

## IV. Publications

### Papers Published:

- Bradlow, A.R. (1995). A comparative acoustic study of English and Spanish vowels. *Journal of the Acoustical Society of America*, **97**, 1916-1924.
- Bradlow, A.R., Pisoni, D.B., Yamada, R.A. & Tohkura, Y. (1995). Acquisition of the English /r/ - /l/ contrast by Japanese speakers: Effects of training in perception on production. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, **4**, 562-565.
- Bradlow, A.R., Torretta, G.M. & Pisoni, D.B. (1995). Some sources of variability in speech intelligibility. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, **1**, 198-201.
- Bradlow, A.R., Port, R.F. & Tajima, K. (1995). The combined effects of prosodic variation on Japanese mora timing. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, **4**, 344-347.
- Kirk, K.I., Pisoni, D.B. & Osberger, M.J. (1995). Lexical effects on spoken word recognition by pediatric cochlear implant users. *Ear & Hearing*, **16**, 470-481.
- Kirk, K.I., Pisoni, D.B., Sommers, M.S., Young, M., & Evanson, C. (1995). New directions for assessing speech perception in persons with sensory aids. *Annals of Otology, Rhinology and Laryngology*, **104**, 300-303.
- Magnuson, J.S., Yamada, R.A., Tohkura, Y., Pisoni, D.B., Lively, S.E., & Bradlow, A.R. (1995). The role of talker variability in non-native phoneme training. *Proceedings of the 1995 Spring Meeting of the Acoustical Society of Japan*, Pp. 393-394.
- Mandel, D.R., Jusczyk, P.W. & Pisoni, D.B. (1995). Infants' recognition of the sound patterns of their own names. *Psychological Science*, **6**, 314-317.
- Nygaard, L.C. & Pisoni, D.B. (1995). Talker- and task-specific perceptual learning in speech perception. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, Pp. 194-197.
- Nygaard, L.C., Sommers, M.S. & Pisoni, D.B. (1995). Effects of stimulus variability on the representation of spoken words in memory. *Perception & Psychophysics*, **57**, 989-1001.
- Yamada, R.A., Tohkura, Y., Bradlow, A.R., & Pisoni, D.B. (1995). The effect of perception training on Japanese speakers' production of the American English /r/-/l/ contrast. *Proceedings of the 1995 Spring Meeting of the Acoustical Society of Japan*, Pp. 385-386.

### **Book Chapters:**

- Bradlow, A.R., Nygaard, L.C. & Pisoni, D.B. (1995). On the contribution of instance-specific characteristics to speech perception. In C. Sorin, J. Marianai, H. Meloni and J. Schoentgen (Eds.), *Levels in Speech Communication: Relations and Interactions*. New York: Elsevier, Pp. 13-24.
- Bradlow, A.R., Nygaard, L.C., & Pisoni, D.B. (1995). Indexical and linguistic attributes in speech perception: A review of some recent findings. In B. Kanki and R. Prinzo (Eds.), *Metrics and Methods in Speech Communication*. Office of Federal Aviation Administration, National Aeronautics and Space Administration/Department of Defense. Pp. 67-78.
- Dinnsen, D.A. & Chin, S.B. (1995). On the natural domain of phonological disorders. In J. Archibald (Ed.), *Phonological Acquisition and Phonological Theory*. Hillsdale, NJ: Lawrence Erlbaum Associates. Pp. 135-150.
- Goldinger, S.D., Pisoni, D.B., & Luce, P.A. (1995). Speech perception: Research and theory. In N.J. Lass (Ed.) *Principles of Experimental Phonetics*. Toronto, Canada: B.C. Decker, Pp. 277-327.
- Nygaard, L.C. & Pisoni, D.B. (1995). Speech perception: New directions in research and theory. In J.L. Miller and P.D. Eimas (Eds.), *Handbook of Perception and Cognition, Volume 11, Speech, Language and Communication*. New York: Academic Press, Pp. 63-96.
- Pisoni, D.B. (1995). Sources of variability affecting speech perception and spoken word recognition. In C.W. Nixon (Ed.), *Symposium on Speech Communication Metrics and Human Performance (AL/CF-SR-1995-0023)*. Wright Patterson AFB, OH: Armstrong Laboratory, Crew Systems Directorate, Pp. 19-40.
- Pisoni, D.B. & Lively, S.E. (1995). Variability and invariance in speech perception: A new look at some old problems in perceptual learning. In W. Strange (Ed.), *Speech Perception and Linguistic Experience: Theoretical and Methodological Issues in Cross-language Speech Research*. Timonium, MD: York Press, Pp. 429-455.
- Ralston, J.V., Pisoni, D.B., & Mullennix, J.W. (1995). Comprehension of synthetic speech produced by rule. In R. Bennett, A. Syrdal, and S. Greenspan (Eds.) *Behavioral Aspects of Speech Technology: Theory and Applications*. New York: Elsevier, Pp. 233-287.

### **Manuscripts Accepted for Publication (In Press):**

- Aslin, R.N., Jusczyk, P.W. & Pisoni, D.B. (In Press). 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.
- Bradlow, A.R. (In Press). A perceptual comparison of the /i/-/e/ and /u/-/o/ contrasts in English and in Spanish: Universal and language-specific aspects. *Phonetica*.

- Chin, S.B. (In Press). The role of the sonority hierarchy in delayed phonological systems. In T.W. Powell (Ed.), *Pathologies of Speech and Language: Contributions of Clinical Phonetics and Linguistics*. New Orleans, LA: International Clinical Phonetics and Linguistics Association. Pp. 109-117.
- Chin, S.B. & Pisoni, D.B. (In Press). *Alcohol and Speech*. San Diego, CA: Academic Press.
- Kirk, K.I., Pisoni, D.B. and Miyamoto, R.C. (In Press). Effects of stimulus variability on speech perception in hearing impaired listeners. *Journal of Speech and Hearing Research*.
- Kirk, K.I., Diefendorf, A.O., Pisoni, D.B. and Robins, A.M. (In Press). Assessing speech perception in children. Chapter to appear in L.L. Mendel and J.L. Danhauer (Eds.), *Assessing Speech Perception*. San Diego: Singular Press.
- Miyamoto, R.T., Kirk, K.I., Robbins, A.M., Todd, S.L., Riley, A.I., & Pisoni, D.B. (In Press). Speech perception and speech intelligibility of children with multichannel cochlear implants. *Advances in Oto-Rhinolaryngology*, Basel, Switzerland.
- Mullennix, J.W., Goldinger, S.D., & Pisoni, D.B. (In Press). Some characteristics of talker normalization. In J. Charles-Luce, P.A. Luce, and J.R. Sawusch (Eds.) *Theories in Spoken Language: Perception, Production and Development*. Norwood, NJ: Ablex.
- Pisoni, D.B. (In Press). Perception of synthetic speech produced by rule: A selective review and interpretation of research over the last 15 years. In J.P.H. van Santen, R.W. Sproat, J.O. Olive & J. Hirschberg (Eds.), *Progress in Speech Synthesis*. New York: Springer-Verlag.
- Pisoni, D.B. (In Press). Some Thoughts on "Normalization" in Speech Perception. Chapter to appear in K. Johnson and J.W. Mullennix (Eds.), *Talker Variability in Speech Processing*. San Diego: Academic Press.
- Rosenblum, L.D., & Saldaña, H.M. (In Press). An audiovisual test of kinematic primitives for visual speech perception. *Journal of Experimental Psychology: Human Perception and Performance*.
- Rosenblum, L.D., Johnson, J.A., & Saldaña, H.M. (In Press). Visual kinematic information for embellishing speech in noise. *Journal of Speech and Hearing Research*.
- Ryalls, B.O. & Pisoni, D.B. (In Press). The effect of talker variability on word recognition in preschool children. *Developmental Psychology*.
- Saldaña, H.M., Nygaard, L.C. & Pisoni, D.B. (In Press). Episodic encoding of visual speaker attributes and recognition memory for spoken words. In D. Stork (Ed.), *Speech Reading by Man and Machine: Models, Systems, and Applications*. Berlin: Springer-Verlag.
- Saldaña, H.M., Pisoni, D.B., Fellowes, J.M., & Remez, R.E. (In Press). Audio-visual speech perception without speech cues: A first report. Chapter to appear in D. Stork (Ed.), *Speechreading by Man and Machine: Models, Systems, and Applications*. Berlin: Springer-Verlag.
- Sommers, M.S. & Kewley-Port, D. (In Press). Modeling formant frequency discrimination of female vowels. *Journal of the Acoustical Society of America*.

Sommers, M.S., Kirk, K.I., & Pisoni, D.B. (In Press). Some considerations in evaluating spoken word recognition by normal-hearing and cochlear implant listeners: The effects of response format. *Ear & Hearing*.