

## IV. Publications

### ARTICLES PUBLISHED:

- AMOS, N.E., AND HUMES, L.E. (1998). SCAN test-retest reliability for first- and third-grade children. *Journal of Speech, Language, and Hearing Research*, 41, 834-845.
- BILGER, R.C., MATTHIES, M.L., MEYER, T.A., & GRIFFITHS, S.K. (1998). Psychometric equivalence of recorded spondaic words as test items. *Journal of Speech, Language, and Hearing Research*, 41, 516-526.
- FORREST, K., NYGAARD, L., PISONI, D.B. & SIEMERS, E. (1998). The effects of speaking rate on word identification in Parkinson's disease and normal aging. *Journal of Medical Speech-Language Pathology*, 6, 1-12.
- FRISCH, S. (1998). Review of Speech Lab, PC software on CD-ROM. *GLOT International* 3.4: 24-25.
- FRISCH, S. (1998). Review of Win-SAL, PC software on CD-ROM. *GLOT International* 3.5: 25.
- LUCE, P.A. & PISONI, D.B. (1998). Recognizing spoken words: the Neighborhood Activation Model. *Ear and Hearing*, 19, 1-36.
- NYGAARD, L.C. & PISONI, D.B. (1998). Talker-specific learning in speech perception. *Perception & Psychophysics*, 60, 335-376.
- SHEFFERT, S.M. (1998). Voice-specificity effects on auditory word priming. *Memory and Cognition*, 26, 591-598.
- SHEFFERT, S.M. (1998). Contributions of surface and conceptual information to recognition memory. *Perception and Psychophysics*, 60, 1141-1152.
- SIMPSON T.H., AMOS N.E., AND RINTELMANN W.F. (1998). Effects of pre-existing hearing loss on proposed ANSI S12.13 outcomes for characterizing hearing conservation program effectiveness: a follow up investigation. *Journal of the American Academy of Audiology*, 9, 112-120.

### BOOK CHAPTERS PUBLISHED:

- ASLIN, R.N., JUSCZYK, P.W. & PISONI, D.B. (1998). Speech and auditory processing during infancy: Constraints on and precursors to language. In W. Damon (Series Ed.), *Handbook of Child Psychology. Fifth Edition, Volume 2: Cognition, Perception & Language* (D. Kuhn & R. Siegler, Eds.). New York: Wiley. Pp. 147-198.
- GOLDINGER, S.D. (1997). Words and Voices: Perception and Production in an Episodic Lexicon. In K. Johnson and J.W. Mullennix (Eds.), *Talker Variability in Speech Processing*. San Diego: Academic Press, Pp. 33-66.

- HUMES, L.F., AMOS, N.E., AND WYNNE, M. (1998). Issues in the assessment of central auditory processing disorders. In: *Children with Hearing Impairments: Contemporary Trends*, F.H. Bess (Ed.). Nashville, TN: Vanderbilt Bill Wilkerson Press.
- PISONI, D.B. (1997). Word identification in noise. In F. Grosjean and H. Frauenfelder (Eds.), *A Guide to Spoken Word Recognition Paradigms*. Hove, England: Psychology Press, Pp. 681-687.
- ROBBINS, A.M., SVIRSKY, M., OSBERGER, M.J. & PISONI, D.B. (1998). Beyond the audiogram: The role of functional assessments. In F.H. Bess (Ed.), *Children with Hearing Impairment: Contemporary Trends*. Vanderbilt: Bill Wilkerson Press. Pp. 105-124.

#### **CONFERENCE PROCEEDINGS PUBLISHED:**

- REMEZ, R.E., FELLOWES, J.M., PISONI, D.B., GOH, W.D. & RUBIN, P.E. (1997). Audio-visual speech perception without traditional speech cues: A second report. In C. Benoit and R. Campbell (Eds.), *Proceedings of the ESCA Workshop on Audio-Visual Speech Processing: Cognitive and Computational Approaches* (pp. 73-76). Grenoble, France: European Speech Communication Association.

#### **MANUSCRIPTS ACCEPTED FOR PUBLICATION (IN PRESS):**

- AKAHANE-YAMADA, R., TOHKURA, Y., LIVELY, S.E., BRADLOW, A.R. & PISONI, D.B. (In Press). Effects of extended training on English /r/ and /l/ identification by native speakers of Japanese. *Perception & Psychophysics*.
- BRADLOW, A.R., AKAHANE-YAMADA, R., PISONI, D.B. & TOHKURA, Y. (In Press). Training Japanese listeners to identify English /r/ and /l/: Long-term retention of learning in speech perception and production. *Perception & Psychophysics*.
- BRADLOW, A.R., NYGAARD, L.C. & PISONI, D.B. (In Press). Effects of talker, rate and amplitude variation on recognition memory for spoken words. *Perception & Psychophysics*.
- BRADLOW, A.R. & PISONI, D.B. (In press). Recognition of spoken words by native and non-native listeners: Talker-, listener- and item-related factors. *Journal of the Acoustical Society of America*.
- CLEARY, M. & PISONI, D. B. (In Press). Speech perception and spoken word recognition: Research and theory. In B. Goldstein (Ed.), *Handbook of Perception*. Cambridge: Blackwell.
- CHIN, S.B., & KIRK, K.I. (In press). Consonant feature production by children with multichannel cochlear implants, hearing aids, and tactile aids. In S. Waltzman and N. Cohen (Eds.), *Cochlear Implants*. New York: Thieme Medical Publishers.
- CHIN, S.B., MEYER, T.A., HAY-MCCUTCHEON, M., WRIGHT, G.A., & PISONI, D.B. (In press). Understanding the structure of the mental lexicons of children who use cochlear implants. *Annals of Otolaryngology, Rhinology & Laryngology*.

- FRISCH, S. (In press). Temporally organized lexical representations as phonological units. In M. Broe & J. Pierrehumbert (Eds.), *Papers in Laboratory Phonology*, Volume 5. Cambridge: Cambridge University Press.
- FRISCH, S.A., MEYER, T.A., PISONI, D.B. & SVIRSKY, M.A. (In press). Using behavioral data to model open-set word recognition and lexical organization by pediatric cochlear implant users. *Annals of Otology, Rhinology & Laryngology*.
- FRISCH, S. & PISONI, D.B. (In Press). Predicting open-set spoken word recognition performance from feature identification scores in pediatric cochlear implant users: A preliminary analysis. *Ear and Hearing*.
- FRISCH, S. & PISONI, D.B. (In press). The development of the lexicon in deaf children with cochlear implants: New insights into language acquisition. M.C. Gruber, D. Higgins, K. Olson, & T. Wysocki (eds.) *CLS 34, vol. II: The panels*. Chicago: University of Chicago Press.
- KIRK, K.I. (In Press). Assessing speech perception in listeners with cochlear implants: The development of the Lexical Neighborhood tests. *Volta Review*.
- KIRK, K.I., EISENBERG, L.S., MARTINEZ, A.S. & HAY-MCCUTCHEON, M. (In Press). The Lexical Neighborhood test: Test- retest reliability and inter-list equivalency. *Journal of the American Academy of Audiology*.
- KIRK, K.I., PISONI, D.B. AND MIYAMOTO, R.T. (In press). Lexical discrimination by children with cochlear implants: Effects of age at implantation and communication mode. In S. Waltzman and N. Cohen (Eds.), *Cochlear Implants*. New York: Thieme Medical Publishers.
- MEYER, T.A., FRISCH, S.A., SVIRSKY, M.A. & PISONI, D.B. (In press). Modeling open-set word recognition by cochlear implant users based on psychophysical measures: A preliminary report. *Annals of Otology, Rhinology & Laryngology*.
- PISONI, D.B. & GEERS, A. (In press). Working memory in deaf children with cochlear implants: Correlations between digit span and measures of spoken language processing. *Annals of Otology, Rhinology & Laryngology*.
- REMEZ, R.E., FELLOWES, J.M., PISONI, D.B. & GOH, W.D. (In Press). Multimodal perceptual organization of speech: Evidence from tone analogs of spoken utterances. *Speech Communication*.
- SEHGAL, S.T., KIRK, K.I., PISONI, D.B. & MIYAMOTO, R.T. (In Press). Effect of residual hearing on children's speech perception abilities with a cochlear implant. *Otolaryngology-Head & Neck Surgery*.
- WRIGHT, R.A., FRISCH, S.A. & PISONI, D.B. (In Press). Speech perception. In J.G. Webster (Ed.), *The Encyclopedia of Electrical and Electronics Engineering*, Volume 24. New York: J. Wylie & Sons.

**SUBMITTED:**

- CHIN, S.B. & PISONI, D.B. (Submitted). A phonological system at two years after cochlear implantation. *Clinical Linguistics & Phonetics*.
- LARGE, N.R., FRISCH, S.A. & PISONI, D.B. (Submitted). Perception of wordlikeness: Effects of segment probability and length on subjective ratings and processing of nonword sound patterns. *Journal of Memory and Language*.
- MEYER, T.A. & PISONI, D.B. (Submitted). Some computational analyses of the PBK Test: Effects of frequency and lexical density on word recognition scores. *Ear and Hearing*.
- MEYER, T.A., PISONI, D.B., LUCE, P.A. & BILGER, R.C. (Submitted). An analysis of the psychometric and lexical neighborhood properties of the spondaic words. *Journal of Speech, Language, and Hearing Research*.
- PISONI, D.B. (Submitted). Cognitive factors and cochlear implants: An overview of the role of perception, attention, learning and memory in speech perception. *Ear & Hearing*.
- PISONI, D.B., SVIRSKY, M.A., KIRK, K.I., & MIYAMOTO, R.T. (Submitted). Looking at the “Stars”: A first report on the interrelations among measures of speech perception, intelligibility and language development in pediatric cochlear implant users. *Journal of Speech, Language, and Hearing Research*.
- SVIRSKY, M.A., ROBBINS, A.M., KIRK, K.I., PISONI, D.B. & MIYAMOTO, R.T. (Submitted). Language development in profoundly deaf children with cochlear implants. *Psychological Science*.
- VITEVITCH, M.S., LUCE, P.A., PISONI, D.B. & AUER, E.T. (Submitted). Phonotactics, neighborhood activation, and lexical access for spoken words. *Brain & Language*.