event, Dec. 13, 2014
UNM Prep School, Nov. 1, 2014
UNM Law School Department Party, Oct. 15, 2014
Southwest Regional Folk Alliance (Austin, TX), Sept. 26, 2014
Southwest Regional Folk Alliance New Mexico, March 28, 2014
Arts Adventures Fund- and Awareness-Raiser (March 1, 2014)

Recordings made by the band Cactus Tractor (producer, songwriter, performer)
Cactus Tractor, released Ap. 12, 2014
Lydian Water Songs, to be released Dec., 2015

PUBLICATIONS

“On Scary Music: The Amygdala in Music Theory” (submitted). This article was submitted to *Music Theory Spectrum* in Nov. 2014 and was given a “revise and resubmit” decision in April. I revised it substantially and resubmitted on Aug. 15, 2015.

“Musical Creativity ‘Revealed’ in Brain Structure: Interplay between Motor, Default Mode, and Limbic Networks” (submitted). Co-authored with Christopher Wertz, Raneé Flores, and Rex Jung. This article was submitted to *Scientific Reports* on July 10, 2015 and received a “revise and resubmit” decision. We revised and then resubmitted the new draft on Sept. 3, 2015.

“Attention,” published in B. Thompson, ed., *Music in the Social and Behavioral Sciences: An Encyclopedia* (Sage Reference, 2014).

“Modularity,” published in B. Thompson, ed., *Music in the Social and Behavioral Sciences: An Encyclopedia* (Sage Reference, 2014).

“Tension,” published in B. Thompson, ed., *Music in the Social and Behavioral Sciences: An Encyclopedia* (Sage Reference, 2014).

“Musical Analysis for Multimedia: A Perspective from Music Theory,” S.-L. Tan, A. J. Cohen, R. Kendall, and S. Lipscomb, eds., *Psychology of Music in Multimedia* (Oxford University Press, 2013).

“Musical Emotion: Toward a Biologically Grounded Theory.” Dissertation abstract published in *Psychomusicology: Music, Mind & Brain*, Special Issue, Volume 22 (2), 2012.

“Lifting the Foot: The Neural Underpinnings of the ‘Pathological’ Response to Music,” in B. M. Stafford, ed., *A Field Guide to a New Meta-Field: Bridging the Humanities-Neurosciences Divide* (University of Chicago Press, 2011).

ARTICLES IN PREPARATION

Hoeckner, B., Nusbaum, H., Decety, J., and Bashwiner, D. (in preparation). Neural Correlates for the Effects of Music on the Perception of Movie Characters. Planned submission to the *Journal of Social Cognitive and Affective Neuroscience*.

Note: This article has been “in preparation” for some time, but I received word recently from the lead author (Berthold Hoeckner) that it is in fact *still* in preparation. It is therefore expected that this article *will* appear in print sometime soon.

PUBLIC LECTURES AND PRESENTATIONS AT PROFESSIONAL MEETINGS

“*Casino Royale*’s First Chase Sequence in ‘Multi-Score’: Music, Drama, Camerawork.” To be presented at the Society for Music Theory’s Film and Multimedia Interest Group meeting in St. Louis in Oct./Nov. 2015.

“Musical Creativity ‘Revealed’ in Brain Structure: Interplay between Motor, Default Mode, and Limbic Networks.” To be presented at the Society for Music Theory’s Music Cognition Interest Group meeting in St. Louis in Oct./Nov. 2015. This will be a report of the research submitted for publication under the same name to *Scientific Reports* (Sept., 2015), as well as on the NEA grant award that funded the research.

“Complex Emotions in Score-Based Multimedia Analysis: Case Studies from *Platoon* and *The King’s Speech*.” Talk to be presented at SMPC 2015 in Nashville, TN (Aug. 1–5, 2015).

“Scary Music and the Amygdala.” Skype talk at University Memphis, graduate course in music theory taught by Jeremy Orosz (Feb. 23, 2015).

“How Do You Know What You Know About Music Theory?” Guest lecture presented in UNM Prof. Daniel Sanford’s course *How Do You Know What You Know*, Dec. 1, 2014.

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“Music Theory in the Late Middle Ages and Early Renaissance.” Talk given to UNM Prof. Ana Alonso Minutti’s class, *Studies in Medieval and Renaissance Music* (grad and upper division undergrad), Oct. 21, 2014.

“Human Song.” Guest Lecture presented in UNM Prof. Michael Hix’s *Vocal Pedagogy* course, Aug. 27, 2014.

“Music and Phobia.” Presented at Sunday Chatter (Albuquerque, NM). A ten-minute presentation to a general audience on the similarities between musical emotions and phobic emotions (May 6, 2014).

“Lifting the Foot,” a Skype discussion of my published chapter (of the same name) with students in the graduate-level course, *Advanced Post-Tonal Theory and Analysis*, taught by University of Iowa professor Jennifer Iverson. Ap. 9, 2014.

“Music and Neuroscience—Strange Bedfellows?” Paper presented (via Skype) to the Knox College Neuroscience Club, Feb. 25, 2014

Convocation Speech. College of Fine Arts, Fall 2013.

“On Scary Music: The Amygdala and Music Theory,” presented to the Society for Music Theory, Charlotte, NC, Nov. 1, 2013.

“Musical Creativity and STEM Creativity: A Questionnaire and Structural Imaging Study,” presented to the Society for Music Perception and Cognition, Toronto, Aug. 10, 2013.

“On Scary Music: The Amygdala and Music Theory,” presented to the Rocky Mountain Society for Music Theory, Flagstaff, AZ, Ap. 6, 2013.

Rocky Mountain Society for Music Theory Proposal, 2013, “Scary Music, the Amygdala, and the Value of Neuroscience for Music Theory.”

“On Scary Music: Meditations on Musical Neuroscience,” presented at *Awe, Wonder, & Passion: Music and the Creation of Meaning*, 1st International Symposium for Alternative Academia, Nov. 10–12, 2012, Montreal, Quebec.

“Musical Manipulation in Film: A Theory of Mechanism,” invited talk presented April 12, 2012, at the Neuro-Humanities Entanglement Conference, Georgia Institute of Technology, hosted by emeritus professor and art historian Barbara M. Stafford.

“Film Scoring, Songwriting, and Inspiration,” presented at the Composition Colloquium, University of New Mexico, Sept. 30, 2011.

“‘Sexiness’ as a Musical Emotion and a Possible Correlation Between Musical Tempo and the Central Pattern Generators of the Human Body.” Co-written with

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psychologist Heather Hoffmann of Knox College. Poster to be presented at The Neurosciences and Music IV: Learning and Memory, in Edinburgh, Scotland, June 9–12, 2011.

“The Syntactic and Statistical Parameters Engage Differently with the Affective Apparatus.” Paper presented at the International Conference on Music and Emotion, Durham, UK, September 2, 2009.

“What is Musical Syntax? An Evolutionary Perspective.” Paper presented at Music Theory Midwest, Minneapolis, May 15–16, 2009. Winner of an Honorable Mention for the Arthur J. Komar Award.

“The Function of Musical Syntax and its Role in Musical Emotion.” Poster presented at *The Neurosciences and Music III*, University of Montréal, June 28, 2008.

“Musical Syntax and Musical Meaning: An Evolutionary Perspective.” Paper presented at *EthNoise! 2008 Symposium, “Musical Meaning and its Media[ti]on,”* University of Chicago, May 24, 2008.

“Interaction of Speech and Music in the Film Soundtrack.” Paper presented at the conference *Music and the Moving Image*, NYU, Steinhardt School, May 18, 2007

UNM ACADEMIC SERVICE

Coordinator of Lower-Division Music Theory (2012–present).

Liberal Arts and Integrative Studies (LAIS) Faculty Committee (Spring 2015–present)

Graduate Committee (Spring, 2012 – present)

IFDM Faculty Council (Fall, 2010 – present)
- *this committee meets very rarely at present*

Music History Search Committee (Fall, 2012 – Spring, 2013)

Music Theory Search Committee (Spring, 2011)

CFA Research Committee (Fall, 2010)

Spearheaded writing of NASM response for Theory Area (Fall, 2012)

OTHER SERVICE

President-Elect of Rocky Mountain Society for Music Theory (RMSMT)

Organizer of RMSMT Conference (which UNM will host in April, 2016)

We will be hosting the RMSMT conference at UNM this upcoming April (which will meet jointly with the regional conferences for the American Musicological Society and the Society for Ethnomusicology. My co-organizers for the conference are Prof. Michael Hix and Prof. Kristina Jacobsen-Bia.

Organizing musical performances for UNM Art Museum exhibit *Necessary Force: Art in the Police State* (Oct., 2015)

Member of Editorial Board for *SMT-V* (beginning Nov., 2015)

I was asked personally by the president of SMT, Poundie Bernstein, to be part of this committee.

Helped raise over \$5,500 to rebuild houses in Nepal (June 27, 2015)

Member of Programming Committee for RMSMT 2015 Conference (April, 2015)

I read abstracts and proposals to help choose which papers should be presented at this conference, which took place at Colorado State University.

Down Syndrome awareness concert at ABQ Balloon Museum (March 21, 2015)

Arts Adventures concert with the band Cactus Tractor (March 1, 2014)

Performed at the North Fourth Arts Center to raise money and awareness for a program for children and teens with autism called Arts Adventures. As the name suggests, the program is focused on engaging these children and teens in artistic experiences—which are of benefit to them both artistically and socially.

VSA concert with the band Cactus Tractor (May, 2012)

Co-organized and performed songs written by artists at VSA, an Albuquerque-based non-profit where people with disabilities learn through, participate in, and enjoy the arts.

“Anthems Reborn” (research provided to Matt Andazola of the *Albuquerque Journal* for an article published Sunday, March 6, 2011)

<http://www.abqjournal.com/lifestyles/062217348650lifestyles03-06-11.htm>

“Music, Sex, and the Brain” (research provided to Cindy Kuzma of *Men’s Health Online*)

<http://news.menshealth.com/create-the-ultimate-sex-playlist/2011/09/16/>

“Suggestive Lyrics the Norm” (research provided to high school student Samantha Sandoval of the *Sandia Prep Times* for an article published Oct. 24, 2012, Volume 24, Issue 2)