

CURRICULUM VITA

Personal

Marilyn Gail Boltz

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Education

The University of Toledo Toledo, Ohio	Psychology/Honor's Program	B.A. 1974-1977 summa cum laude
The University of Toledo Toledo, Ohio	Experimental Psychology	M.A. 1977-1978
The Ohio State University Columbus, Ohio	Cognitive/Experimental Psychology	Ph.D. 1979-1985

Academic Positions Held

Department Chair, Haverford College, 1993 to 1996, 2000-2001

Professor of Psychology, Haverford College, 2000 to present

Associate Professor of Psychology, Haverford College, 1993 to 1999

Assistant Professor of Psychology, Haverford College, 1987 to 1992

Visiting Assistant Professor of Psychology, The Ohio State University, 1986-1987.

Assistant Professor of Psychology, University of Minnesota at Morris, 1985-1986.

Courses Offered

Psy 100 - Foundations of Psychology
Psy 220/320 - Psychology of Time (with lab)
Psy 213/313 - Memory and Cognition (with lab)
Psy 238/338 - Psychology of Language (with lab)
Psy 391 - Senior Thesis Tutorial in Cognition

Publications - Journal Articles

Boltz, M.G. (2011). Illusory tempo changes due to musical characteristics. *Music Perception*, 28(4), 367-386.

Boltz, M.G. & Yum, Y. N. (2010). Temporal concepts and predicted duration judgments. *Journal of Experimental Social Psychology*, 46, 895-904.

Boltz, M.G. (2010). Rate and duration memory of naturalistic sounds. *Acta Psychologica*, 135, 168-181.

- Boltz, M.G., Dyer, R.L. & Miller, A.R. (2010). Are you lying to me? Temporal cues for deception. *Journal of Language and Social Psychology*, 29, 458-466.
- Boltz, M.G., Ebendorf, B. & Field, B. (2009). Audiovisual interactions: The impact of visual information on music perception and memory. *Music Perception*, 27(1), 43-59.
- Boltz, M.G. (2006). Duration judgments of naturalistic events in the auditory and visual modalities. *Perception & Psychophysics*, 67(8), 1362-1375.
- Boltz, M.G. (2005). Temporal dimensions of conversational interaction: The role of response latencies and pauses in social impression formation. *Journal of Language and Social Psychology*, 24, 103-138.
- Boltz, M.G. (2004). The cognitive processing of film and musical soundtracks. *Memory & Cognition*, 32, 1194-1205..
- Brown, S.W. & Boltz, M.G. (2002). Attentional processes in time perception: Effects of mental workload and event structure. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 600-615.
- Boltz, M.G. (2001). Musical soundtracks as a schematic influence on the cognitive processing of filmed events. *Music Perception*, 18, 427-454.
- Boltz, M.G. (1999). The processing of melodic and temporal information: Independent or unified dimensions? *Journal of New Music Research*, 28, 67-79.
- Boltz, M.G., Kupperman, C. & Dunne, J. (1998). The role of learning in remembered duration. *Memory and Cognition*, 26, 903-921.
- Boltz, M.G. (1998a). Tempo discrimination of musical patterns: Effects due to pitch and rhythmic structure. *Perception & Psychophysics*, 60, 1357-1373.
- Boltz, M.G. (1998b). The processing of temporal and nontemporal information in the remembering of event duration and musical structure. *Journal of Experimental Psychology: Human Perception and Performance*, 24, 1087-1104.
- Boltz, M.G. (1998c). Task predictability and remembered duration. *Perception & Psychophysics*, 60, 768-784.
- Boltz, M.G. (1995). Effects of event structure on retrospective duration judgments. *Perception & Psychophysics*, 57, 1080-1096.
- Schmuckler, M. & Boltz, M.G. (1994). Rhythmic and harmonic influences on musical expectancy. *Perception & Psychophysics*, 56, 313-325.
- Boltz, M.G. (1994). Changes in internal tempo and effects on the learning and remembering of event durations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 20, 1154-1171.
- Boltz, M.G. (1993a). The generation of temporal and melodic expectancies during musical listening. *Perception & Psychophysics*, 53, 585-600.
- Boltz, M.G. (1993b). Time estimation and expectancies. *Memory and Cognition*, 21, 853-863.
- Jones, M.R., Boltz, M.G. & Klein, J. (1993). Expected ending times and duration judgments. *Memory and Cognition*, 21, 646-665.
- Boltz, M.G. (1992a). Temporal accent structure and the remembering of filmed narratives. *Journal of Experimental Psychology: Human Perception and Performance*, 18, 90-105.

- Boltz, M.G. (1992b). The remembering of auditory event durations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 18, 938-956.
- Boltz, M.G. (1991a). Some structural determinants of melody recall. *Memory & Cognition*, 19, 239-251.
- Boltz, M.G. (1991b). Time estimation and attentional perspective. *Perception & Psychophysics*, 49, 422-433.
- Boltz, M.G., Kapadia, M. & Joyner, R. (1991). Psychmuse: A Macintosh system for psychomusicology research. *Behavior Research Methods, Instruments, and Computers*, 23, 409-414.
- Boltz, M.G., Schulkind, M. & Kantra, S. (1991). Effects of background music on the remembering of filmed events. *Memory & Cognition*, 19, 593-606.
- Jones, M. R. & Boltz, M.G. (1989). Dynamic attending and responses to time. *Psychological Review*, 96, 459-491.
- Boltz, M.G. (1989a). Perceiving the end: Effects of tonal relationships on melodic completion. *Journal of Experimental Psychology: Human Perception and Performance*, 15, 749-761.
- Boltz, M.G. (1989b). Rhythm and "good endings": Effects of temporal structure on tonality judgments. *Perception & Psychophysics*, 46, 9-17.
- Boltz, M.G. (1989c). Time judgments of musical endings: Effects of expectancies on the "filled interval effect". *Perception & Psychophysics*, 46, 409-418.
- Todd, R., Boltz, M.G. & Jones, M. R. (1989). The Midilab Auditory Research System. *Psychomusicology*, 8, 17-28.
- Boltz, M.G. & Jones, M. R. (1986). Does rule recursion make melodies easier to reproduce? If not, what does? *Cognitive Psychology*, 18, 389-431.
- Boltz, M.G., Marshburn, E., Jones, M. R. & Johnson, W. (1985). Serial pattern structure and temporal order recognition. *Perception & Psychophysics*, 37, 209-217.
- Kidd, G., Boltz, M.G. & Jones, M. R. (1984). Some effects of rhythmic context on melody recognition. *American Journal of Psychology*, 97, 153-173.
- Jones, M. R., Boltz, M.G. & Kidd, G. (1982). Controlled attending as a function of melodic and temporal context. *Perception & Psychophysics*, 32, 211-218.
- Boltz, M.G. (1985). An expectancy model of judged duration: An ecological perspective. Doctoral Dissertation, The Ohio State University Library.
- Boltz, M.G. (1978). Recognition memory for human voices. Master's Thesis. The University of Toledo Library.

Publications - Book Chapters

- Boltz, M.G. (2011). Should you want your MTV? Music videos and visual influences on music perception and appreciation. In S. Tan, A.J. Cohen, R. Kendall & S. Lipscomb (Eds.), *Psychology of music in multimedia*. Oxford University Press, in press.
- Boltz, M. (1998). The relationship between internal and external determinants of time estimation behavior. In V. DeKeyser, G. d'Ydewalle, & A. Vandierendonck (Eds.), *Time and the Dynamic Control of Behavior*. Gottingen: Hogrefe & Huber Publishers.
- Boltz, M. (1993). Temporal expectancies and melody recognition. In C. Auxiette, C. Drake, & C. Gerard (Eds.), *Proceedings from the Fourth Rhythm Workshop: Rhythm Perception and Production*. Bourges: Bourges

Press.

Boltz, M. (1992). The incidental learning and remembering of event durations. In F. Macar, V. Pouthas, & W.J. Friedman (Eds.), *Time, Action, and Cognition*. Dordrecht: Kluwer Academic Publishers.

Invited Paper Presentations

Boltz, M. Cognition in the fourth dimension: The remembering of event durations. Colloquium presented to the Department of Psychology at Rowan University, October 2000.

Boltz, M. The perception of illusory tempo changes in musical compositions. Presented at the Seventh Workshop on Rhythm Perception and Production. Wassenaar, Holland. July, 1998.

Boltz, M. The role of timing in conversational interaction and social attribution processes. Colloquium presented at Bucknell University, October 1997.

Boltz, M. The processing of melodic and temporal information: Independent or unified dimensions? Presented at the Second Meeting of the FWO Research Society on Foundations of Music Research: Foundations of Time Perception. Ghent, Belgium. March, 1997.

Boltz, M. Temporal judgment skills in conversational interaction. Colloquium presented to The Department of Psychology, University of Ghent, Belgium. March, 1997.

Boltz, M. Pitch and time: Unified or independent dimensions? Presented at the Sixth Workshop on Rhythm Perception and Production. Ohlstadt, Germany. September, 1996.

Boltz, M. The psychology of time. Colloquium presented at Villanova University. December, 1995.

Boltz, M. The relationship between internal and external determinants of time estimation behavior. Presented at The Second International Workshop on Time and the Dynamic Control of Behavior. Liege, Belgium, November 1994.

Boltz, M. The role of response latencies in conversational interaction. Presented at the Fifth Workshop on Rhythm Production and Perception. Sheffield, England, September 1994.

Brown, S., Boltz, M. & Stinson, W. The effects of attentional demands and event structure on the perceived duration of auditory prose passages. Presented at the Fifth Workshop on Rhythm Production and Perception. Sheffield, England, September 1994.

Boltz, M. The generation of temporal expectancies during musical perception. Presented at the Meeting of the Cognitive Science Society. Bloomington, Indiana in July 1992.

Boltz, M. Temporal expectancies and melody recognition. Presented at the Fourth Rhythm Workshop: Rhythm Perception and Production. Bourges, France in June 1992.

Boltz, M. The incidental learning and remembering of event durations. Presented at a NATO conference entitled "Time, Action, and Cognition". San Malo, France in October 1991.

Recent Conference Presentations

Boltz, M. Tempo misperceptions due to musical structure. Paper presented at The Meeting of the Eastern Psychological Association, Cambridge, MA, March, 2011.

Boltz, M. & Yum, Y. Temporal concepts and predicted duration estimates. Paper presented at The Meeting of the Psychonomic Society, Boston, MA, November, 2009.

Boltz, M. Music Videos: Effects of Visual Information on Music Perception and Remembering. Paper presented at the Meeting of the Society for Music Perception and Cognition, Indianapolis, August, 2009.

Boltz, M., Ebendorf, B. & Field, B. (2008). Audiovisual Interactions: The Impact of Visual Information on Music Perception and Memory. Presented at The Meeting of the Psychonomic Society, Chicago, IL, November, 2008.

Boltz, M., Dyer, R. & Miller, A. Are You Lying to Me? Using Temporal Cues for Deception Detection. Presented at the Meeting of the Eastern Psychological Association, Boston, Massachusetts, March, 2008.

Boltz, M., Vandersall, E., Minaya, L. & Musliner, K. Cross-modal influences on impression formation. Presented at the Meeting of the Eastern Psychological Association, Philadelphia, Pennsylvania, March, 2007.

Boltz, M. Face/voice congruity and impression formation. Presented at The Meeting of the Psychonomic Society, Houston, Texas, November, 2006.

Boltz, M. Remembering the rate and duration of naturalistic events. Presented at The Meeting of the Psychonomic Society, Toronto, Canada, November, 2005.

Boltz, M. Response latencies and social impression formation. Presented at The Meeting of the Psychonomic Society, Minneapolis, MN, November, 2004.

Boltz, M. The remembered duration of auditory and visual events. Presented at The Meeting of the Psychonomic Society, Vancouver, B.C., November, 2003.

Boltz, M. The cognitive processing of film and musical soundtracks. Presented at the meeting of the Society of Music Perception and Cognition. Las Vegas, Nevada. June, 2003.

Boltz, M. Tempo discrimination: Influences due to pitch characteristics. Presented at Toronto 2000: Music Intersections. Toronto, November 2000.

Boltz, M. Illusory tempo changes due to pitch characteristics. Presented at the Meeting of the Psychonomic Society, New Orleans, November 2000.

Boltz, M. Background music as a schematic influence on the cognitive processing of filmed events. Paper presented at the meeting of the Society of Music Perception and Cognition. Northwestern University, Evanston IL. August, 1999.

Awards Received

Linback Teaching Award

Phi Beta Kappa

Professional Service Activities

- Consulting Editor for the journals of *Perception & Psychophysics*, and *Music Perception*.
- Member of the psychology review panel for selecting NSF Graduate Research Fellowships. February, 2001 and 2008.
- Member of a review team evaluating the Departments of Psychology at Agnus Scott College and Amherst College.
- Elected Secretary/Treasurer to the Society for Music Perception and Cognition. Term of 1999 - 2002.

- Elected to the Board of Directors of the Society for Music Perception and Cognition. Term of 1999 - 2002.
- Re-elected to the Board of Directors of the Society for Music Perception and Cognition. Term of 2006 - 2009.
- Project advisor for the Science Museum of Minnesota on a traveling exhibit entitled "Exploring Time". Fall 1998 to Spring 2001.
- Served as an expert witness on time estimation behavior in trial case prosecuted by U.S. Department of Labor (Reich vs. IBP). Kansas City, Missouri. July, 1995.
- Reviewer for the second edition of *Statistics for the Behavioral Sciences* by F. Gravetter & L. Wallnau.
- Reviewer for *Perception & Psychophysics*; *Journal of Experimental Psychology: Human Perception and Performance*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Psychomusicology*; *Memory & Cognition*; *Ecological Psychology*; *Perceptual and Motor Skills*; *Applied Cognitive Psychology*; *Perception*; *Journal of Experimental Psychology: General*; *Music Perception*; *Psychological Research*; *Cognition*.

Professional Memberships

International Society for the Study of Time
 Psychonomic Society
 American Psychological Society
 Society for Music Perception and Cognition
 Eastern Psychological Association