

Date: April, 2023

**Curriculum Vitae**  
**Michael D. Hall**

Department of Psychology  
James Madison University  
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**Education**

Ph.D., Experimental Psychology (major: perception; minors: cognition, development), 1996, State University of New York at Binghamton.

dissertation: *Defining features of steady-state timbres.*

M.A., Experimental Psychology, 1992, State University of New York at Binghamton.

thesis: *Base complexity effects on duplex perception in speech and music.*

B.S., Summa Cum Laude, Psychology, 1988, University of New Mexico.

**Research Experience**

Fall 2012-present: Professor, Department of Psychology, James Madison University

Fall 2006-Summer 2012: Associate Professor, Department of Psychology, James Madison University

Fall 2004-Summer 2006: Assistant Professor, Department of Psychology, James Madison University

Fall 1998-Summer 2004: Assistant Professor, Psychology Department, University of Nevada, Las Vegas

Fall 1994-Summer 1998: Research Associate, Department of Speech and Hearing Sciences,  
University of Washington; Patricia K. Kuhl, Supervisor

Fall 1989-Summer 1994: Research Assistant, Psychoacoustics Laboratory,  
State University of New York at Binghamton; Richard E. Pastore, Supervisor

Fall 1988-Spring 1989: Research Assistant, Psycholinguistics Laboratory,  
State University of New York at Binghamton; Cynthia M. Connine, Supervisor

**Association Memberships**

Psychonomic Society

Society for Music Perception and Cognition

Auditory Perception & Cognition Society

Psi Chi

**Select Professional Service Activities**

January 2018-present, Co-Editor (& Co-Founder), *Auditory Perception & Cognition*, Taylor & Francis (journal)

January 2018-present, Ex Officio Member, *Auditory Perception & Cognition Society*

November 2018-present, Member, Membership Committee, *Auditory Perception & Cognition Society*

April 2021-present, Member, Anti-Racism & Equity Committee, *Society for Music Perception and Cognition*

Fall 2020-present: Psi Chi Council of Past Presidents

Summer 2010-Summer 2012: Psi Chi International Board of Directors (President Summer 2010-Summer 2011)

Spring 2003-Spring 2005: Vice President, Psi Chi (Western Region)

Chair, Program Committee, Auditory Perception Cognition and Action Meeting (APCAM), 2011-2017

Member, Program Committee, & Session Chair, Auditory Perception Cognition and Action Meeting (APCAM), 2010

Spring 2013: Member, Program Committee, 2013 meeting of the Society for Music Perception & Cognition (for a description of this group and a link to the conference site, see [www.musicperception.org](http://www.musicperception.org)).

Summer 2006-Summer 2007: Chair, Program Committee, 2007 meeting of the Society for Music Perception & Cognition

Spring 2002-June 2003: Chair, Local Arrangements Committee, and Member, Program Committee, 2003 meeting of the Society for Music Perception & Cognition (proposed and organized this international meeting)

Summer 2011-Summer 2015: JMU Psychological Sciences M.A. Program Director

Fall 2021-present, Fall 2010-Summer 2015, JMU Psychological Sciences M.A. Experimental Psychology Concentration Coordinator

April 2012-Summer 2015: Chair, College of Health and Behavioral Studies (CHBS) Graduate Council

Fall 2005-Summer 2011: Institutional Review Board

Grant Reviews for *Israel Science Foundation & American Speech-Language-Hearing Foundation*

Article Reviews for *Auditory Perception & Cognition, Canadian Acoustics, Canadian Journal of Experimental Psychology, Frontiers in Psychology, Journal of the Acoustical Society of America, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception and Performance, Music Perception, New Ideas in Psychology, Perception & Psychophysics; Attention, Perception & Psychophysics, Psi Chi Journal of Undergraduate Research, Psychological Research, Psychological Science, Psychomusicology: Music, Mind and Brain, Quarterly Journal of Experimental Psychology*

### Select Grants and Consulting

Fall 2018-Summer 2020: Chan, K. Y. (PI) and Hall, M. D. (External Investigator). *Vowel Perception and Production in Second Language Learners with Different Proficiency Levels*. Strategic Research Grant, City University of Hong Kong. Funded: \$100,000 HKD.

Fall 2017-Summer 2018: Chan, K. Y. (PI) and Hall, M. D. (External Investigator). *Factors contributing to foreign accent: Second language perception, production, and their relation*. Strategic Research Grant, City University of Hong Kong. Funded: \$100,000 HKD.

Fall 2011-Spring 2012: Hall, M. D. (PI). *Creating and validating experimental (militarily-relevant) acoustic stimulus sets*. DCS Corporation Subcontract Number: APX03-S002 (for the Army Research Laboratory, Aberdeen Proving Grounds, MD). Funded: \$18,677.09.

September 2006-December 2010: Sundre, Donna (Principal), Hurney, Carol (Co-Principal), Murphy, Christopher (Co-Principal), West, Richard (Co-Principal), Hall, Michael D. (Supporting), Taalman, Laura (Supporting), *Advancing Assessment of Quantitative and Scientific Reasoning*, Sponsored by NSF, James Madison University, \$498,765.00.

Spring 2005: Co-Director, *Multi-dimensional model of vocal deception*. JMU Institute for Infrastructure and Information Assurance. Funded: \$33,126.

### Select Honors and Awards

2020: Outstanding Educator Award, University of Chicago

Department of Psychology Nominee, College of Health and Behavioral Studies Service Award, 2017-18, 2013-14, 2012-13, 2010-11 (College of Integrated Science and Technology), 2009-10 (CISAT)

2015: JMU Emeriti Association Legacy Grant Recipient (awarded by emeritus faculty to the current faculty member from departmental nominees who is deemed to best reflect the mission/values of the college)

2012-13, 2013-14: Funded JMU Intellectual Property Disclosure Incentive Program Proposal

2009 Directors' Award, Canadian Acoustical Association, Best paper by non-student [for Hall, M. D. & Beauchamp, J. W. (2009). Clarifying spectral and temporal dimensions of musical instrument timbre. *Canadian Acoustics*, 37(1), 3-22].

2001-2002: UNLV Foundation Distinguished Teaching Award (highest teaching award at UNLV)  
 2001-2002: Psi Chi Regional Faculty Advisor Award (Western Region)

**Representative Publications & Broadcast** (\*indicates peer-reviewed)

- \*Gordon, M. S., Hall, M. D., Gaston, J., Fouts, A. & Suwangbutra, J. (2019). Individual differences in the acoustic properties of human skulls. *The Journal of the Acoustical Society of America*, 146 EL191. <https://doi.org/10.1121/1.5124321>
- \*Chan, K. Y. & Hall, M. D. (2019). The importance of vowel formant frequencies and proximity in vowel space to the perception of foreign accent. *Journal of Phonetics*, 77. <https://doi.org/10.1016/j.wocn.2019.100919>
- Russell, M. K., Hall, M. D., & Neuhoff, J. (2019). Auditory Perception & Cognition: Answering the call for an integrated auditory science. *Auditory Perception & Cognition*, 1(1-2), 1-5. <https://doi.org/10.1080/25742442.2018.1569923>
- \*Peck, R. B., Hall, M. D., Gaston, J. R., & Dickerson, K. (2018). Evidence of change deafness with continuously moving targets. *Auditory Perception & Cognition*, 1(1-2), 66-96. <https://doi.org/10.1080/25742442.2018.1499002>
- \*Daly, H. R. & Hall, M. D. (2018). Not all musicians are created equal: Statistical concerns regarding the categorization of participants. *Psychomusicology: Music, Mind, and Brain*, 28(2), 117-126. <http://dx.doi.org/10.1037/pmu0000213>
- \*Hall, M.D. & Peck, Rachael B. (2016). Categorical perception: Effects of the extent and rate of spectral change. *Journal of Cognitive Psychology*, 29(1), 3-22. doi: <http://dx.doi.org/10.1080/20445911.2016.1229704>
- \*Becker, C. J. & Hall, M. D. (2014). Effects of fundamental frequency removal and low-pass filtering on pitch comparisons. *Psychomusicology: Music, Mind, and Brain*, 24(3), 195-206.
- Hall, M. D. (2012). Using student-based organizations within a discipline as a vehicle to create learning communities. In Barron, K. E. and Buch, K. (Eds.), *Discipline-Centered Learning Communities: Creating Connections among Students, Faculty, and Curricula*. Jossey-Bass.
- \*Hall, M. D. & Beauchamp, J. W. (2009). Clarifying spectral and temporal dimensions of musical instrument timbre. *Canadian Acoustics*, 37(1), 3-22.
- \*Watts, C. R. & Hall, M. D. (2008). Timbral influences on vocal pitch-matching accuracy. *Logopedics Phoniatrics Vocology*, 33, 74-82.
- \*Hall, M. D. & Blasko, D. G. (2005). Attentional interference in judgments of musical timbre: Individual differences in working memory. *The Journal of General Psychology*, 132(1), 94-112.
- \*Thompson, W. F., Hall, M. D., & Pressing, J. (2001). Illusory conjunctions of pitch and duration in unfamiliar tone sequences. *Journal of Experimental Psychology: Human Perception and Performance*, 27(1), 128-140.
- \*Hall, M. D., Pastore, R. E., Acker, B. E., & Huang, W. (2000). Evidence for auditory feature integration with spatially distributed items. *Perception & Psychophysics*, 62(6), 1243-1257.
- \*Hall, M. D., & Pastore, R. E. (1992). Musical duplex perception: Perception of figurally good chords with subliminal distinguishing tones. *Journal of Experimental Psychology: Human Perception and Performance*, 18(3), 752-762.
- \*Connine, C. M., Blasko, D. G., & Hall, M. D. (1991). Effects of subsequent sentence context in auditory word recognition: Temporal and linguistic constraints. *Journal of Memory and Language*, 30, 234-250.
- Walters, M. (Host). (2021, March 25). Individual differences in the acoustic properties of human skulls (No. 3) [Audio podcast episode]. In *Across Acoustics*. Acoustical Society of America. <https://acousticalsociety.org/across-acoustics-podcast/>

**Recent Presentations** ( $\geq 2018$ ; *i* = International, *n* = National, *r* = Regional, *I* = Invited; \* = Student)

- "Hall, M. D. (2022, November). *Perceptual evaluation of a novel method for synthesizing musical sounds*. Poster presented at the 21<sup>st</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2022).
- "Reinert, L.\* , Hall, M. D. & Gordon, M. S. (2022, November). *A preliminary evaluation of potential perceptual contributions from the skull*. Poster presented at the 21<sup>st</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2022).
- "Hall, M. D., Stone, B. H\* & Russell, M. K. (2022, November). *Categorization of environmental sounds according to the manner of contact between solids*. Poster presented at the 21<sup>st</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2022).
- "Stone, B. H.\* & Hall, M. D. (2022, November). *Time, intensity, and frequency contributions to clasp perception in cyclic musical rhythms*. Poster presented at the 21<sup>st</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2022).
- "Reinert, L.\* & Hall, M. D. (2021, November). *Effects of residual noise and inharmonic frequencies on instrument timbre*. Poster presented at the 20<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2021).
- "Chan, K. Y. & Hall, M. D. (2021, November). *What accounts for foreign-accent reduction in singing?* Poster presented at the 20<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2021).
- <sup>i</sup>Akese, A. A.\* & Hall, M. D. (2021, October). *Effects of timbre and pitch register on perceived emotion in melodies*. Poster presented at Acoustics Week in Canada 2021 (annual meeting of the Canadian Acoustics Association).
- "Hall, M. D., Allen, L. E., Reinert, L. & Akese, Ange-Dominique. (2020, November). *Rise time discrimination as a function of subsequent changes in the amplitude envelope*. Poster presented at the 19<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2020).
- "Koch, C. & Hall, M. D. (2020, November). *Cross-Modal Stroop interference with native, non-native, and non-human speakers*. Poster presented at the 19<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2020).
- "Wimer, J.\* & Hall, M. D. Michael D. Hall (2020, March). *Associations of auditory pitch with visual space and motion*. Poster presented at the Shenandoah Valley Regional Science & Engineering Fair, Harrisonburg, Virginia. (*placed 1<sup>st</sup> in the Behavioral and Social Sciences category, and subsequently presented at the Virginia State Science & Engineering Fair*)
- "Colville, J. & Hall, M. D. (2019, November). *Evaluation of musical instrument timbre preference as a function of materials*. Poster presented at the 18<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2019), Montréal, Canada.
- "Beck, A., Hall, M. D. & Bridgeforth, K. (2019, November). *The spatial representation of pitch in relation to musical training*. Poster presented at the 18<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2019), Montréal, Canada.
- "Hall, M. D. & Rohaly, T. (2018, November). *Predicting pitch's influence on instrument timbres and vowels*. Poster presented at the 17<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2018), New Orleans, Louisiana.
- "Cole, C., Hall, M. D. & Rohaly, T. (2018, November). *The effect of the similarity of events on change deafness*. Poster presented at the 17<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting (APCAM 2018), New Orleans, Louisiana.
- "Shum, Y.H., Chan, K. Y., Hall, M., Rohaly, T., Wang, Y., Zhao, K. Y. & Tse, C. Y. (2018, November). *L2 proficiency and acoustic deviation modulates the matched interlanguage speech intelligibility benefit*. Poster presented for the 58<sup>th</sup> Annual Meeting of the Psychonomic Society, New Orleans, Louisiana.

*Other examples available upon request*