

III. Publications

ARTICLES PUBLISHED:

- Bergeson, T.R., Pisoni, D.B., & Davis, R.A.O. (2003). A longitudinal study of audiovisual speech perception by children with hearing loss who have cochlear implants. *Volta Review*, *103*, 347-370.
- Burkholder, R.A. & Pisoni, D.B. (2003). Speech timing and working memory in profoundly deaf children after cochlear implantation. *Journal of Experimental Child Psychology*, *85*, 63-88.
- Carter, A., Dillon, C., & Pisoni, D. (2002). Imitation of nonwords by hearing impaired children with cochlear implants: Suprasegmental analyses. *Clinical Linguistics and Phonetics*, *16*, 619-638.
- Cleary, M., Pisoni, D.B. & Kirk, K.I. (2002). Working memory spans as predictors of word recognition and receptive vocabulary in children with cochlear implants. *Volta Review*, *102*, 259-280.
- Clopper, C.G. & Pisoni, D.B. (2004). Some acoustic cues for the perceptual categorization of American English regional dialects. *Journal of Phonetics*, *32*, 111-140.
- Clopper, C.G & Pisoni, D.B. (2004). Homebodies and Army brats: Some effects of early linguistic experience and residential history on dialect categorization. *Language Variation and Change*, *16*, 31-48.
- Dillon, C.M., Cleary, M., Pisoni, D.B. & Carter, A.K. (2004). Imitation of nonwords by hearing-impaired children with cochlear implants: Segmental analyses. *Clinical Linguistics and Phonetics*, *18*, 39-55.
- Dillon, C.M., Pisoni, D.B., Cleary, M., and Carter, A.K. (2004). Nonword imitation by children with cochlear implants: Consonant analyses. *Archives of Otolaryngology -Head & Neck Surgery*, *130*, 587-591.
- Goh, W.D. & Pisoni, D.B. (2003). Effects of lexical neighborhoods on immediate memory span for spoken words. *Quarterly Journal of Experimental Psychology*, *56A*, 929-954.
- Herman, R. & Pisoni, D.B. (2002). Perception of “elliptical speech” following cochlear implantation: Use of broad phonetic categories in speech perception. *Volta Review*, *102*, 321-347.
- Houston, Pisoni, D.B., Kirk, K.I., Ying, E.A. & Miyamoto, R.T. (2003). Speech perception skills of deaf children following cochlear implantation: A first report. *International Journal of Pediatric Otorhinolaryngology*, *67*, 479-495.
- Houston, D.M., Ying, E.A., Pisoni, D.B. & Kirk, K.I. (2003). Development of pre word-learning skills in infants with cochlear implants. *Volta Review*, *103*, 303-326.

- Kaiser, A.R., Kirk, K.I., Lachs, L. & Pisoni, D.B. (2003). Talker and lexical effects on audiovisual word recognition by adults with cochlear implants. *Journal of Speech-Language-Hearing Research, 46*, 390-404.
- Lachs, L. & Pisoni, D.B. (2004). Crossmodal source information and spoken word recognition. *Journal of Experimental Psychology: Human Perception and Performance, 30*, 378-396.
- Lachs, L. & Pisoni, D.B. (2004). Specification of crossmodal source information in isolated kinematic displays of speech. *Journal of the Acoustical Society of America, 116*, 507-518.
- Lachs, L., Weiss, J.W. & Pisoni, D.B. (2002). Use of partial information by cochlear implant patients and normal-hearing listeners in identifying spoken words: Some preliminary analyses. *Volta Review, 102*, 303-320.
- Meyer, T.A., Frisch, S.A., Pisoni, D.B., Miyamoto, R.T., & Svirsky, M.A. (2003). Modeling open-set spoken word recognition in postlingually deafened adults after cochlear implantation: Some preliminary results with the Neighborhood Activation Model. *Otology & Neurotology, 24*, 612-620.
- Pisoni, D.B., & Cleary, M. (2003). Measures of working memory span and verbal rehearsal speed in deaf children following cochlear implantation. *Ear & Hearing, 24*, 106S-120S.
- Roediger, H.L., III, McDermott, K.B., Pisoni, D.B. & Gallo, D.A. (2004). Illusory recollection of voices. *Memory, 12*, 586-602.
- Sheffert, S.M., Pisoni, D.B., Fellowes, J.M. & Remez, R.E. (2002). Learning to recognize talkers from natural, sinewave and reversed speech samples. *Journal of Experimental Psychology: Human Perception and Performance, 28*, 1447-1469.
- Sheffert, S.M. & Shiffrin, R.M. (2003). Auditory “registration without learning.” *Journal of Experimental Psychology: Learning, Memory and Cognition, 29*, 10-21.
- Vitevitch, M.S. (2003). Change Deafness: The inability to detect changes between two voices. *Journal of Experimental Psychology: Human Perception and Performance 29*, 333-342.
- Vitevitch, M.S. (2002). The influences of phonological similarity neighborhoods on speech perception. *Journal of Experimental Psychology: Learning, Memory and Cognition, 28*, 735-747.
- Vitevitch, M.S., Pisoni, D.B, Kirk, K.I., Hay-McCutcheon, M. & Yount, S.L. (2002) Effects of phonotactic probabilities on the processing of spoken words and nonwords by postlingually deafened adults with cochlear implants. *Volta Review, 102*, 283-302.
- Vitevitch, M.S. & Sommers, M. (2003). The facilitative influence of phonological similarity and neighborhood frequency in speech production in younger and older adults. *Memory & Cognition, 31*, 491-504.
- Wong, D., Pisoni, D.B., Learn, J., Gandour, J.T., Miyamoto, R.T. & Hutchins, G.D. (2002). Differential cortical activation to monaural speech and nonspeech stimuli: A PET imaging study. *Hearing Research, 166*, 9-23.

BOOK CHAPTERS PUBLISHED:

- Bergeson, T.R. & Pisoni, D.B. (2004). Audiovisual speech perception in deaf adults and children following cochlear implantation. In G. Calvert, C. Spence & B.E. Stein (Eds.), *Handbook of Multisensory Processes*. MIT Press. Pp. 749-772.
- Cleary, M. & Pisoni, D.B. (2003). Speech Perception. In L. Nadel (Ed.), *Encyclopedia of Cognitive Science Vol. 4*. London, UK: Macmillan. Pp. 163-169.
- Houston, D.M. & Pisoni, D.B. (2002). Early speech perception and language development in normal-hearing and deaf infants following cochlear implantation. In K.T. Houston (Ed.), *The Role of Audition in Spoken Language*. Washington, DC: Alexander Graham Bell. Pp. 5-8.
- Lachs, L., McMichael, K. & Pisoni, D.B. (2003). Speech perception and implicit memory: Evidence for detailed episodic encoding of phonetic events. In J. Bowers & C. Marsolek (Eds.), *Rethinking implicit memory*. Oxford: Oxford University Press. Pp. 215-235.
- Pisoni, D.B. & Cleary, M. (2004). Learning, memory and cognitive processes in deaf children following cochlear implantation. In F.G. Zeng, A.N. Popper & R.R. Fay (Eds.), *Springer Handbook of Auditory Research: Auditory Prosthesis, SHAR Volume X*. Pp. 377-426.

PROCEEDINGS PUBLISHED:

- Bergeson, T.R., Pisoni, D.B., & Davis, R.A.O. (2003). A longitudinal study of audiovisual speech perception by prelingually deaf children with cochlear implants. In M.J. Solé, D. Recasens, & J. Romero (Eds.), *Proceedings of the 15th International Congress of Phonetic Sciences* (pp. 139-142). Adelaide, Australia: Causal Productions.
- Bergeson, T.R., Pisoni, D.B., Lachs, L., & Reese, L. (2003). Audiovisual integration of point light displays of speech by deaf adults following cochlear implantation. In M.J. Solé, D. Recasens, & J. Romero (Eds.), *Proceedings of the 15th International Congress of Phonetic Sciences* (pp. 1469-1472). Adelaide, Australia: Causal Productions.
- Bergeson, T.R., Pisoni, D.B., & Reynolds, J.T. (2003). Perception of point light displays of speech by normal-hearing adults and deaf adults with cochlear implants. In J.L. Schwartz, F. Berthommier, M.A. Cathiard, & Sodoyer (Eds.), *Proceedings of Audio Visual Speech Processing 2003* (pp. 55-60). Grenoble, France: Institut de la Communication Parlée, CNRS UMR 5009, INP Grenoble, Université Stendhal.
- Conrey, B.L. & Pisoni, D.B. (2003). Audiovisual asynchrony detection for speech and nonspeech signals. In J.L. Schwartz, F. Berthommier, M.A. Cathiard, & Sodoyer (Eds.), *Proceedings of Audio Visual Speech Processing 2003* (pp. 25-30). Grenoble, France: Institut de la Communication Parlée, CNRS UMR 5009, INP Grenoble, Université Stendhal.
- Kirk, K.I., Pisoni, D.B. & Lachs, L. (2002). Audiovisual integration of speech by children and adults with cochlear implants. *Proceedings of the 7th International Conference on Spoken Language Processing*, 1689-1692.

MANUSCRIPTS ACCEPTED FOR PUBLICATION (IN PRESS):

- Burkholder, R.A., & Pisoni, D.B. (In press). Working memory capacity, verbal rehearsal speed, and scanning in deaf children with cochlear implants. In P.E. Spencer & M. Marschark (Eds.), *Advances in the Development of Spoken Language by Deaf Children*. Oxford University Press.
- Cleary, M., Pisoni, D.B. & Kirk, K.I. (In press). Influence of voice similarity on talker discrimination in normal-hearing children and hearing-impaired children with cochlear implants. *Journal of Speech, Language, and Hearing Research*.
- Clopper, C.G., Conrey, B.L. & Pisoni, D.B. (In press). Effects of talker gender on dialect categorization. *Journal of Language and Social Psychology*.
- Clopper, C.G. & Pisoni, D.B. (In press). Speech perception, hearing impairment, and linguistic variation. In M.J. Ball (Ed.), *Clinical Sociolinguistics*. Blackwell Publishers.
- Clopper, C.G. & Pisoni, D.B. (In press). Some new experiments on perceptual categorization of dialect variation in American English: Acoustic analysis and linguistic experience. In N. Neidzielski (Ed.), *Speech perception in context: Beyond acoustic pattern matching*. Erlbaum.
- Clopper, C.G. & Pisoni, D.B. (In press). Perception of dialect variation: Some implications for current research and theory in speech perception. In D.B. Pisoni & R.E. Remez (Eds.), *Handbook of Speech Perception*. Blackwell Publishers.
- Clopper, C.G. & Pisoni, D.B. (In press). Perceptual learning of dialects. *Language and Speech*.
- Dillon, C.M., Burkholder, R.A., Cleary, M. & Pisoni, D.B. (In press). Nonword repetition by children with cochlear implants: Accuracy ratings from normal-hearing listeners. *Journal of Speech, Language and Hearing Research*.
- Karpicke, J & Pisoni, D.B. (In press). Using immediate memory span to measure implicit learning. *Memory & Cognition*.
- Lachs, L. & Pisoni, D.B. (In press). Crossmodal source identification in speech perception. *Ecological Psychology*.
- Meyer, T.A., Pisoni, D.B., Luce, P.A. & Bilger, R.C. (In press). An analysis of the psychometric and lexical neighborhood properties of the spondaic words. *Journal of the American Academy of Audiology*.
- Pisoni, D.B. (In press). Speech perception in deaf children with cochlear implants. In D.B. Pisoni & R.E. Remez (Eds.), *Handbook of Speech Perception*. Blackwell Publishers.
- Teoh, S.W., Pisoni, D.B. & Miyamoto, R.T. (In press). Cochlear implantation in adults with prelingual deafness: I. Clinical results. *Laryngoscope*.
- Teoh, S.W., Pisoni, D.B. & Miyamoto, R.T. (In press). Cochlear implantation in adults with prelingual deafness: II. Underlying constraints that affect audiological outcomes. *Laryngoscope*.

MANUSCRIPTS SUBMITTED:

- Bergeson, T., Pisoni, D.B. & Davis, R.B.O. (Submitted). Development of audiovisual comprehension skills in prelingually deaf children with cochlear implants. *Ear & Hearing*.
- Conrey, B.L. & Pisoni, D.B. (Submitted). Detection of auditory-visual asynchrony in speech and nonspeech signals. *Cognitive Brain Research*.
- Cummings, K.E., Chin, S.B. & Pisoni, D.B. (Submitted). Perturbation of speech after consumption of alcohol. *Journal of Phonetics*.
- Harnsberger, J.D., Wright, R. & Pisoni, D.B. (Submitted). Effects of speaking style on the perceptual learning of novel voices: A first report. *Phonetica*.
- Horn, D.L., Davis, R.A.O., Pisoni, D.B. & Miyamoto, R.T. (Submitted). Development of visual attention skills in prelingually deaf children who use cochlear implants. *Ear & Hearing*.
- Horn, D.L., Davis, R.A.O., Pisoni, D.B. & Miyamoto, R.T. (Submitted). Behavioral inhibition and clinical outcomes in children with cochlear implants. *Laryngoscope*.
- Houston, D.M., Carter, A.K., Pisoni, D.B., Kirk, K.I., Ying, E.A. (Submitted). Name-learning skills of deaf children following cochlear implantation: A first report. *Volta Review*.
- McMichael, K.H. & Pisoni, D.B. (Under revision). Effects of talker-specific encoding on recognition memory for spoken sentences. *Memory & Cognition*.
- Tierney, A.T. & Pisoni, D.B. (Submitted). Some effects of early musical experience on sequence memory spans. *Neuropsychologia*.