

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel in the order listed on Form Page 2.  
Follow the sample format (on preceding page) for each person. DO NOT EXCEED FOUR PAGES.

NAME	POSITION TITLE		
Bachorowski, Jo-Anne	Assistant Professor		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
College of the Holy Cross	A.B.	1980	Psychology
University of Wisconsin-Madison	M.S.	1986	Psychology (Clinical)
University of Wisconsin-Madison	Ph.D.	1991	Psychology (Clinical)

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications.

**A. POSITION AND HONORS**

2007-present Faculty Head of House, The Commons, Vanderbilt University  
 2002-present Associate Professor of Psychology, Vanderbilt University  
 2002-present Director of Clinical Training, Vanderbilt University  
 2002-2005 Associate Editor, *Cognition & Emotion*  
 1999-present Fellow, John F. Kennedy Center for Research on Human Development, Vanderbilt University  
 1998-1999 Visiting Scholar, Cornell University  
 1996-1999 Investigator, John F. Kennedy Center for Research on Human Development, Vanderbilt University  
 1995-2002 Assistant Professor of Psychology, Vanderbilt University  
 1995 (summer) Visiting Research Scientist, University of Otago, New Zealand  
 1990-1995 Assistant Professor of Psychology, University of Colorado at Denver  
 1989-1994 Director, M.A. Psychology (Clinical) Program, University of Colorado at Denver  
 1989-1990 Instructor, Department of Psychology, University of Colorado at Denver

1998-2000 NSF POWRE Award  
 1995-1996 NIMH B/START Award  
 2005 Madison Sarratt Award for Excellence in Undergraduate Teaching, Vanderbilt University

**B. SELECTED PUBLICATIONS**

Shackman, J.E., Fatani, S., Camras, L.A., Berkowitz, M.J., Bachorowski, J.-A., & Pollak, S.D. (in press). Emotion expression among abusive mothers is associated with their children's emotion processing and problem behaviours. *Cognition and Emotion*.

Hudenko, W. J., Stone, W., & Bachorowski, J.-A. (2009). Laughter differs in children with autism: An acoustic analysis of laughs produced by children with and without the disorder. *Journal of Autism and Developmental Disorders*, 39, 1392-1400.

- Bachorowski, J.-A., & Owren, M. J. (2008). Emotion-Related Vocal Acoustics: Cue-Configuration, Dimensional, and Affect-Induction Perspectives. In K. Izdebski (Ed.), *Emotions in the Human Voice, Vol. I* (pp. 87-99). San Diego: Plural.
- Bachorowski, J.-A., & Owren, M. J. (2008). Vocal expression of emotion. In M. Lewis, J. M. Haviland-Jones, & L. Feldman Barrett (Eds.), *Handbook of Emotions* (pp. 196-210). New York: Guilford.
- Berkowitz, M.J., & Bachorowski, J.-A. (2007). Evolution of the neural circuitry underlying laughter and crying. In J. Kaas (series Ed. & T. M. Preuss (volume Ed.) *Evolution of Nervous Systems, Vol. 5*. London: Elsevier.
- Owren, M. J., & Bachorowski, J.-A. (2007). Measuring vocal acoustics. In J. A. Coan & J. J. B. Allen (Eds.), *The Handbook of Emotion Elicitation and Assessment* (pp. 239-266). New York: Oxford University.
- Owren, M. J., Berkowitz, M. J., & Bachorowski, J.-A. (2007). Listeners judge talker sex more efficiently from male than female vowels. *Perception & Psychophysics*, *69*, 930-941.
- Buchowski, M.S., Majchrzak, K.M., Blomquist, K.K., Chen, K.Y., Byrne, D.W., & Bachorowski, J.-A. (2007). Energy expenditure of genuine laughter. *International Journal of Obesity*, *31*, 131-137.
- Bachorowski, J.-A., & Owren, M.J. (2003). Sounds of emotion: The production and perception of affect-related vocal acoustics. *Annals of the New York Academy of Sciences*, *1000*, 244-265. P. Ekman, J. J. Campos, R. J. Davidson, & F. B. M. de Waal (Eds.), *Emotions Inside out: 130 Years after Darwin's The Expression of the Emotions in Man and Animals*. www.annalsnyas.org
- Owren, M. J., & Bachorowski, J.-A. (2003). Reconsidering the evolution of nonlinguistic communication: The case of laughter. *Journal of Nonverbal Behavior*, *27*, 183-200.
- Owren, M. J., Rendall, D., & Bachorowski, J.-A. (2003). Nonlinguistic vocal communication. In D. Maestripietri (Ed.), *Primate Psychology* (pp. 359-394). Cambridge: Harvard University.
- Smoski, M.J., & Bachorowski, J.-A. (2003). Antiphonal laughter between friends and strangers. *Cognition & Emotion*, *17*, 327-340.
- Russell, J. A., Bachorowski, J.-A., & Fernandez-Dols, J.-M. (2003). Facial and vocal expressions of emotion. *Annual Review of Psychology*, *54*, 329-349.
- Kaplan, P.S., Bachorowski, J.-A., Smoski, M.J., & Hudenko, W.J. (2002). Infants of depressed mothers, although competent learners, fail to learn in response to their own mother's infant-directed speech. *Psychological Science*, *13*, 268-271.
- Bachorowski, J.-A., & Owren, M.J. (2001). Not all laughs are alike: Voiced but not unvoiced laughter readily elicits positive affect. *Psychological Science*, *12*, 252-257.
- Bachorowski, J.-A., Smoski, M.J., & Owren, M.J. (2001). The acoustic features of human laughter. *Journal of the Acoustical Society of America*, *110*, 1581-1597.
- Kaplan, P.S., Bachorowski, J.-A., Smoski, M.J., & Zinser, M.C. (2001). Role of clinical diagnosis and medication use in effects of maternal depression on infant-directed speech. *Infancy*, *2*, 537-548.

**C. CURRENT SUPPORT**

**None.**