

*Curriculum Vitae***HEATHER BORTFELD**<http://people.tamu.edu/~bortfeld>

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Department of Psychology
 Texas A&M University
 College Station, TX 77843-4235
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 Bryan, TX 77808
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EDUCATION

- 1998 Ph.D., Cognitive Psychology
*"A cross-linguistic analysis of idiom comprehension
 by native and non-native speakers"*
 Department of Psychology (Advisor: Dr. Susan Brennan)
 State University of New York, Stony Brook, NY
- 1994 M.A., Cognitive Psychology
*"Lexical choice and language acquisition during conversations
 between native and non-native speakers"*
 Department of Psychology (Advisor: Dr. Susan Brennan)
 State University of New York, Stony Brook, NY
- 1992 B.A., Summa Cum Laude
 Department of Psychology and Department of Communication Studies (Double Major)
 University of California, Santa Barbara, CA

ACADEMIC APPOINTMENTS

- 2008-present Associate Professor
 Department of Psychology, Texas A&M University, College Station, TX
- 2002-2008 Assistant Professor
 Department of Psychology, Texas A&M University, College Station, TX
- 2000-2002 Assistant Professor (Research)
 Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI
- 1998-2000 Postdoctoral Research Fellow
 Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI
- 1994-1995 Visiting Instructor and Research Scientist
 Department of Psychology and Department of Philology, University of Latvia, Rīga,
 Latvia

HONORS AND AWARDS

- 2008-2011 *Recipient*

Ray A. Rothrock '77 Fellowship Award
College of Liberal Arts, Texas A&M University

- 2007 *Invited Participant*
International Networking Seminar for Young Researchers
Cognitive Neuroscience and Neuroimaging of Development
British Council Science Division (Paris, France, March)
University Scholar Faculty Mentor
Survey Course on Interdisciplinary Research
- 2006 *Invited Participant*
Developing the Emerging Scientist
American Speech-Language-Hearing Association (ASHA)/
National Institute of Deafness and Other Communication Disorders (NIDCD)
- 2005 *Key Note Speaker and Honorary Inductee*
Golden Key International Honor Society, Texas A&M Chapter
- 1994 *Recipient*
Department of Psychology, Second Year Research Award
State University of New York, Stony Brook
- 1990-1992 *Invited Member*
Mortar Board Senior National Honor Society
University of California, Santa Barbara
- 1989-1990 *Recipient*
Undergraduate Fellowship: Education Abroad in Madrid, Spain
University of California, Education Abroad Program
- 1987-1992 *Member*
Psi Chi National Honor Society
University of California, Santa Barbara
- 1987-1992 *Member*
Departmental Honors Program: Psychology
University of California, Santa Barbara
- 1987-1992 *Member*
College of Letters and Science Honors Program
University of California, Santa Barbara

GRANTS

EXTERNAL FUNDING

- 2008-2011 Dana Foundation
Dana Program in Brain and Immuno-imaging

- “Optical neuroimaging of deaf children with cognitive delays after cochlear implantation”
 Co-PI (Co-PI: John Oghalai, Otolaryngology/Head and Neck Surgery, Texas Children’s Hospital & Baylor College of Medicine)--\$200,000
- 2007-2010 National Science Foundation
 Robust Intelligence Research Collaboration
 “Foreign accent conversion through articulatory inversion of the vocal-tract frontal cavity”
 Senior Personnel (Co-PIs: Ricardo Gutierrez-Osuna, Computer Science, Texas A&M University; Miguel Carreira-Perpinan, Computer Science & Electrical Engineering, Oregon Health & Science University)--\$229,883
- 2006-2008 National Institutes of Health-R21
 National Institute of Child Health and Human Development
 “The neural basis of object processing in infancy”
 Collaborator (PI: Teresa Wilcox, Psychology)--\$275,000
- 2005-2009 National Science Foundation
 Immersive Visualization MRI
 “Development of spatially immersive visualization facilities”
 Co-investigator (PI: Fred Parke, Visualization Science)--\$554,500
- 2005-2006 Texas A&M University and Conacyt (Mexico)
 “Facial caricaturing as a training tool for security”
 Co-PI (PI: Ricardo Gutierrez-Osuna, Computer Science)--\$12,000
- 2004-2007 National Institutes of Health-R03 HD046533-01
 National Institute of Child Health and Human Development
 “Optical neuroimaging of infants’ preferential listening”
 PI--\$145,500
- 2003-2005 James S. McDonnell Foundation
 21st Century Research Awards: Bridging Brain, Mind and Behavior
 “Neural correlates of infant word recognition”
 PI--\$100,000
- 1998-2000 National Institutes of Health/National Institute of Child Health and Human Development
 National Research Service Award (NRSA) Postdoctoral Research Fellowship
 “Prosodic cues to infant speech segmentation”
 NRSA Fellow (Sponsor: Dr. James Morgan, Brown University)--\$56,720
- 1994-1995 Soros Foundation Language Education Grant: University of Latvia
 Soros Foundation, Rīga, Latvia

INTERNAL FUNDING

- 2007-2008 Department of Psychology, Texas A&M University
 Research Collaboration Seed Grant

“Age-related auditory dysfunction: Brain mechanisms and pharmacological reversal”
Co-PI (Co-PI: Jennifer Bizon, Behavioral Cellular Neuroscience)--\$2,000

- 2006-2007 College of Architecture, Texas A&M University
College Research Grant Initiative
“Architecture Translated: Visual perception in the process of designing across media”
Collaborator (PI: Weiling He, Architecture)--\$7,500
- 2006-2007 Texas A&M University, Children, Youth, and Families
Seed Grant Competition
“Assessing communication training support software”
PI (Co-PI: Ricardo Gutierrez-Osuna, Computer Science)--\$14,942
- 2002-2003 University New Proposal Development Award
Texas A&M University College of Liberal Arts
“Cracking the code: Early influences on infants’ ability to parse fluent speech”
PI--\$11,520

MANUSCRIPTS AND PUBLICATIONS

Peer Reviewed Publications

- Singh, L., Nestor, S., & Bortfeld, H. (2008). Overcoming the effects of variation in infant speech segmentation: Influences of word familiarity. *Infancy, 13*, 57-74.
- Wilcox, T., Bortfeld, H., Woods, R., Wruck, E., & Boas, D. A. (2008). Hemodynamic response to featural changes in the occipital and inferior temporal cortex in infants: A preliminary methodological exploration. *Developmental Science, 11*, 361-370.
- Chen, H.C., Vaid, J., Bortfeld, H., & Boas, D. (2008). Optical imaging of phonological processing in two distinct orthographies. *Experimental Brain Research, 184*, 427-433.
- Franceschini, M.A., Thaker, S., Themelis, G., Krishnamoorthy, K., Bortfeld, H., Diamond, S., Boas, D., Arvin, K., & Grant, E. (2007). Assessment of infant brain development with frequency-domain near-infrared spectroscopy. *Pediatric Research, 61*, 546-551.
- McGlone, M., Bortfeld, H., & Kobryniewicz, D. (2007). Laying it on thin: Analogical cue frequency in the manipulation of choice. *Personality and Social Psychology Bulletin, 33*, 721-731.
- Bortfeld, H., Wruck, E., & Boas, D. (2007). Assessing infants’ cortical response to speech using near-infrared spectroscopy. *NeuroImage, 34*, 407-415. (epub: October, 2006)
- Bortfeld, H., Smith, S.M., & Tassinari, L.G. (2006). Memory and the brain: A retrospective. *Cognition & Emotion, 20*, 1027-1045.
- Bortfeld, H., Morgan, J., Golinkoff, R., & Rathbun, K. (2005). Mommy and me: Familiar names help launch babies into speech stream segmentation. *Psychological Science, 16*, 298-304.

Wilcox, T., Bortfeld, H., Woods, R., Wruck, E., & Boas, D. (2005). Using near-infrared spectroscopy to assess neural activation during object processing in infants. *Journal of Biomedical Optics*, *10*, 011010-1 – 011010-9.

Bortfeld, H. (2004). Which came first: Infants learning language or motherese? *Behavioral and Brain Sciences*, *27*, 505-507.

Bortfeld, H. (2003). Comprehending idioms cross-linguistically. *Experimental Psychology*, *50*, 1-15.

Bortfeld, H. (2002). What native and non-native speakers' images for idioms tell us about figurative language. In Heredia, R., & Altarriba, J. (Eds.), *Advances in psychology: Bilingual sentence processing* (pp. 275-295). North Holland: Elsevier Press.

Bortfeld, H., Leon, S., Bloom, J., Schober, M., & Brennan, S. (2001). Disfluency rates in conversation: Effects of age, relationship, topic, role, and gender. *Language and Speech*, *44*, 123-147.

Bortfeld, H., & Whitehurst, G. (2001). Sensitive periods to first language acquisition. In D. Bailey, J. Bruer, J. Lichtman, & F. Symons (Eds.) *Critical thinking about critical periods: Perspectives from biology, psychology, and education* (pp. 173-192). Baltimore, MD: Brookes Publishing.

Bortfeld, H., & McGlone, M. (2001). The continuum of metaphor processing. *Metaphor and Symbol*, *16*, 75-86.

Gerrig, R., & Bortfeld, H. (1999). Sense creation in and out of discourse contexts. *Journal of Memory and Language*, *41*, 457-468.

Bortfeld, H., & Brennan, S. (1997). Use and acquisition of idiomatic expressions in referring by native and non-native speakers. *Discourse Processes*, *23*, 21-49.

Other Publications

Bortfeld, H. (2005). Baby talk. In N.J. Salkind (Ed.), *Encyclopedia of human development*. London: Sage.

Bortfeld, H. (2005). Discourse on discourse. *American Journal of Psychology*, *118*, 302-305.

Bortfeld, H. (2002). Commentary on *Essays in honor of Jacques Mehler*, E. Dupoux (Ed.), *LINGUIST List* *13.1705*.

Bortfeld, H. (1999). Language and its normal processing. *Language and Education*, *13*, 156-159.

Bortfeld, H. (1998). Computer-mediated communication: Linguistic, social, and cross-cultural perspectives. *Language*, *74*, 420.

Manuscripts Currently Under Review or Under Revision

Rodriguez, J., Bortfeld, H., Rudomin, I., Hernández, B., & Gutiérrez -Osuna, R. (Revision under review). Remembering difference: Facial caricatures improve recognition. *Applied Cognitive Psychology*.

Bortfeld, H., Fava, E., & Boas, D. (Revision under revision). Tracking cortical specialization for speech in preverbal infants. *Developmental Neuropsychology*.

Bortfeld, H., Hull, R., Sappington, R., & Smith, S. (Under revision). Making sense of conceptual combinations: On discourse-dependent comprehension. *Discourse Processes*.

Bortfeld, H. & Morgan, J. (Under revision). Early word recognition may be stress-full. *Cognitive Psychology*.

Manuscripts Currently in Preparation

Hull, R., Bortfeld, H., Koons, S., & Boas, D. Near-infrared spectroscopy and the cortical basis of speech production.

Fava, E., Bortfeld, H., & Boas, D. Differential cortical lateralization for processing language and music in early infancy.

Fava, E., Manzano, I., Bortfeld, H., & Boas, D. Neural correlates of native and non-native language processing in infancy.

PUBLISHED CONFERENCE PROCEEDINGS

Grant, E., Themelis, G., Arvin, K., Thaker, S., Krishnamoorthy, K., Bortfeld, H., & Franceshini, M.A. (2006). Alterations in regional oxygen saturation (StO₂) and blood volume (HbT) in infants with brain injuries and ECMO. *Biomedical Optics: Technical Digest of the Optical Society of America*, MC4.

Singh, L., Nestor, S., & Bortfeld, H. (2006). Effects of word familiarity on word recognition in infancy. In D. Bamman, T. Magnitskaia, & C. Zaller (Eds.), *BUCLD 30: Proceedings of the 30th annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

McGlone, M.S., Bortfeld, H., & Kobryniewicz, D. (2006). Using idioms to invoke implicit analogical framing in decision making. *Texas Linguistics Forum*, 49, 108-116.

Bortfeld, H., Rathbun, K., Morgan, J., & Golinkoff, R. (2003). What's in a name? Highly familiar items anchor infants' segmentation of fluent speech. In B. Beachley, A. Brown, & F. Conlin (Eds.), *BUCLD 27: Proceedings of the 27th annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

Nadig, A., Sedivy, J., Joshi, A., & Bortfeld, H. (2003). The development of discourse constraints on the interpretation of adjectives. In B. Beachley, A. Brown, & F. Conlin (Eds.), *BUCLD 27: Proceedings of the 27th annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

Singh, L., Bortfeld, H., & Morgan, J. (2002). Effects of variability on infant word recognition. In A. Do, L. Domínguez, and A. Johansen (Eds.), *BUCLD 26: Proceedings of the 26th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

Bortfeld, H., & Morgan, J. (2000). The influence of focusing stress on infants' recognition of words in fluent speech. In S. Catherine Howell, S. Fish, & T. Keith-Lucas (Eds.), *BUCLD 24: Proceedings of the*

24th Annual Boston University Conference on Language Development. Somerville, MA: Cascadilla Press.

Bortfeld, H., & Morgan, J. (1999). Interaction of varieties of stress in infant-directed speech, *Proceedings of the 14th Annual International Congress of Phonetic Sciences*, 2, 1185-1188.

Bortfeld, H., Leon, S., Bloom, J., Schober, M., & Brennan, S. (1999). Which speakers are most disfluent in conversation and when? *Proceedings of the 1st Annual Speech Disfluency Satellite Conference of the International Congress of Phonetic Sciences*.

Bortfeld, H., & Morgan, J. (1999). Disentangling multiple sources of stress in infant-directed speech. In A. Greenhill, H. Littlefield & C. Tano (Eds.), *BUCLD 23: Proceedings of the 23rd Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

McGlone, M., & Bortfeld, H. (1999). The continuum of metaphor processing. *Proceedings of the AISB'99 Symposium on Metaphor, Artificial Intelligence, and Cognition*. Edinburgh, Scotland: University of Edinburgh Press.

Bortfeld, H., & Morgan, J. (1998). Many sources of stress in infant-directed speech. *Les Sons de la Parole Spontanee, La Baume-les-Aix*, European Scientific Communication Association.

Bortfeld, H., & Brennan, S. (1994). Lexical Entrainment: Psycholinguistic evidence for lexical choice between native and non-native speakers. *The Penn Review of Linguistics: Proceedings of the Penn Linguistics Colloquium*, 18.

INVITED TALKS

Bortfeld, H. (April, 2008). *Tracking developmental changes in normal-hearing and cochlear-implemented children using near-infrared spectroscopy*. Computational Neuroscience Speaker Series, University of Chicago, Chicago, IL.

Bortfeld, H. (January, 2008). *Language and the developing brain: Linking perception to neurophysiology in normal and impaired auditory processing*. Department of Psychology, University of Connecticut, Storrs, CT.

Bortfeld, H. (March, 2007). *Assessing infants' cortical response to speech using near-infrared spectroscopy*. Scott & White Pediatric Grand Rounds, Temple, TX.

Bortfeld, H. (November, 2006). *Tracking infants' sensitivity to speech*. Children, Youth, & Families Interdisciplinary Research Program, Faculty Seminar Series, College Station, TX.

Bortfeld, H. (February, 2006). *Dissociating top-down from bottom-up influences on early speech perception: Implications for the development of diagnostic tools*. Department of Communication Sciences and Disorders, University of Texas, Austin, TX.

Bortfeld, H. & Wruck, E. (April, 2005). *Identifying neurophysiological correlates of speech perception in the first year*. Cognition/Perception Colloquium Series, Department of Psychology, University of Texas, Austin, TX.

Bortfeld, H. (November, 2004). *Near-infrared spectroscopy: A tool for tracking hemodynamic response in awake, behaving infants*. Texas A&M Faculty of Neuroscience Speaker Series, College Station, TX.

Bortfeld, H., Wruck, E., & Boas, D. (June, 2004). *Using optical imaging to track the neurophysiology of language development*. James S. McDonnell 21st Century Science Initiative Program Meeting, Palisades, NY.

Bortfeld, H. (March, 2004). *Tracking activity in the infant brain*. Cognitive Tea, Department of Psychology, Rice University, Houston, TX.

Bortfeld, H., Wilcox, T., & Boas, D. (February, 2004). *Tracking activity (and what it means) in the infant brain*. Cognition/Perception Colloquium Series, Department of Psychology, University of Texas, Austin, TX.

Bortfeld, H., Wilcox, T., & Boas, D. (February, 2004). *Using near-infrared spectroscopy to assess neural activation in infants*. Optical Topography/Near-infrared Spectroscopy Workshop (Organizers: Dr. Richard Aslin and Dr. Jacques Mehler). Boston, MA.

Bortfeld, H. (June, 2003). *Applying near-infrared spectroscopy to the study of infant speech perception*. James S. McDonnell 21st Century Science Initiative Program Meeting, Tarrytown, NY.

Bortfeld, H. (February, 2003). *Top-down influences anchor early speech segmentation*. Developmental Colloquium Series, Department of Psychology, University of Texas, Austin, TX.

Bortfeld, H. (October, 2002). *Early name recognition helps initiate infant speech segmentation*. Department of Psychology, Trinity College, San Antonio, TX.

Bortfeld, H. (September, 2002). *What images for idioms tell us about figurative language*. Department of Linguistics, Georgetown University, Washington, DC.

Bortfeld, H. (December, 2001). *First name recognition in early infancy: How overlearned items anchor initial speech segmentation*. Colloquium Series of the Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI.

Bortfeld, H. (October, 2001). *Nature, nurture, and critical periods in language development*. 5th Annual Great Beginnings Conference: Critical Periods and Implications for Early Childhood Services, Framingham, MA.

Bortfeld, H. (March, 2001). *Contextual influences on processing complex language*. Department of Psychology, Hofstra University, Hempstead, NY.

Bortfeld, H. (March, 2001). *Creating sense*. Department of Psychology, Bard College, Annandale-on-Hudson, NY.

Bortfeld, H. (February, 2001). *Sources of sense creation: Influences of interpreter, contextual, and statement characteristics on processing complex language*. Department of Psychology, Texas A&M University, College Station, TX.

Bortfeld, H. (May, 1999). *Acoustic cues to given and new information in infant-directed speech*. Colloquium Series of the Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI.

Bortfeld, H. (April, 1997). *Normal disfluency*. National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD.

Bortfeld, H. (March, 1997). *Processing familiar and unfamiliar idioms*. Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI.

Bortfeld, H. (February, 1997). *Second language acquisition and idioms*. Departments of English and Applied Linguistics, University of New Hampshire, Durham, NH.

ABSTRACTS AND PRESENTATIONS

Fava, E., Bortfeld, H., & Boas, D. (April, 2008). *Hemispheric dominance for speech and music in preverbal infants*. 15th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Fava, E., Bortfeld, H., & Boas, D. (March, 2008). *Tracking cortical specialization for music in preverbal infants*. 16th Biennial Meeting of the International Conference on Infant Studies, Vancouver, Canada.

Bortfeld, H. & Morgan, J. (March, 2008). *Infant word recognition is stress-full*. 16th Biennial Meeting of the International Conference on Infant Studies, Vancouver, Canada.

Bortfeld, H. & Morgan, J. (November, 2007). *Early word recognition may be stress-full*. 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.

Bortfeld, H., Fava, E., & Boas, D. (November, 2007). *Using near-infrared spectroscopy to track hemispheric dominance for speech in preverbal infants*. 37th Annual Meeting of the Society for Neuroscience, San Diego, CA.

Fava, E., Bortfeld, H., & Boas, D. (May, 2007). *Are preverbal infants lateralized for language? Using NIRS to track hemispheric dominance for speech in 6- to 9-month-olds*. Neural Systems of Social Behavior, Austin, TX.

Fava, E. & Bortfeld, H. (March, 2007). *Tracking hemispheric dominance for speech processing in 6- to 9-month-old infants*. Biennial Meeting of the Society for Research on Child Development, Boston, MA.

Sappington, R., Bortfeld, H., & Smith, S. (November, 2006). *Comparing structural and discourse priming in conceptual combination*. 47th Annual Meeting of the Psychonomic Society, Houston, TX.

Hull, R., Bortfeld, H., & Boas, D. (November, 2006). *Neural substrates for diversity in language experience*. 47th Annual Meeting of the Psychonomic Society, Houston, TX.

Fava, E., Bortfeld, H., Hull, R., & Boas, D. (November, 2006). *Assessing infants' cortical response to speech using near-infrared spectroscopy*. 47th Annual Meeting of the Psychonomic Society, Houston, TX.

Wilcox, T., Bortfeld, H., Woods, R., Armstrong, J., & Boas, D. (October, 2006). *Neural activation to featural and spatiotemporal discontinuities in the infant brain: An optical imaging study*. 36th Annual Meeting of the Society for Neuroscience, Atlanta, GA.

Bortfeld, H. & Fava, E. (May, 2006). *Are preverbal infants lateralized for language? Using NIRS to track hemispheric dominance for speech in 6-9 month olds*. Texas A&M Faculty of Neuroscience Spring Symposium, Bryan, TX.

Grant, E., Themelis, G., Arvin, K., Thaker, S., Krishnamoorthy, K., Bortfeld, H., & Franceshini, M.A. (March, 2006). *Alterations in regional oxygen saturation (StO2) and blood volume (HbT) in infants with brain injuries and ECMO*. Biomedical Topical Meeting of the Optical Society of America, Fort Lauderdale, FL.

Bortfeld, H., Wruck, E., & Boas, D. (November, 2005). *Dissociating uni- from multimodal perception in infants using optical imaging*. 46th Annual Meeting of the Psychonomic Society, Toronto, Canada.

Thaker, S., Grant, E., Arvin, K., Bortfeld, H., Chaves, T., Themelis, G., Wruck, E., Almeida, P., Krishnamoorthy, K., & Franceschini M.A. (November, 2005). *Cerebral measurements of hemoglobin concentration and oxygenation with near-infrared spectroscopy in neonates*. Annual Meeting of the Radiological Society of North America, Chicago, IL.

Singh, L., Nestor, S., & Bortfeld, H. (November, 2005). *Overcoming the effects of variation in infant word recognition: Influences of semantic and phonological factors*. 30th Annual Boston University Conference on Language Development, Boston, MA.

Bortfeld, H. & Wruck, E. (April, 2005). *Identifying neurophysiological correlates of speech perception in the first year*. Biennial Meeting of the Society for Research in Child Development, Atlanta, GA. [Symposium Coordinator and Chair: *Near-infrared spectroscopy: A new technique for assessing infant perception and cognition*.]

McGlone, M.S., Bortfeld, H., & Kobryniewicz, D. (April, 2005). *Using idioms to invoke implicit analogical framing in decision making*. Symposium About Language and Society-Austin (SALSA) XIII, Austin, TX.

Wilcox, T., Bortfeld, H., Woods, R., Wruck, E., & Boas, D. (October, 2004). *Using near-infrared spectroscopy to assess neural activation during object processing in infants*. 34th Annual Meeting of the Society for Neuroscience, San Diego, CA.

Bortfeld, H., Wruck, E., & Boas, D. (May, 2004). *Optical neuroimaging reveals temporal lobe activation during language exposure*. 14th Biennial International Conference on Infant Studies, Chicago, IL.

Bortfeld, H., Sappington, R., Smith, S.M., & Hull, R.M. (August, 2003). *Retention of contextually biased interpretations of conceptual combinations*. 14th Annual meeting of the Society for Text and Discourse Processing, Chicago, IL.

Bortfeld, H., Sappington, R., Smith, S.M., & Hull, R.M. (August, 2003). *Retention of contextually biased interpretations of conceptual combinations*. 26th Annual meeting of the Cognitive Science Society, Chicago, IL.

- Bortfeld, H., Sappington, R., Smith, S. M., & Hull, R. G. (November, 2003). *Conceptual combination in context*. 44th Annual meeting of the Psychonomic Society, Vancouver, B.C.
- Bortfeld, H., Smith, S.M., Hull, R.M., & Ledlie, J. (June, 2003). *Putting conceptual combination in context*. 15th Annual Convention of the American Psychological Society, Atlanta, GA.
- Bortfeld, H. (April, 2003). *Attentional influences on infants' word recognition and segmentation abilities*. Society for Research in Child Development Biennial Meeting, Tampa, FL.
- Rathbun, K., Bortfeld, H., Morgan, J., & Golinkoff, R. (April, 2003). *What's in a frame: Using highly familiar items to aid segmentation*. Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Nadig, A., Sedivy, J., Joshi, A., & Bortfeld, H. (November, 2002). *The development of discourse constraints on the interpretation of adjectives*. 27th Annual Boston University Conference on Language Development, Boston, MA.
- Rathbun, K., Bortfeld, H., Morgan, J., & Golinkoff, R. (November, 2002). *What's in a name: Using highly familiar items to aid segmentation*. 27th Annual Boston University Conference on Language Development, Boston, MA.
- Bortfeld, H. (October, 2002). *Infant speech segmentation: How highly familiar items serve as anchors for parsing*. ARMADILLO: The Southwest Cognition Conference, San Antonio, TX.
- Bortfeld, H. (June, 2002). *What speakers' images for idioms tell us about figurative language*. 12th Annual Meeting of the Society for Text and Discourse, Chicago, IL.
- Bortfeld, H., Rathbun, K., Golinkoff, R., & Morgan, J. (June, 2002). *Hot Topic: Early name recognition helps initiate infant speech segmentation*. 14th Annual Convention of the American Psychological Association, New Orleans, LA.
- Bortfeld, H., Rathbun, K., Golinkoff, R., Morgan, J., & Sootsman, J. (April, 2002). *Name recognition and speech segmentation*. 13th Biennial International Conference on Infant Studies, Toronto, Canada.
- Morgan, J., Singh, L., Bortfeld, H., Rathbun, K., White, K., & Anderson, J. (April, 2002). *The relationship between perceptual dissimilarity and processing time on infant word recognition*. 13th Biennial International Conference on Infant Studies, Toronto, Canada.
- Nadig, A., Sedivy, J., Bortfeld, H., & Joshi, A. (November, 2001). *The development of discourse constraints on the interpretation of pronominal and predicate adjectives*. 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
- Singh, L., Bortfeld, H., & Morgan, J. (November, 2001). *Evidence for episodic encoding in infant word recognition*. 26th Annual Boston University Conference on Language Development, Boston, MA.
- Morgan, J., Singh, L., Bortfeld, H., Rathbun, K., & White, K. (November, 2001). *Effects of speech rate and sentence position on infant word recognition*. 26th Annual Boston University Conference on Language Development, Boston, MA.

- Nadig, A., Sedivy, J., Bortfeld, H., & Joshi, A. (September, 2001). *The development of discourse constraints on the interpretation of pronominal and predicate adjectives*. 7th Annual Conference on Architectures and Mechanisms for Language Processing, Saarbrücken, Germany.
- Singh, L., Bortfeld, H., Rathbun, K. & Morgan, J.L. (April, 2001). *Effects of speeded and slowed speech on infant word recognition*. Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
- Bortfeld, H., & Morgan, J. (November, 2000). *Infants match focusing stress at 7.5 months*. 41st Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Singh, L., Bortfeld, H., Rathbun, K., & Morgan, J. (November, 2000). *Effects of speech rate on infant word recognition*. 25th Annual Boston University Conference on Language Development, Boston, MA.
- Bortfeld, H., & Morgan, J. (July, 2000). *Infants match focusing stress at 7.5 months*. 12th Biennial International Conference on Infant Studies, Brighton, England.
- Bortfeld, H., & Morgan, J. (November, 1999). *Focusing stress influences infants' recognition of words in fluent speech*. 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Bortfeld, H., & Morgan, J. (November, 1999). *The influence of focusing stress on infants' recognition of words in fluent speech*. 24th Annual Boston University Conference on Language Development, Boston, MA.
- Bortfeld, H., & Morgan, J. (August, 1999). *Interaction of varieties of stress in infant-directed speech*. 14th International Congress of Phonetic Sciences, San Francisco, CA.
- Bortfeld, H., Leon, S., Bloom, J., Schober, M., & Brennan, S. (July, 1999). *Which speakers are most disfluent in conversation and when?* 1st Annual Speech Disfluency Satellite Conference of the International Congress of Phonetic Sciences, Berkeley, CA.
- McGlone, M., & Bortfeld, H. (March, 1999). *The continuum of metaphor processing*. Artificial Intelligence and Simulation of Behavior: Symposium on Metaphor, Artificial Intelligence, and Cognition, Edinburgh, Scotland.
- Bortfeld, H., & Morgan, J. (October, 1998). *Multiple sources of stress in infant-directed speech*. Sound Patterns of Spontaneous Speech: Production and Perception, Aix-en-Provence, France.
- Bortfeld, H., & Morgan, J. (November, 1998). *Disentangling multiple sources of stress in infant-directed speech*. 23rd Annual Boston University Conference on Language Development, Boston, MA.
- Bortfeld, H. (November, 1997). *A cross-linguistic analysis of idiom comprehension by native and non-native speakers*. Dissertation Abstracts International, State University of New York, Stony Brook.
- Bortfeld, H., & Brennan, S. (August, 1996). *Use of idiomatic referring expressions during conversations between native and non-native speakers*. 6th Annual Conference and Meeting of the Society for Text and Discourse Processing, San Diego, CA.

Bortfeld, H. (July, 1996). *Are Latvian idioms motivated by universal conceptual metaphors?* 5th Annual Conference on Baltic Studies, Waltham, MA.

Bortfeld, H., & Brennan, S. (November, 1994). *Lexical choice and language acquisition during conversations between native and non-native speakers.* 19th Annual Boston University Conference on Language Development, Boston, MA.

Bortfeld, H., & Brennan, S. (October, 1994). *Lexical entrainment: Evidence of shifting lexical choice between native and non-native speakers.* 18th Annual Penn Linguistics Colloquium, Philadelphia, PA.

Bortfeld, H. (June, 1992). *Student/teacher interaction in traditional Mexican classrooms: Three case studies in Morelia, Michoacan.* La Universidad Nacional Autonoma de Mexico/University of California: Symposium on Study and Field Work, Mexico City, Mexico.

TEACHING BACKGROUND

- 2002-present **Texas A&M University, Department of Psychology**
Assistant Professor
 Survey of Interdisciplinary Research (Texas A&M Honors College)
 Developmental Psychology (Undergraduate Division)
 Human Cognitive Processes (Undergraduate Division)
 Human Cognitive Processes (Undergraduate Honors Division)
 Sensation and Perception (Undergraduate Honors Division)
 Perceptual Processes (Graduate Division)
 Cognition (Graduate Division)
 Neuroscience and Architecture (Graduate Division)
 —jointly with Dr. Louis Tassinary, Dept. of Architecture
- 1998-2002 **Brown University, Department of Cognitive and Linguistic Sciences**
Visiting Assistant Professor
 Approaches to the Mind: Introduction to Cognitive Science
 Children's Thinking: The Nature of Cognitive Development
Visiting Summer Instructor
 Children's Thinking: The Nature of Cognitive Development
- 1992-1998 **State University of New York, Stony Brook, Department of Psychology**
Instructor
 Sensation and Perception
 Cognitive Psychology
 Experimental Research Methods Lab
Teaching Assistant
 Cognitive Psychology
 Sensation and Perception
 Human Factors Lab
- 1994-1995 **University of Latvia**
Visiting Instructor, Department of Psychology
 Cognitive Psychology: Foundations (Graduate Division)
Visiting Instructor, Department of Philology

Conversational English: Methods for Instructors (Graduate Division)
Visiting Instructor, Department of Philology
 Principles of Idiomatic English

STUDENT SUPERVISION

Dissertation Supervision

Eric Wruck, “Applying near-infrared spectroscopy to the study of speech perception in infants”
 (May, 2005)

Thesis Supervision

Eswen Fava, “Identifying Cortical Specialization for Music Processing in Preverbal Infants”
 (February, 2008)

Randy Sappington, “The time course of discourse priming in the interpretation of conceptual combinations” (August, 2005)

Graduate Committees

Thesis: Jennifer Armstrong (in progress); Christine Schwartz (2007); Benjamin Packard (2006); Hsin-Chin Chen (2006); Marco Zavala (2005); Rebecca Woods (2004); Francisco Martinez (2004); Suzannah Creech (2004); Upali Nanda (2004)

Dissertation: Christine Schwartz (in progress); Chaitra Rao (in progress); Suzannah Creech (2007); Hsin-Chin Chen (2007); Rebecca Woods (2006); Marco Zavala (2006); Upali Nanda (2005); David Gerken (2004); Missy Patterson (2004);

Student Honors and Distinctions

Advisor, First Year Student Research Award, Eswen Fava (2006)

Advisor, Research and Presentation Grant, Association of Former Students, Eswen Fava (2006)

Advisor, Student Research Week, First Place Poster Award, Randy Sappington (2004)

Advisor, Department of Psychology Travel Award, Randy Sappington (2004)

SERVICE

UNIVERSITY

2007-present	<i>Member</i> Faculty of Neuroscience
	<i>Curriculum Committee Member</i> Interdisciplinary Neuroscience Program
	<i>Selection Committee Member</i> University Scholars Program
2007	<i>Guest Speaker</i> Pizza and Profs: Psychology Club Speaker Series

- 2006-present *Lecturer*
Principles of Neuroscience II (Annually): BIOL/PSYC/VAPH/MSCI
- 2006 *Member-Nomination Committee*
Women's Faculty Network Steering Committee
- Judge-Graduate Student Poster Competition*
Faculty of Neuroscience Spring Symposium
- 2004-present *Executive Committee Member*
Institutional Review Board,
Office of the Vice President for Research
Texas A&M University
- NATIONAL
- Invited Reviewer*
1st edition of *Sensation & Perception*
Jeremy Wolfe (Harvard University Medical School)
Keith Kluender (University of Wisconsin, Madison)
Dennis Levi (University of California, Berkeley)
Linda Bartoshuk (Yale University)
Rachel Herz (Brown University Medical School)
Roberta Klatzky (Carnegie Mellon University)
Susan Lederman (Queens University)
- Invited Reviewer*
7th edition of *Cognition*
Margaret Matlin(State University of New York, Geneseo)
- 2007-present *Editorial Board Member*
Open Neuroimaging Journal
- 2006-present *Grant Review Standing Panel Member*
United States Department of Education, Institute for Education Sciences
Reading and Writing Education Research
- 2004-2006 *Grant Review Panel Member*
United States Department of Education, Institute for Education Sciences
Reading and Writing Education Research (October, 2006)
Language and Vocabulary Development Special Education Research
(February, 2006)
Language and Vocabulary Development Special Education Research
(October, 2005)
Cognition and Student Learning Education Research (March, 2005)
Reading and Writing Education Research (October, 2004)
- 2002-present *Editorial Board Member*

- Discourse Processes
- 1997-present *Ad Hoc Reviewer*
 Applied Psycholinguistics
 Behavioral and Brain Sciences
 Brain and Cognition
 Cerebral Cortex
 Child Development
 Cognition
 Cognitive Science
 Developmental Neurobiology
 Developmental Psychology
 Discourse Processes
 Infancy
 Journal of Experimental Psychology: General
 Journal of Experimental Psychology: Learning, Memory, & Cognition
 Journal of Memory and Language
 Language and Cognitive Processes
 Language Learning and Development
 Memory and Cognition
 Metaphor and Symbol
 Neuropsychopharmacology
 Neuroscience Letters
 Psychological Science
 Psychonomic Bulletin and Review
 Trends in Cognitive Sciences
- 1995-1997 *Graduate Student Representative*
 Department of Psychology Advisory Committee, State University of New York,
 Stony Brook

PROFESSIONAL AFFILIATIONS

American Psychological Society
 Psychonomic Society
 Cognitive Science Society
 International Society for Infant Studies
 Society for Neuroscience
 Society for Physiological Research
 Society for Research on Child Development
 Society for Text and Discourse

CROSS-LINGUISTIC RESEARCH: LANGUAGES OF INTEREST

Mandarin, Latvian, Spanish

LANGUAGE BACKGROUND

Spanish, Latvian

Native speaker of English

MEDIA EXPOSURE

“Near-infrared speech in babies”

(Spectroscopy Now, 11/01/2006)

“Shedding light on babies’ brains”

(Nature Network, Boston, 09/19/2006)

“Ages + Stages: That’s my name!”

(Parenting Magazine, 06/01/2006)

“Times Online: Babies use their own names to help to understand language”

(The Times, London, 10/07/2005)

“Los bebés usan sus nombres para aprender el lenguaje”

(Solo Ciencia, Spain, 06/01/2005)

“Babies get hooked on their names, learn to talk”

(The Atlanta Journal-Constitution, Bill Hendrick, 05/08/2005)

“Baby’s little secret”

(The Los Angeles Times, Editorial, 05/05/2005)

“Baby names names”

(The San Diego Tribune, 03/30/2005)

“Babys hangeln sich von Wort zu Wort”

(TagesNews, Germany, 03/01/05)

“Wie sich Babys im Sprachfluss zurechtfinden”

(Bild der Wissenschaft, Germany, 02/28/05)

“Think tank: Just like, er, words, not, um, throwaways”

(The New York Times, Michael Erard, 01/03/04)

“Babies use their names as key to learning language”

(Reuters, 6/28/02)

Featured on:

ABC Nightly News

Discovery Health Channel

Health Talk with Dr. Martin