

- EDUCATION **OHIO STATE UNIVERSITY**, Columbus, Ohio
PhD, September 2009 – June 2012
- **Dissertation:** Affective analysis of music using the progressive exposure method: The influence of bottom-up features on perceived musical affect
 - **Advisor:** Dr. David Huron
 - **Major Studies:** Music theory, music cognition, and systematic musicology
 - **Minor Studies:** Graduate interdisciplinary specialization in teaching
- THE UNIVERSITY OF TEXAS AT AUSTIN**, Austin, TX
Master of Music, September 2005 – May 2007
- **Thesis:** Towards a comprehensive quantification of musical information
 - **Advisor:** Dr. Edward Pearsall
 - **Major Studies:** Music theory
 - **Emphasis:** Music composition
- THE UNIVERSITY OF WISCONSIN-WHITEWATER**, Whitewater, WI
Bachelor of Music, September 2000 – May 2005
- **Undergraduate Thesis:** The problem of the minor triad from Rameau to Riemann
 - **Advisor:** Dr. Benjamin Whitcomb
 - **Major Studies:** Music theory and music history, clarinet as primary instrument
 - **Minor Studies:** Philosophy
 - Graduated *Summa Cum Laude*
- JOURNAL ARTICLES
- Albrecht, J., & D. Huron.** (2014). A statistical approach to tracing the historical development of major and minor pitch distributions, 1400-1750. *Music Perception: An Interdisciplinary Journal*. Vol. 31 (3): 223-243.
- Albrecht, J., & D. Shanahan.** (2013). The use of large corpora to train a new type of key-finding algorithm: An improved treatment of the minor mode. *Music Perception: An Interdisciplinary Journal*. Vol. 31 (1): 59-67.
- Albrecht, J.** (*under review*). Expressive meaning and the empirical analysis of musical gesture: The progressive exposure method and the second movement of Beethoven's *Pathétique* sonata. *Music Theory Online*.
- Shanahan, D., & **J. Albrecht.** (*under review*). Increasing cadential pentatonicism in the oral transmission of folksongs. *Music Perception: An Interdisciplinary Journal*.
- BOOK CONTRIBUTIONS
- Albrecht, J.** (*under contract*). Critical essay in *Studies in Zygonic Theory: Exploring New Frontiers in Music Psychology and Music Education Research*. In the Ashgate SEMPRE series of "Studies in the Psychology of Music."

Albrecht, J. (*under contract*). Hypothesis testing. *Oxford Handbook of Music and Corpus Studies*. Ed. Daniel Shanahan, Ashley Burgoyne, and Ian Quinn. Oxford: Oxford University Press.

Albrecht, J. (*in preparation*). At the intersection of historical and systematic musicology. *Historische Musikwissenschaft*. Ed. Frank Hentschel. *Kompodium Musik* series. Laaber-Verlag.

PROCEEDINGS
PUBLICATIONS

Albrecht, J. (2016). Learning the language of affect: A new model predicts perceived affect across Beethoven's piano sonatas using music-theoretic parameters. *Proceedings of the ICMPC-SMPC 2016 Joint Conference*. San Francisco, CA, pp. 79-85.

Albrecht, J., & Shanahan, D. (2016). Can I have the keys?: Key validation using a MIDI database. *Proceedings of the ICMPC-SMPC 2016 Joint Conference*. San Francisco, CA, pp. 752-755.

Ash, S., & **Albrecht, J.** (2016). Picking up good vibrations: The effect of collaborative music making on social bonding and enjoyment. *Proceedings of the ICMPC-SMPC 2016 Joint Conference*. San Francisco, CA, pp. 852-856.

Dula, T., Griesemer, P., & **Albrecht, J.** (2016). A machine-learned model of perceived musical affect. *Proceedings of the ICMPC-SMPC 2016 Joint Conference*. San Francisco, CA, pp. 169-172.

Albrecht, J., & Shanahan, D. (2015). The song remains the same? The effect of oral transmission on folk melodies. *American Musicological Society Southwest Chapter Conference Proceedings*. Ed. Sheryl K. Murphy-Manley. Vol. 4 (Spring 2015).

Albrecht, J. (2014). Naming the abstract: Building a repertoire-appropriate taxonomy of affective expression. *Proceedings of the ICMPC-APSCOM 2014 Joint Conference*. Ed. Moo Kyoung Song. Seoul, South Korea: College of Music, Yonsei University, pp. 128-135.

Albrecht, J. (2012). A model of perceived musical affect accurately predicts self-reported affect ratings. *Proceedings of the 12th International Conference of Music Perception and Cognition*. Thessaloniki, Greece: ICMPC, pp. 35-43.

Albrecht, J., & Huron, D. (2012). On the emergence of the major-minor system: Cluster analysis suggests the late 16th century collapse of the Dorian and Aeolian modes. *Proceedings of the 12th International Conference of Music Perception and Cognition*. Thessaloniki, Greece: ICMPC, pp. 44-53.

Albrecht, J., & Huron, D. (2010). An analysis of affective content in the second movement of Beethoven's Pathétique using an acoustic ethological model. *Proceedings of the 11th International Conference of Music Perception and Cognition*. Seattle, WA: ICMPC, 641-645.

PUBLISHED
REVIEWS

Albrecht, J. (2016). Modeling Musical Complexity: Commentary on Eerola, *Empirical Musicology Review*. Vol. 11 (1).

Albrecht, J. (2014). Book review: On Repeat: How Music Plays the Mind. *Music Theory Online*. Vol. 20 (4).

Albrecht, J. (2013). Book review: The origins of music. *Music Perception: An Interdisciplinary Journal*. Vol. 30 (5): 534-537.

PUBLISHED
ABSTRACTS

Albrecht, J. (2014). Dissertation abstract: Affective analysis of music using the progressive exposure method: The influence of bottom-up features on perceived musical affect. *Psychomusicology: Music, Mind, and Brain*. Vol. 24 (1): 114.

CONFERENCE
PAPERS

Albrecht, J. (July 31, 2017). "Modeling participant ratings of affect in Romantic piano music using automatic feature extraction." The Society for Music Perception and Cognition National Conference. San Diego, CA.

Albrecht, J., & P. Martens. (July 31, 2017). "Roll over Beethoven: Uniform Information Density in Rock Music, Folk, and German Art Song." The Society for Music Perception and Cognition National Conference. San Diego, CA.

Martens, P., & **J. Albrecht.** (July 31, 2017). "Pitch intervals and rhythmic succession in German folksong, 19th-century art song, and classic rock melodies." The Society for Music Perception and Cognition National Conference. San Diego, CA.

Albrecht, J. (February 26, 2017). "Analyzing the expressive meaning of musical gestures and topics in Beethoven's piano sonatas." Texas Society for Music Theory. Houston, TX.

Albrecht, J. (July 9, 2016). "Learning the language of affect: A new model predicts perceived affect across Beethoven's piano sonatas using music-theoretic parameters." International Conference for Music Perception and Cognition. San Francisco, CA.

VanHandel, L., **J. Albrecht**, D. Shanahan, & M. Schutz. (October 30, 2015). "Empirical research for music theorists." Special Session at the Society for Music Theory National Conference. St. Louis, MO.

Albrecht, J. (August 5, 2015). "Sympathetic resonance: Low-level musical gestures as predictors of perceived affect in the Beethoven piano sonatas." The Society for Music Perception and Cognition National Conference. Nashville, TN.

Albrecht, J. & D. Shanahan. (August 4, 2015). "The song remains the same?: The effect of oral transmission on folk melodies." The Society for Music Perception and Cognition National Conference. Nashville, TN.

Albrecht, J. (November 8, 2014). "The *Pathos* of Beethoven's *Pathétique*: Exploring relationships between affective meaning and the theories of Hatten, Meyer, and Others." The Society for Music Theory National Conference. Milwaukee, WI.

Shanahan, D. & **J. Albrecht.** (October 3, 2014). "Validating web-based MIDI content for digital libraries." The Southeast Music Library Association Conference. Baton Rouge, LA.

Albrecht, J. (August 5, 2014). "Naming the abstract: Building a repertoire-appropriate taxonomy of affective expression." International Conference for Music Perception and Cognition. Seoul, South Korea.

- Albrecht, J.** (April 5, 2014). "The *Pathos* of Beethoven's *Pathétique*: A cross-investigation between expressive meaning and the theories of Hatten, Meyer, and Others." Regional Music Scholars Conference; The Rocky Mountain Society for Music Theory. Tempe, AZ.
- Albrecht, J.** (March 28, 2014). "Understanding the expression of Beethoven: Building and testing a generalizable model of emotional expression in the Beethoven Piano Sonatas." South Central Society for Music Theory Conference. Oxford, MS.
- Albrecht, J.** (August 10, 2013). "Building a repertoire-appropriate taxonomy of musical expression." Society for Music Perception and Cognition. Toronto, ON.
- Shanahan, D. & J. Albrecht.** (August 8, 2013). "The acquisition and validation of large web-based corpora." Society for Music Perception and Cognition. Toronto, ON.
- Albrecht, J. & D. Shanahan.** (August 8, 2013). "Name that tonic: A new key-finding algorithm using Euclidean distance." Society for Music Perception and Cognition. Toronto, ON.
- Albrecht, J.** (May 25, 2013). "A new key-finding algorithm using Euclidean distance: An improved treatment of the minor mode." Midwestern Music Cognition Symposium. Columbus, OH.
- Albrecht, J.** (March 14, 2013). "(Re)examining the *Pathétique*: An investigation of expressive meaning." Music Theory South Central conference. Tuscaloosa, AL.
- Albrecht, J.** (July 24, 2012). "On the emergence of the major-minor system: Cluster analysis suggests the late 16th century collapse of the Dorian and Aeolian modes." International Conference for Music Perception and Cognition. Thessaloniki, Greece.
- Albrecht, J.** (August 14, 2011). "Affective analysis using the progressive exposure method: The second movement of Beethoven's *Pathétique* Sonata (Op. 13)." National Conference of the Society for Music Perception and Cognition. Rochester, NY.

- CONFERENCE POSTERS **Albrecht, J.** (August 1, 2017). "Brawlers, Bawlers, and Bastards: Vocal timbre as a marker of recurring archetypal characters in the music of Tom Waits." The Society for Music Perception and Cognition National Conference. San Diego, CA.
- Albrecht, J. & Shanahan, D.** (July 9, 2016). "Can I have the keys?: Key validation using a MIDI database." Poster presentation. International Conference for Music Perception and Cognition. San Francisco, CA.
- Dula, T, Griesemer, P, & Albrecht, J.** (July 7, 2016). "A machine-learned model of perceived musical affect." Poster presentation. International Conference for Music Perception and Cognition. San Francisco, CA.
- Ash, S, & Albrecht, J.** (July 6, 2016). "Picking up good vibrations: The effect of collaborative music making on social bonding and enjoyment." Poster presentation. International Conference for Music Perception and Cognition. San Francisco, CA.

- Albrecht, J. & D. Shanahan.** (April 11, 2015). "The song remains the same? The effect of oral transmission on folk melodies." Poster presentation. The American Musicological Society, Southwest Chapter. Denton, TX.
- Albrecht, J.** (May 25, 2013). "Empirical approaches to defining affective expression terms for the Beethoven piano sonatas." Poster presentation. Midwestern Music Cognition Symposium. Columbus, OH.
- Albrecht, J.** (July 24, 2012). "A model of perceived musical affect accurately predicts self-reported affect ratings." Poster presentation. International Conference of the Society for Music Perception and Cognition. Thessaloniki, Greece.
- Albrecht, J.** (August 25, 2010). "An analysis of affective content in the second movement of Beethoven's *Pathétique* using an acoustic ethological model." Poster presentation. International Conference of the Society for Music Perception and Cognition. Seattle, WA.
- Albrecht, J.** (May 14, 2010). "An analysis of affective content in the second movement of Beethoven's *Pathétique* using an acoustic ethological model." Poster presentation. Cogfest 2010. Columbus, OH.

INVITED
TALKS

- Albrecht, J.** (October 26, 2017). "Corpus studies and statistical analysis in theory research." Guest lecture for Foundations in Music Theory graduate course. The University of Texas at Austin.
- Albrecht, J.** (May 24 2017). "At the intersection of theoretical and empirical musicology." Invited lecture at Texas Tech University.
- Albrecht, J.** (May 19, 2017). "Experimental paradigms." Methods in Empirical Music Research Workshop. Ohio State University.
- Albrecht, J.** (May 18, 2017). "Some advanced statistics and analytic techniques." Methods in Empirical Music Research Workshop. Ohio State University.
- Albrecht, J.** (March 20, 2017). "Once more with feeling, or: An exploration of musical expression in the piano sonatas of Beethoven." Colloquium series at Southwestern Baptist Theological Seminary.
- Albrecht, J.** (March 20, 2017). "Computational modeling and the psychology of key-finding." Guest lecture given for the Composition Seminar at Southwestern Baptist Theological Seminary.
- Albrecht, J.** (February 13, 2017). "At the intersection of theoretical and empirical musicology: Re-examining a methodological divide." Lecture at the University of Houston.
- Albrecht, J.** (January 23, 2017). "Making the scene: Auditory scene analysis and the magic of melody." Guest lecture given for the Analytical Techniques Graduate Seminar at the University of Texas-San Antonio.
- Albrecht, J.** (August 16, 2016). "Once more with feeling, or: The dialects of musical affect." Summer Research Grant presentation, the University of Mary Hardin-Baylor.
- Albrecht, J.** (June 6, 2016). "Once more with feeling, or: The dialects of musical affect." Lecture at the Exploring the Mind Through Music conference, Rice University.

- Albrecht, J.** (February 12, 2016). "The language of affect: An empirical method for generating a repertoire-appropriate list of affect terms." Lecture at Louisiana State University.
- Albrecht, J.** (February 12, 2016). "Computational modeling and the psychology of key-finding." Lecture at Louisiana State University.
- Albrecht, J.** (October 31, 2015). "Sound-size symbolism in the organ works of Bach: The relationship between organ pitch height of tonic pedal and rhythmic activity." Presentation to the Music Informatics Interest Group of the Society for Music Theory. St. Louis, MO.
- Albrecht, J.** (February 25, 2015). "At the intersection of theoretical and empirical musicology: Re-examining a methodological divide." Lecture at the University of Arizona.
- Albrecht, J.** (February 23, 2015). "The feeling of music: An exploration of affective expression in the piano sonatas of Beethoven." Lecture series at Texas State University.
- Albrecht, J.** (January 30, 2015). "The feeling of music: An exploration of affective expression in the piano sonatas of Beethoven." Performance lab at the University of Mary Hardin-Baylor.
- Albrecht, J.** (November 5, 2014). "The empirical analysis of musical affect: Beethoven's *Pathétique* Sonata, second movement as case study." Music Theory/History Colloquium at the University of Wisconsin-Whitewater.
- Shanahan, D. & J. Albrecht** (November 2, 2013). "The use of large corpora to train a new type of key-finding algorithm: An improved treatment of the minor mode." Music Cognition Interest Group meeting, Society for Music Theory. Charlotte, NC.
- Albrecht, J.** (May 22, 2013). "Multivariate statistics: Application of cluster analysis and multi-dimensional scaling to systematic musicology research." Empirical Research Methods Workshop. Columbus, OH.
- Albrecht, J.** (May 21, 2013). "Applied statistics: The chi-square goodness-of-fit test; or, What to do with categorical data." Empirical Research Methods Workshop. Columbus, OH.
- Albrecht, J.** (March 6, 2012). "Building a model of perceived musical affect using the progressive exposure method." Presentation to the Northwestern Music Theory & Cognition Colloquium series.
- Albrecht, J.** (October 29, 2011). "Tracing the development of the major/minor system through the convergence of the church modes." Music Cognition Interest Group meeting, Society for Music Theory. Minneapolis, MN.

OTHER
PRESENTING
EXPERIENCE

- Albrecht, J.** (May 15, 2015). "What makes sad music sad? Or: Using statistics to investigate music research questions." Invited talk at the Belton New Tech High @ Waskow AP Statistics class.

Presentation of Master's Research to Various Schools of Music

- University of Oregon, 2009
- University of Wisconsin-Oshkosh, 2009
- University of Wisconsin-Stevens Point, 2009

- University of Wisconsin-Eau Claire, 2009
- University of Wisconsin-Whitewater, 2009
- Iowa Western Community College, 2008
- Kampala School of Music, Uganda, 2008

HONORS
AND
AWARDS

- Recipient of the University of Mary Hardin-Baylor Summer Research Grant, \$10,000, Summer 2016
- Recipient of the University of Mary Hardin-Baylor Excellence in Scholarship Award, 2015
- University of Mary Hardin-Baylor Faculty Development Grant, \$4,000, 2014
- Elected to the Executive Board of the Texas Society for Music Theory
- Nominated for the Alumni Award for Distinguished Teaching, Ohio State, 2012
- Helmholtz Award for Music Psychology, Ohio State, 2011
- Kent Kennan Scholarship, University of Texas at Austin, 2005
- Music Theory scholarship, University of Wisconsin-Whitewater, 2005

TEACHING
EXPERIENCE

Assistant Professor

The University of Mary Hardin-Baylor, August 2012-Present

Direct the Music Theory and Technology program: Chose textbooks, restructured and developed curriculum, teaching all theory courses, set goals and learning objectives, made software decisions and purchases, set up and maintain the computer lab, and integrate technology into the classroom setting

First Semester Music Theory – MUSI 1331

- Music theory fundamentals, counterpoint, part-writing, figured bass, harmonization, tonic, predominant, and dominant functions

Second Semester Music Theory – MUSI 1332

- Non-chord tones, part-writing, harmonization, all diatonic triads and sevenths, non-chord tones, secondary tonicization, modulation

Third Semester Music Theory – MUSI 2331

- Secondary functions, tonicization, pivot-chord modulation, borrowed chords, periods, sentences, double periods, binary and ternary forms, theme and variations, fugue, rondo, and sonata forms

Fourth Semester Music Theory – MUSI 2332

- Review of modulation, chromatic tonal harmony, Neapolitan chords, augmented sixth chords, extended tonality, Impressionism, set theory, serial theory, electronic music

Music Psychology – MUSI/PSYC 4352

- Auditory and music perception, music cognition, creativity and aesthetic experience, listening styles and strategies, music and emotion, music and the brain, the social psychology of musical activities, research methodology and techniques.

Introduction to Music Technology – MUSI 1120

- Music notation software, MIDI and audio editing (Pro Tools), electronic music, video sound tracks

Music Appreciation – MUSI 1340

- Fully online class, survey of Western music history, survey of music structure / form, survey of world music

Graduate Teaching Associate

Ohio State University, September 2009-June 2012

For all courses: lectured; prepared lesson plans; wrote quizzes, exams, and homework; performed all grading; advised and tutored students during regularly scheduled office hours

Freshman Music Theory Sequence

- MUS-221: Review of fundamentals, counterpoint, part-writing, and harmonization
- MUS-222: Dominant and predominant function, chord inversion, accented and chromatic embellishment
- MUS-223: Secondary functions, introduction to modulation

Freshman Aural Training Sequence

- MUS-224: Moveable 'do,' sight-singing and music dictation in major keys, musicianship
- MUS-225: Sight-singing and music dictation in major and minor keys, musicianship, conducting
- MUS-226: Chromatic solfege, sight-singing and music dictation in major and minor keys

Sophomore Music Theory Sequence

- MUS-421: Advanced harmonic structure and function, modulation to closely related keys, modulation to foreign keys
- MUS-422: Analysis, thematic types, small forms, large forms, multi-movement forms
- MUS-423: Impressionist music, set theory, minimalism, survey of 20th century compositional techniques and philosophies

Sophomore Aural Training Sequence

- MUS-424: Diatonic and chromatic tonal relationships, advanced sight-singing and music dictation
- MUS-425: Sight-singing and music dictation containing modulation and tonal chromatic harmonies, introduction to modal melodies
- MUS-426: Sight-singing and music dictation involving chromatic and post-tonal music

Substitute Teacher

University of Wisconsin-Whitewater, 2008-2009

- Substitute taught ~10 times: Introduction to Theory; freshman and sophomore level Music Theory and Aural Skills; upper-level Counterpoint and Form

Teaching Assistant

University of Texas at Austin, 2006-2007

Lectured; prepared lesson plans; performed all grading; advised and tutored students during regularly scheduled office hours

Freshman Musicianship Sequence (taught three sections each)

- MUS-605A: Moveable 'do,' sight-singing and music dictation in major and minor keys, musicianship, keyboard drill
- MUS-605B: Sight-singing and music dictation in major and minor keys, musicianship, keyboard drill

CONTINUING EDUCATION

Wakonse South Conference: Teaching and Learning in Higher Education:

"Activating Student Learning," March 31-April 2, 2017

- Interdisciplinary seminar exploring the scholarship and practice of teaching and learning

Exploring the Mind Through Music, June 6-10, 2016, Rice University

- Cross-disciplinary (Music, Psychology, Linguistics) seminar exploring empirical methods, the state of current research, and featuring several keynote talks from experts from each discipline

Learning Covenant Teaching Academy, Spring 2016, Mary Hardin-Baylor

- Seminar exploring current pedagogical approaches and best practices, focusing on both practical elements of teaching and philosophical issues relating to pedagogy

Seminar for Academic Leadership, May 17-20, 2015, Baylor University

- Seminar for leadership development in academic settings, featuring keynote discussions of prominent academic leaders and workshops

Methods in Empirical Music Research: A Workshop for Music Scholars,

May 20-24, 2013, Ohio State University

- Overview of empirical methods and theory, with special focus on applying these methods in music research

OTHER WORK EXPERIENCE

I have had a variety of experiences maintaining a private studio, teaching clarinet, piano, aural skills, composition, and tutoring in music theory

MUSICAL EXPERIENCE

Redeemer Presbyterian Church, Temple, TX, 2013-Present

- Piano for Sunday worship services

SERVICE AND VOLUNTEER WORK

Executive Board of the Texas Society for Music Theory, March 2015-Present

Networking Committee Member of the Society for Music Theory, July 2015-Present

Local Host, Texas Society for Music Theory Conference, February 2016

Peer Reviewer

- *Music Perception: An Interdisciplinary Journal*
- *Journal of Music Theory*
- *Music Theory Online*
- *Psychology of Music*
- *Music and Politics*
- *Journal of Interdisciplinary Music Studies*
- *Journal of Mathematics and Music*
- *Computer Music Journal*
- *Frontiers in Psychology*

Session Chair

- International Conference for Music Perception and Cognition, San Francisco, CA, July 15, 2016
- National Conference of the Society for Music Perception and Cognition, Nashville, August 3, 2015
- International Conference for Music Perception and Cognition, San Francisco, CA, July 5, 2016
- Seoul, South Korea, July 29, 2014
- National Conference of the Society for Music Perception and Cognition, Toronto, July 29, 2013
- Midwest Music Cognition Symposium, Columbus, May 24, 2013

Program Committee

- Texas Society for Music Theory Conference, 2015
- Fifth International Conference on Mathematics and Computation in Music, 2015
- The International Society for Music Information Retrieval Conference, 2014

Volunteer External Academic Research Committee Advisor

- Master's Thesis Advisor, Student at Texas State University
- AP Research Advisor, Student at American School of Kuwait

Member of Mary Hardin-Baylor Faculty Council, March 2015-Present

Research Committee Member of Mary Hardin-Baylor, May 2015-Present

Institutional Review Board Member Mary Hardin-Baylor, January 2016-Present

AFFILIATIONS

- Member of the Society for Music Theory
- Member of the Society for Music Perception and Cognition
- Member of the Texas Society for Music Theory
- Member of the American Musicological Society Southwest Chapter