

# Curriculum Vitae for Tessa Bent

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## **Education**

- PhD, 2005: Department of Linguistics, Northwestern University (Evanston, IL)  
Dissertation title: The perception and production of non-native prosodic categories  
Committee: Ann Bradlow, Janet Pierrehumbert, Beverly Wright, Bruce Smith
- B.A., 1998: English. Millersville University (Millersville, PA)  
Specialization: Linguistics  
Minor: Psychology

## **Positions held**

- 2008 – present      **Assistant professor**, Department of Speech and Hearing Sciences, Indiana University
- 2005 – 2008      **Postdoctoral fellow**, Department of Psychological and Brain Sciences, Indiana University
- 2000, 2001      **Assistant Director** of the International Summer Institute at Northwestern University
- 2001      **Assistant Director** of the English as a Second Language Program at Northwestern University

## **Teaching experience**

### *Indiana University*

Phonetics for Speech and Hearing Sciences, scheduled for Fall 2009  
Survey of Communication Disorders, Fall 2008, Spring 2009  
Survey of Children's Language Development, Fall 2008, scheduled for Fall 2009

### *Northwestern University, Department of Linguistics*

Child Language, Summer 2003  
Spoken English for Non-Native Speakers: Intonation and Pronunciation, Fall 2000  
Teaching Assistant for Language and Gender, Spring 2000  
Spoken English for Non-Native Speakers: Conversation and Fluency, Winter 2000

## Advising

2009 – present	Jungsung Kim, Ph.D. thesis committee member
2008 – present	Chung-Lin Yang, outside member for advisory committee
2008 – present	Chisato Kojima, outside member for advisory committee
2008 – present	Yen-Chen Hao, outside member for advisory committee
2003, 2004	Culture, Language and Cognition Program, Northwestern University, Graduate student mentor for NSF Undergraduate Research program

## Grants

In revision	N.I.H./N.I.D.C.D. Exploratory/Developmental Grant R21 Title: Children's perception of foreign-accented speech Tessa Bent, Principal Investigator; Rachael Holt, Consultant
Submitted	Faculty Research Support Program (FRSP) from Indiana University Title: Foreign-accented speech database for children Tessa Bent, Principal Investigator
2003-2005	N.I.H./ N.I.D.C.D. Ruth L. Kirschstein Individual National Research Service Award, F31 Pre-doctoral fellowship Title: Non-native suprasegmentals: Perception and production. Tessa Bent, Principal Investigator; Ann Bradlow, Sponsor
2002	Graduate Research Grant from Northwestern University to meet expenses related to dissertation research including payments for research participants
2001	Sigma Xi Grant-in-Aid of Research used to pay research participants for research on speech and non-speech perception

## Fellowships and Awards

2008	Young Investigator Travel Grant, Acoustic Society of America
2005-2008	N.I.H. Post-Doctoral Fellowship in Speech Sciences awarded to Indiana University, Research with Drs. Pisoni, Kewley-Port and Holt
2003-2004	Dissertation Year Fellowship from Northwestern University (declined to accept N.R.S.A.)
2003	Northwestern University Alumnae Dissertation Recognition Award for a dissertation proposal of special merit
2001-2002	Cognitive Science Graduate Fellowship for Interdisciplinary Research, Fellowship to Northwestern University, Department of Linguistics, 1998-1999
1998	Frank Heavner Memorial Award for Linguistics from Millersville University, awarded to the English major with the highest average in linguistics courses

## Research Interests

- Perceptual learning
- Speech intelligibility
- Hearing loss and cochlear implants
- Perception of foreign-accented speech

## Publications

### Refereed Articles

- Holt, R. F., **Bent, T.** and Hernandez, L. (submitted). The effects of color spectrum on visual and audiovisual spoken word recognition. *Language and Speech*.
- Bent, T.**, Loebach, J. L., Phillips, L., and Pisoni, D. B. (submitted). Perceptual adaptation to sinewave-vocoded speech across languages. *Journal of Experimental Psychology: Human Perception and Performance*.
- Bent, T.**, Buchwald, A. and Pisoni, D. B. (under review). Perceptual Adaptation and Intelligibility of Multiple Talkers for Two Types of Degraded Speech. *Journal of the Acoustical Society of America*.
- Hayes-Harb, R., Smith, B. L., **Bent, T.**, and Bradlow, A. R. (2008). Production and Perception of Final Voiced and Voiceless Consonants by Native English and Native Mandarin Speakers: Implications Regarding the Interlanguage Speech Intelligibility Benefit. *Journal of Phonetics*. 36 (4), 664-679.
- Bent, T.**, Bradlow, A. R., and Smith, B.L. (2008). Production and Perception of Temporal Patterns in Native and Non-Native Speech. *Phonetica*. 65 (3), 131-147.
- Loebach, J. L., **Bent, T.** and Pisoni, D. B. (2008). Multiple routes to perceptual learning. *Journal of the Acoustical Society of America*. 124 (1), 552-561.
- Bradlow, A. R. and **Bent, T.** (2008). Perceptual adaptation to non-native speech. *Cognition*. 106, 707-729.
- Bent, T.**, Bradlow, A. R. and Wright, B. (2006). The influence of linguistic experience on the cognitive processing of pitch in speech and non-speech sounds. *Journal of Experimental Psychology: Human Perception and Performance*. 32(1), 97-103.
- Wright, S., Hay, J. and **Bent, T.** (2005) Ladies first? Phonology, frequency, and the name ordering conspiracy. *Linguistics*. Vol. 43, No. 3, 531-561.
- Pierrehumbert, J., **Bent, T.**, Munson, B., Bradlow, A. R. and Bailey, M. (2004). The Influence of Sexual Orientation on Vowel Production. *Journal of the Acoustical Society of America*. 116 (4), 1905-1908.
- Bent, T.** and Bradlow, A. R. (2003). The interlanguage speech intelligibility benefit. *Journal of the Acoustical Society of America*. 114 (3), 1600-1610.
- Bradlow, A. R., and **Bent, T.** (2002). The clear speech effect for non-native listeners. *Journal of the Acoustical Society of America*. 112 (1), 272-284.

### Book Chapters

- Bent, T.** and Pisoni, D. B. (2008). Comparisons in perception between speech and non-speech signals. In Ball, M. J., Perkins, M. R., Muller, N., & Howard, S. (Eds.), *Handbook of Clinical Linguistics*. Malden, MA: Blackwell. Pp. 400-411.
- Bent, T.**, Bradlow, A. R. and Smith, B. L. (2007). Segmental errors in different word positions and their effects on intelligibility of non-native speech: All's well that begins well. In Munro, M. and Bohn, O.-S. (Eds.), *Language Experience in Second Language Speech Learning: In honor of James Emil Flege*. Amsterdam: John Benjamins. Pp. 331-347.

## Proceedings and Progress Reports

- Bent, T.**, Buchwald, A. and Alford, W. (2007). Inter-talker differences in intelligibility for two types of degraded speech. In *Research on Spoken Language Processing Progress Report*, 28, Bloomington, IN: Speech Research Laboratory, Indiana University.
- Loebach, J. L., **Bent, T.** and Bauernschmidt, A. N. (2007). Multiple routes to perceptual learning. In *Research on Spoken Language Processing Progress Report*, 28, Bloomington, IN: Speech Research Laboratory, Indiana University.
- Buchwald, A.B., **Bent, T.**, Conway, C.M., Levi, S.V. & Loebach, J.L. (2007). New directions in speech research. In *Research on Spoken Language Processing Progress Report* No. 28. Bloomington, IN: Speech Research Laboratory, Indiana University.
- Bradlow, A. R. and **Bent, T.** (2003). Listener adaptation to foreign accented English. In M. J. Sole, D. Recasens, & J. Romero (Eds.), *Proceedings of the XVth International Congress of Phonetic Sciences*, Barcelona, Spain, Pp. 2881-2884.
- Smith, B., Bradlow, A. R., and **Bent, T.** (2003). Production and perception of temporal contrasts in foreign accented English. In M. J. Sole, D. Recasens, & J. Romero (Eds.), *Proceedings of the XVth International Congress of Phonetic Sciences*, Barcelona, Spain, Pp. 519-522

## Presentations

### Invited Talks

- 2007 **Bent, T.**, Ferguson, S. H., and Kewley-Port, D. Listener influences on vowel intelligibility. Invited talk for a special session on “Speech Intelligibility and the Vowel Space”. *Journal of the Acoustical Society of America*, 122 (5), Pt. 2, 3016.
- 2006 **Bent, T.** Assessing intelligibility: Talker-, listener- and listening condition-factors. Department of Speech, Language and Hearing Sciences, Purdue University, West Lafayette, IN, for doctoral seminar series
- 2003 **Bent, T.** The interlanguage speech intelligibility benefit : When two “wrongs” can make a right. Department of Psychology, Indiana University, Bloomington, IN, for training fellowship series

### Published abstracts

- 2009 **Bent, T.**, Loebach, J. L., Phillips, L. and Pisoni, D. B. Perceptual adaptation to sinewave-vocoded speech across languages. *Journal of the Acoustical Society of America*.
- 2009 Holt, R.F., **Bent, T.**, and Hernandez, L. Color effects in audiovisual spoken word recognition. *Journal of the Acoustical Society of America*.
- 2008 **Bent, T.** and Kewley-Port, D. The influence of signal-to-noise ratio and listener’s native language on vowel intelligibility. *Journal of the Acoustical Society of America*. 124 (4), Pt. 2, 2595.
- 2006 **Bent, T.**, Buchwald, A. B., and Pisoni, D. B. Inter-talker differences in intelligibility of cochlear-implant simulated speech. *Journal of the Acoustical Society of America*, 120 (5), Pt. 2, 3291.
- 2006 Hayes-Harb, R., Smith, B. L., **Bent, T.**, and Bradlow, A. R. Relationships between intelligibility of voicing contrasts and acoustic properties of native English and Mandarin-accented English. *Journal of the Acoustical Society of America*, 120 (5), Pt. 2, 3174.
- 2005 **Bent, T.** Perception of coarticulated tones by non-native listeners. *Journal of the Acoustical Society of America*, 117 (4), Pt. 2, 2426.

## Published abstracts continued

- 2004 **Bent, T.** Mandarin and English listeners' perception of Mandarin tones in isolation and in context. *Journal of the Acoustical Society of America*. 116 (4), Pt. 2, 2573.
- 2004 Nissen, S. L. Smith, B. L., Bradlow, A. R., and **Bent, T.** Accuracy and variability in vowel targets produced by native and non-native speakers of English. *Journal of the Acoustical Society of America*. 116 (4), Pt. 2, 2604.
- 2004 **Bent, T.**, Bradlow, A. R., and Smith, B. Production and perception of a temporal contrast by native and non-native speakers. *Journal of the Acoustical Society of America*, 115 (5), Pt. 2, 2391.
- 2003 **Bent, T.**, Bradlow, A. R., and Wright, B. The influence of linguistic experience on pitch perception in speech and non-speech sounds. *Journal of the Acoustical Society of America*. 113 (4), Pt. 2, 2256.
- 2002 Smith, B., Bradlow, A. R., and **Bent, T.** Temporal characteristics of Chinese-accented English: Preliminary findings. *Journal of the Acoustical Society of America*. 112 (5), Pt. 2, 2250.
- 2002 **Bent, T.** and Bradlow, A. R. Interlanguage intelligibility benefit as a function of talker and listener language background and L2 proficiency. *Journal of the Acoustical Society of America*, 111 (5), Pt. 2, 2362.
- 2001 **Bent, T.**, Smith, B., Lodewyck, D., and Bradlow, A. R. Non-native speech production II: Phonemic errors by position-in-word and intelligibility. *Journal of the Acoustical Society of America*, 110 (5), Pt. 2, 2684.
- 2001 Bradlow, A. R. and **Bent, T.** Non-native speech production I: Listener-talker adaptation. *Journal of the Acoustical Society of America*, 110 (5), Pt. 2, 2684.
- 2001 **Bent, T.** Interlanguage benefit for non-native speaker intelligibility. *Journal of the Acoustical Society of America*, 109(5), Pt. 2, 2472.
- 2001 Bradlow, A. R., **Bent, T.**, and Schwarzlose, B. Speaking clearly for non-native listeners. *Journal of the Acoustical Society of America*, 109(5), Pt. 2, 2473.

## Contributed Presentations

- 2009 Bergeson, T. R., Till, S., and **Bent, T.** Perception of indexical information in infant-directed speech using cochlear implant simulations. Society for Research on Child Development Biannual Meeting, Denver, CO.
- 2008 Loebach, J.L., **Bent, T.**, Peterson, N., Hay-McCutcheon, M. and Pisoni, D.B. The perception of speech and environmental sounds by normal hearing listeners and cochlear implant users. 31st Annual Midwinter Meeting of the Association for Research in Otolaryngology, Phoenix, AZ.
- 2007 Loebach, J.L., **Bent, T.** and Pisoni, D. B. Adaptation to Cochlear implant simulated speech: Multiple of routes to perceptual learning. Conference on Implantable Auditory Prostheses, Lake Tahoe, CA June 15-20.
- 2007 **Bent, T.** Production of non-native prosodic categories. Annual meeting of the Linguistics Society of America, Anaheim, CA, January, 4-7.
- 2005 Smith, B. L., DeMille, D., Roberts, A., Bradlow, A. R. and **Bent, T.** Final consonant devoicing in voiced targets produced by native and non-native speakers of English. Presented at the 1st ASA Workshop on Second Language Speech Learning, Vancouver, Canada.

## Contributed Presentations continued

- 2003 Wright, S., Hay, J., and **Bent, T.** Anthony and Cleopatra: A gendered frequency effect and the naming conspiracy. Annual meeting of the Linguistics Society of America, Atlanta, GA, January 2-5.
- 2002 **Bent, T.**, Pierrehumbert, J., and Bailey, M. The acoustics of lesbian vowels and the perception of women's sexual orientation. McWOP8, Bloomington, IN, October 25-27.
- 2002 **Bent, T.**, Wright, S., and Hay, J. Elvis and Priscilla: The phonological conspiracy deepens. Annual meeting of the Linguistics Society of America, San Francisco, CA, January 3-6.
- 2001 **Bent, T.** The effect of classifiers in L1 on categorization in L2. Annual Meeting of the International Association of Chinese Linguistics & North American Conference on Chinese Linguistics, Irvine, CA, June 2001.

## Popular Press Descriptions of Academic Publications

Ball, P. (2003, September 8). Accents have advantages. Nature's ScienceUpdate. [www.nature.com]

Accent no barrier to understanding. (Sept. 11, 2003) The Guardian.

Svoboda, E. (2003, December). Know what I'm saying? Mais oui! *Discover*. 24 (12), pg. 14.

Bihl, C. (2004, March) Trahis par la derniere consonne. *National Geographic*, French edition.

Harris, M. (2004, October 23) Researchers claim gay accent is a reality: Distinctive vowel pronunciation learned, not genetic. National Post. pg. A2.

## Professional Membership

- Acoustical Society of America
- International Phonetic Association
- Linguistics Society of America

## Professional Service

- Acoustical Society of America
  - Speech Communication technical committee member (2002-2005; 2007-present)
  - Student council representative for Speech Communication (2002-2005)
- Ad hoc reviewer for *Cognition*, *Journal of Phonetics*, *Speech Communication*, *Journal of the Acoustical Society of America*, *Bilingualism: Language and Cognition*, *Journal of Speech, Language, and Hearing Research*, *LabPhonII* and *Acta Psychologica*
- Ad hoc grant reviewer for the National Science Foundation (2006-2008)
- Mid-Continental Workshop on Phonology, organizing committee (2004)
- Culture, Language and Cognition Program, Northwestern University, Linguistics graduate student representative (2003)
- Cognitive Science Committee, Northwestern University, member (AY 2001-2002)
- Department of Linguistics, Northwestern University
  - Subject pool coordinator (2002 - 2005)
  - Noon Colloquia co-organizer (AY 2001 - 2002)
  - Graduate Student Representative (AY 2000 - 2001)

## References

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