

CURRICULUM VITAE – Jan Edwards

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EDUCATION AND LICENSURE

Ph.D., Speech & Hearing Science, Graduate Center, CUNY	10/85
CCC/SPL	12/84
M.S., Linguistics, M.I.T.	06/81
B.A., English Literature, Barnard College	06/80

APPOINTMENTS AND HONORS

Professor, Department of Hearing and Speech Sciences, University of MD, 2016-present
Associate Director, Language Sciences Center, University of MD, 2016-present
International Research Collaboration Award, University of Sydney, Australia, 2013.
Chair, Department of Communication Sciences and Disorders, 2010-2012
ASHA fellow, 2006
Professor, Department of Communication Sciences and Disorders; Principal Investigator, Waisman Center, 2005-Present (affiliated appointment, Department of Psychology)
Professor, Department of Speech and Hearing Science, Ohio State University, July, 2002 – 2005.
(Courtesy Appointment, Department of Linguistics, Ohio State University; Member of Cognitive Science Center, Ohio State University)
Visiting Professor, Department of Psychology, Aristotle University, Thessaloniki, Greece, 2002-2003.
Associate Professor, Department of Speech and Hearing Science, Ohio State University, 1993-2002.
Associate Professor, Department of Communication Disorders, Hunter College, 1992-1993.
Graduate Faculty, Speech and Hearing Sciences Program, Graduate Center, CUNY, 1991-1993.
Assistant Professor, Department of Communication Disorders, Hunter College, 1985-1991.
Speech Pathologist, International Center for the Disabled, 1983-1985.
Research Assistant, Haskins Laboratories, 1982-1985.
Research Assistant, Graduate Center, CUNY, 1981-1982.

RESEARCH ACTIVITY

Extramural grants and awards

Active (PI):

Edwards, J. (Principal Investigator) & Taboada Barber, A., Haring, J., Silverman, R. (Co-Investigators). IES Goal 3. (Aug. 1, 2017-July 31, 2021). “A randomized control trial of Toggle Talk.” (\$3,247,480 in total costs).

Ellis Weismer, S., Edwards, J., & Saffran, J. (Principal Investigators). Multiple PI R01 grant, NIH/NIDCD (January 1, 2014 – Dec. 31, 2019). Characterizing lexical processing in toddlers with autism spectrum disorders. (\$553,000/year in total costs).

Active (Co-Investigator or Faculty)

Feldman, N., Shafto, P. (Principal Investigators), Edwards, J. (Co-Investigator). R21 NIH/NIDCD (August 1, 2018 – July 31, 2020). Optimizing input for language intervention. (\$434,748 total costs over 2 years).

Ratner, N. B. (Principal Investigator), Ji Seung, Y. (Co-Investigator), & Edwards, J. (Faculty). R01 NIH/NIDCD. Validation and norming of children's expressive language sample analysis measures. (\$257,583/year total costs),

Completed:

Edwards, J., Beckman, M. E., & Munson, B. Multiple PI R01 grant, NIH/NIDCD (April 1, 2011 - March 31, 2018). Longitudinal study of vocabulary growth and phonological development (\$623,000/year in total costs).

Edwards, J., PI, NIH/NIDCD (Sept. 1, 2012 - May 31, 2014). Diversity supplement on Longitudinal study of vocabulary growth and phonological development (\$36,000/year in direct costs).

Edwards, J., PI. DHB/Collaborative Research: (Jan. 15, 2008 – Dec. 31, 2011). Using machine learning to model the interplay of production dynamics and perception dynamics in phonological acquisition. National Science Foundation – Human Social Dynamics (\$303,500 total award for three years).

Edwards, J., PI, NIH/ARRA Bridge Funds (Aug 1, 2010 - March 31, 2011). Longitudinal study of vocabulary growth and phonological development (\$100,000 direct costs)

Edwards, J., PI NIH/ARRA Summer Supplement to Cross-linguistic investigation of phonological development (June 1, 2009 – Aug. 31, 2011, summer months only)

Edwards, J., PI. Sept. 1, 2003 – July 30, 2010. "Cross-linguistic investigation of phonological development." National Institutes of Health. (\$227,500 direct costs per year for five years).

Edwards, J., PI. Jan. 15, 1998 - Jan. 14, 2002. "Assessing phonetic skills in misarticulating children." National Institutes of Health. (\$546,090 for three-year grant).

Edwards, J., co-PI. September 1990 - August 1994. "Speech encoding and specific language impairment." National Institutes of Health. (\$227,133 for three-year grant.).

Edwards, J., PI. June 1987. "The organization of informational structure in articulator movement and acoustic duration patterns." National Science Foundation (\$87,735 for two-year grant).

Edwards, J., PI. December 1986. American Speech-Language-Hearing Foundation Research Award for New Investigators.

Grant participation

Completed

Seltzer, M. Principal Investigator. "Postdoctoral Training in Mental Retardation Research." National Institutes of Health (NIH) Training Grant, T32 HD07489, 2005 – Aug. 2016, Mentoring Faculty.

Seltzer, M. Principal Investigator. "Waisman Center - Core Support." National Institute of Child Health and Development (NICHD), Grant 2 P30 HD03352, 2005 – Aug. 2016. Core grant investigator.

Ellis Weismer, S. Principal Investigator. "Symposium on Research in Child Language Disorders." National Institutes of Health (NIH), National Institute on Deafness & Other Communicative Disorders (NIDCD)/National Institute of Child Health and Human Development (NICHD), 2R13DC00167-19, 2010-2016. Advisory Committee Member.

MacDonald, M. Principal Investigator. "Training in Language: Integrating Acquisition and Adult Performance." National Institutes of Health (NIH) Training Grant, T32HD04899, 2005-2010, 2010-2015, Mentoring Faculty.

Ellis Weismer, S. Principal Investigator, Weismer, G. Co-PI. "Interdisciplinary Research Training in Speech-Language Disorders. National Institutes of Health (NIH) Training Grant, T32 DC05359-06, 2008-2013. Mentoring Faculty.

Storkel, H. Principal Investigator (University of Kansas). "The mental lexicon in language acquisition." National Institutes of Health (NIH) Mentored Clinical Scientist Development Award, 2001-2003. Mentor lab, consultant.

Intramural grants

Completed:

Ellis Weismer, S., Edwards, J., & Saffran, J. Co-PIs. Characterizing lexical processing in toddlers with autism spectrum disorders. UW Graduate School Research Committee Award, July, 2012-June, 2013 (\$37,161).

Edwards, J., co-PI (Sept. 1, 2007 - Aug. 31, 2010). "Toward a neuroscience of education: Plasticity, experience, and Educational achievement." Wisconsin Institutes for Discovery. (\$400,000 for three years).

Edwards, J., PI. March 1997. "Speech perception, phonological awareness, and reading proficiency in low-income inner-city African American children." Ohio State University Committee on Urban Affairs (\$19,998).

Edwards, J., PI. December 1993. "Examination of cognitive processes involved in naming." OSURF seed grant (\$7,737).

Edwards, J., PI. June 1993. "Lexical processing: Searching for an explanation of development differences in speed." PSC-CUNY Research Foundation (\$3,975).

Edwards, J., PI. June 1990. "Compensation for fixed jaw positions during the production of point and non-point vowels in adults and children." PSC-CUNY Research Foundation \$5,990).

Edwards, J., PI. June 1989. "Lexical decision and specific language impairment." PSC-CUNY Research Foundation (\$1,700).

Edwards, J., PI. June 1988. "Phonological representations of normal and language-impaired children." PSC-CUNY Research Foundation (\$5,908).

Edwards, J., PI. June 1987. "Speech motor abilities and underlying representations of normal and phonologically disordered children." PSC-Cuny Research Foundation (\$7,273).

Chapters in Books:

Edwards, J. & Munson, B. (in press, 2018). Perception and production. In R. Schwartz (Ed.) *Handbook of Child Language Disorders, second edition*. Cambridge: Cambridge University Press.

Edwards, J., Beckman, M., & Munson, B. (2015). Cross-language differences in acquisition. In L. A. Redford (Ed.) *Handbook of Speech Production*. Oxford: Wiley-Blackwell Publishers, pp. 530-554.

Edwards, J., & Munson, B. (2012). Transcribing the speech of multilingual children with speech sound disorder. In S. MacLeod and B. Goldstein (Eds.), *Multilingual Aspects of Speech Sound Disorders in Children*. Bristol, UK: Multilingual Matters, pp. 170-181.

Munson, B., Beckman, M., & Edwards, J. (2012). Abstraction and specificity in early lexical representations: Climbing the ladder of abstraction. In A. C. Cohn, C. Fougerson & M. Huffman (Eds.) *The Oxford Handbook of Laboratory Phonology*. Oxford: Oxford University Press, pp. 288-309.

Edwards, J. & Munson, B. (2008). Perception and production. In R. Schwartz (Ed.) *Handbook of Child Language Disorders*. Cambridge: Cambridge University Press, pp. 216-231.

Beckman, M. E., Munson, B., and Edwards, J. (2007). Vocabulary growth and the developmental expansion of types of phonological knowledge. *Papers in laboratory phonology IX: Change in phonology* (J. I. Hualde & J. Cole, eds.). Berlin: Mouton de Gruyter, pp. 241-264.

Edwards, J. (2000). Lexical representations in acquisition: Comments on the papers of Werker & Stager, Scobbie et al., Macken, and Archibald *Papers in laboratory phonology V: Language acquisition and the lexicon* (D. Broe & J. Pierrehumbert, eds). Cambridge University Press, 240-249. (peer-reviewed).

Beckman, M.E. and Edwards, J. (2000). Lexical frequency effects on young children's imitative productions. *Papers in laboratory phonology V: Language acquisition and the lexicon* (D. Broe & J. Pierrehumbert, eds). Cambridge University Press, 208-281. (peer-reviewed).

Beckman, M.E. and Edwards, J. (1994). Articulatory evidence for differentiating stress categories. To appear in *Papers in laboratory phonology III* (P. Keating, ed.), Cambridge University Press, 7-33. (peer-reviewed).

Beckman, M.E., Edwards, J., and Fletcher, J. (1992). Prosodic structure and tempo in a sonority model of articulatory dynamics. In *Papers in laboratory phonology II: Gesture, segment, prosody* (G. Docherty and R. Ladd, eds.), Cambridge University Press, 68-86. (peer-reviewed).

Beckman, M.E. and Edwards, J. (1991). Intonational categories and the articulatory control of duration. In *Speech perception, production and linguistic structure* (Y. Tohkura, E. Vatikiotis-Bateson, & Y. Sagisaka, eds.), OHM Publishing Co., Ltd., Tokyo, 359-375.

Beckman, M.E. and Edwards, J. (1989). Lengthenings and shortenings and the nature of prosodic constituency. In *Papers in laboratory phonology I: Between the grammar and the physics of speech* (J. Kingston and M.E. Beckman, eds.), Cambridge University Press, 152-178. (peer-reviewed).

Articles:

Venker, C., Edwards, J., Saffran, J., & Ellis Weismer, S. (2018, under review). Thinking ahead: Predictive language processing is associated with receptive language abilities in preschoolers with autism spectrum disorder. Submitted to *Journal of Autism and Developmental Disorders*.

Chung, H., Edwards, J., & Munson, B. (2018, under revision). A cross-linguistic study of listeners' sensitivity to native versus non-native vowels produced by children and adults. Submitted to *Journal of Phonetics*.

Mahr, T. & Edwards, J. (2018, in press). Using language input and lexical processing to predict vocabulary size. *Developmental Science*.

Evans, K., Munson, B., & Edwards, J. (2018, in press). Effect of imputed race on ratings of children's speech accuracy: A comparison of speech-language pathologists and clinically untrained listeners. *Language, Speech, and Hearing Services in Schools*.

Kapnola, E., Winn, M., Kong, E., Edwards, J., & McMurray, B. (2017). Evaluating the sources and functions of gradience in phoneme categorization: An individual differences approach. *Journal of Experimental Psychology: Human Perception and Performance*, 43, 1594-1611. [PMCID: PMC5561468], <http://dx.doi.org/10.1037/xhp0000410>.

Munson, B., Schellinger, S., & Edwards, J. (2017). Bias in the perception of phonetic detail in children's speech: A comparison of categorical and continuous rating scales. *Journal of Clinical Linguistics and Phonetics*, 31, 56-79. [PMCID: PMC5143195], doi:10.1080/02699206.2016.1233292.

Schellinger, S., Munson, B. & Edwards, J. (2017). Gradient perception of children's productions of /s/ and /θ/: A comparative study of rating methods. *Clinical Linguistics and Phonetics*, 31, 80-103. [PMCID: PMC5200952], doi:10.1080/02699206.2016.1205665.

Reidy, P., Kristensen, K., Winn, M., Litovsky, R., & Edwards, J. (2017). The acoustics of word-initial fricatives and their effect on word-level intelligibility in children with bilateral cochlear implants. *Ear and Hearing*, 38, 42-56. [PMCID: PMC5161607].

Law, F., Mahr, T., Schneeberg, A., & Edwards, J. (2017). Vocabulary size and auditory word recognition in preschool children. *Applied Psycholinguistics*, 38, 89-125, [PMCID: PMC5400288], doi:10.1017/S0142716416000126.

Ellis Weismer, S., Haebig, E., Edwards, J., Saffran, J., & Venker, C. (2016). Lexical processing in toddlers with ASD: Does weak central coherence play a role? *Journal of Autism and Developmental Disorders*, 46, 3755-3769. [PMCID: PMC5112115], doi: 10.1007/s10803-016-2926-y.

Kong, E., & Edwards, J. (2016). Individual differences in categorical perception of speech: Cue weighting and executive function. *Journal of Phonetics*, 59, 40-57. [PMCID: PMC5423668], <http://dx.doi.org/10.1016/j.wocn.2016.08.006>

Venker, C., Haebig, E., Saffran, J., Edwards, J., & Ellis Weismer, S. (2016). Early lexical comprehension in young children with ASD: Comparing looking-while-listening and parent report. *Journal of Autism and Developmental Disorders*, 46, 2260-2266. [PMCID: PMC4860537], DOI 10.1007/s10803-016-2747-z.

- Edwards, J., & Rosin, M. (2016). A pre-kindergarten curriculum supplement for enhancing Mainstream American English knowledge in non-mainstream American English speakers. *Language, Speech, and Hearing Services in Schools, 47*, 113-122. [PMCID: PMC4972005], doi: 10.1044/2015_LSHSS-15-0011
- Mahr, T., Macmillan, B., Saffran, J., & Ellis Weismer, S., & Edwards, J. (2015). Anticipatory coarticulation facilitates word recognition in toddlers. *Cognition, 142*, 345-350. doi:10.1016/j.cognition.2015.05.009. [PMCID: PMC4500663]
- Brown, M., Sibley, D., Washington, J.A., Rogers, T.T., Edwards, J., MacDonald, M.C., & Seidenberg, M.M. (2015). Impact of dialect knowledge on a basic component of learning to read. *Frontiers in Psychology: Developmental Psychology, 6*:196, 1-17. doi: 10.3389/fpsyg.2015.00196. [PMCID: PMC4371648]
- Holliday, J., Reidy, P. F., Beckman, M. E., & Edwards, J. (2015). Quantifying the robustness of the English sibilant fricative contrast in children. *Journal of Speech, Language, and Hearing Research, 58*, 622-637. [PMCID: PMC4490023], doi: 10.1044/2015_JSLHR-S-14-0090. [PMCID: PMC4490023]
- Winn, M., Edwards, J., & Litovsky, R. (2015). The impact of auditory spectral resolution on listening effort revealed by pupil dilation. *Ear and Hearing, 36*, e153-e165. [PMCID: PMC4478109], doi: 10.1097/AUD.0000000000000145.
- Edwards, J., Beckman, M. E., & Munson, B. (2015). Frequency effects in phonological acquisition. *Journal of Child Language, 42*, 306-311. [doi: 10.1017/S030500914000634. [PMCID: PMC4318350]
- Law, F. & Edwards, J. (2015). Effect of vocabulary size on online lexical processing by preschoolers. *Language Learning and Development, 11*, 331-355. doi:10.1080/15475441.2014.961066. [PMCID: PMC4618685]
- Edwards, J., Gross, M., Chen, J., MacDonald, M. C., Brown, M., & Seidenberg, M. S. (2014). Dialect awareness and lexical comprehension of Mainstream American English in African American English-speaking children. *Journal of Speech, Language, and Hearing Research, 57*, 1883-1895, doi:10.1044/2014. [PMCID: PMC4192017]
- Beckman, M.E., Li, F., Kong, E. J., & Edwards, J. (2014). Aligning the timelines of phonological acquisition and change. *Laboratory Phonology, 5*, 151-193. [PMCID: PMC4084602]
- Kong, E., Syrika, A., & Edwards, J. (2012). Dialectal variation in voiced stop prenasalization in Greek. *Journal of the Acoustical Society of America, 132*, 3439-3452. [PMCID: PMC3505216]
- Kong, E., Beckman, M.E., & Edwards, J. (2012). Voice onset time is necessary but not always sufficient to describe acquisition of voiced stops: The cases of Greek and Japanese. *Journal of Phonetics, 40*, 725-744. [PMCID: PMC3479222]
- Edwards, J. (2012). Toward a second revolution in the assessment and treatment of speech sound disorders. *Perspectives in Language Learning and Education, 19*, 4-6.
- Munson, B., Johnson, J. M., & Edwards, J. (2012). The role of clinical experience in speech-language pathologists' perception of subphonemic detail in children's speech. *American Journal of Speech-Language Pathology, 21*, 124-139. [PMCID: PMC434256]

Chung, H., Kong, E., Edwards, J., Weismer, G., Fourakis, M., & Deok, Y. (2012). Cross-linguistic acquisition of vowels. *Journal of the Acoustical Society of America*, 131, 442-454. [PMCID: PMC3283902]

Todd, A., Edwards, J., Litovsky, R., (2011). Production of contrast between sibilant fricatives by children with cochlear implants. *Journal of the Acoustical Society of America*, 130, 3969-3979. [PMCID: PMC3253598]

Syrika, A., Nicolaidou, K., Edward, J., & Beckman, M.E. (2011). Acquisition of initial /s/-stop and stop-/s/ sequences in Greek. *Language and Speech*, 54. 361-386. [PMCID: PMC3305799]

Kong, E., Beckman, M. E., & Edwards, J. (2011). Why are Korean tense stops acquired so early: the role of acoustic properties. *Journal of Phonetics*, 39, 196-211 [PMCID: PMC3105898].

Okalidou, A., Syrika, A., Beckman, M.E., & Edwards, J. (2011). Adapting a receptive vocabulary test for preschool-aged Greek-speaking children. *European Journal of Disorders of Communication*, 46, 95-107. [PMCID: PMC3064883]

Li, F., Munson, B., Edwards, J., Yoneyama, K., & Hall, K.C. (2011). Language specificity in the perception of voiceless sibilant fricatives in Japanese and English: Implications for cross-language differences in speech-sound development. *Journal of the Acoustical Society of America*, 129, 999-1011. [PMCID: PMC3070995]

Graf-Estes, K., Edwards, J., & Saffran, J. (2011). Phonotactic constraints on infant word learning. *Infancy*, 16, 180-197. [PMCID: PMC3032547]

Munson, B., Edwards, J., Schellinger, S., Beckman, M.E., & Meyer, M. (2010). Deconstructing phonetic transcription: language-specificity, covert contrast, perceptual bias, and an extraterrestrial view of *vox humana*. *Clinical Linguistics and Phonetics*, 24, 245-260. [PMCID: PMC2941432]

Beckman, M.E., & Edwards, J. (2010). Generalizing over lexicons to predict consonant mastery. *Laboratory Phonology*, 1, 319-344. [PMCID: PMC2990950]

Li, F., Edwards, J., & Beckman, M.E. (2009). Contrast and covert contrast: The phonetic development of voiceless sibilant fricatives in English and Japanese toddlers. *Journal of Phonetics*, 37, 111-124. [PMCID: PMC2723813]

Edwards, J., & Beckman, M.E. (2008a). Methodological questions in studying phonological acquisition. *Clinical Linguistics and Phonetics*, 22, 937-956. [PMCID: PMC2728799]

Edwards, J. & Beckman, M.E. (2008b). Some cross-linguistic evidence for modulation of implicational universals by language-specific frequency effects in phonological development. *Language, Learning, and Development*, 4, 122-156. [PMCID: PMC2772077]

Kong, E., Beckman, M. E., Edwards J. (2007). The fine-grained phonetics and acquisition of voiced stops in Greek, *Proceedings of the XVIth International Congress of Phonetic Sciences*, 6-10 August, Saarbruecken, Germany.

- Li, F., Edwards, J., & Beckman, M. E. (2007). Spectral measures for sibilant fricatives of English, Japanese, and Mandarin Chinese. *Proceedings of the XVIth International Congress of Phonetic Sciences*, 6-10 August, Saarbruecken, Germany.
- Ellis Weismer, S. & Edwards, J. (2006). The role of phonological storage deficits in specific language impairment: A reconsideration. *Applied Psycholinguistics*, 27, 556-562.
- Munson, B., Edwards, J., & Beckman, M. E. (2005). Phonological knowledge in typical and atypical speech and language development: Nature, assessment, and treatment. *Topics in Language Disorders*, 25, 190-206.
- Munson, B., Edwards, J., & Beckman, M. E. (2005). Relationships between nonword repetition accuracy and other measures of linguistic development in children with phonological disorders. *Journal of Speech, Language, and Hearing Research*, 48, 61-78.
- Thomas-Tate, S., Washington, J., & Edwards, J. (2004). Standardized assessment of phonological awareness skills in low-income African American first graders. *American Journal of Speech-Language Pathology*, 13, 182-190.
- Edwards, J., Beckman, M. E., & Munson, B. (2004). The interaction between vocabulary size and phonotactic probability effects on children's production accuracy and fluency in nonword repetition. *Journal of Speech, Language, and Hearing Research*, 47, 421-436.
- Nikolaidou, K., Edwards, J., Beckman, M., & Tserdanelis, G. (2003). Acquisition of obstruents in Greek. *Proceedings of the 6th International Conference of Greek Linguistics*, Rethymno, Crete.
- Beckman, M. E., Yoneyama, K., & Edwards, J. (2003). Language-specific and language-universal aspects of lingual obstruent productions in Japanese-acquiring children. *Journal of the Phonetic Society of Japan*, 7, 18-28.
- Edwards, J., Fox, R. A., & Rogers, C. (2002). Final consonant discrimination in children: Effects of phonological disorder, vocabulary size, and phonetic inventory size. *Journal of Speech, Language, and Hearing Research*, 45, 231-242.
- Lahey, M., Edwards, J., & Munson, B. (2001). The relation between speed of processing and language performance. *Journal of Speech, Language, and Hearing Research*, 44, 1354-1361.
- Beckman, M.E., & Edwards, J. (2000). The ontogeny of phonological categories and the primacy of lexical learning in linguistic development. *Child Development*, 71, 240-249.
- Edwards, J., Fourakis, M., Beckman, M., and Fox, R. (1999). Characterizing knowledge deficits in phonological disorders. *Journal of Speech, Language, and Hearing Research*, 42, 169-186.
- Lahey, M. and Edwards, J. (1999). Naming errors of children with specific language impairment. *Journal of Speech, Language, and Hearing Research*, 42, 195-205.

- Edwards, J. and Lahey, M. (1998). Nonword repetitions of children with specific language impairment: Explorations of some explanations for their inaccuracies. *Applied Psycholinguistics*, 19, 279-309.
- Edwards, J., Gibbon, F., and Fourakis, M. (1997). On discrete changes in the acquisition of the alveolar/velar stop consonant contrast. *Language and Speech*, 40, 203-210.
- Edwards, J. and Lahey, M. (1996). Auditory lexical decisions of children with specific language impairment. *Journal of Speech and Hearing Research*, 39, 1263-1273.
- Lahey, M. and Edwards, J. (1996). Why do children with specific language impairment name pictures more slowly than their peers? *Journal of Speech and Hearing Research*, 39, 1081-1098.
- Lahey, M. and Edwards, J. (1995). Specific language impairment: Preliminary investigation of factors associated with family history and with patterns of language performance. *Journal of Speech and Hearing Research*, 38, 643-657.
- Edwards, J. and Lahey, M. (1993). Auditory lexical decisions in children and adults: An examination of response factors. *Journal of Speech and Hearing Research*, 36, 996-1003.
- DeJong, K., Beckman, M.E., and Edwards, J. (1993). The interplay between prosodic structure and coarticulation. *Language and Speech*, 36, 197-212.
- Edwards, J. (1992). Compensatory articulation of normal and phonologically disordered children. *Journal of Phonetics*, 20, 189-207.
- Edwards, J., Beckman, M.E. and Fletcher, J. (1991). The articulatory kinematics of final lengthening. *Journal of the Acoustical Society of America*, 89, 369-382.
- Edwards, J. and Harris, K.S. (1990). Rotation and translation of the jaw during speech. *Journal of Speech and Hearing Research* 33, 550-562.
- Edwards, J. and Beckman, M.E. (1988). Articulatory timing and the prosodic interpretation of syllable duration. *Phonetica*, 45, 156-174.
- Beckman, M.E. and Edwards, J. (1987). On the phonological domain of word-final lengthening. *Ohio State Working Papers in Linguistics No. 35 (A Festschrift for Ilse Lehiste)*, 167-176.
- Edwards, J. (1985). Contextual influences on lingual-mandibular coordination. *Journal of the Acoustical Society of America*, 78, 1944-1948.

In preparation

- Ang, C., Munro, N., Davis, E., & Edwards, J. A study on word learning in preschoolers with typical language: Effects of time, linguistic characteristics, and learning context.
- Hatch, R. A., Reidy, P. F., & Edwards, J. The effect of vowel context on sibilant fricative productions by children with cochlear implants.

Mahr, T., Munson, B., & Edwards, J. Unpacking expressive vocabulary: Lexical processing efficiency and the mispronunciation paradigm.

Research Presentations at Conferences (last ten years):

Beckman, M. E., Munson, B., & Edwards, J. (2018). Variation in the acquisition of English stop voicing, revisited. Poster to be presented at the 16th Laboratory Phonology Conference, Lisbon, Portugal, 19-22 June.

Pomper, R., Ellis Weismer, S., Saffran, J., & Edwards, J. (2018). Phonological representations of children with autism. Poster to be presented at the 2018 Symposium for Research on Child Language Disorders, Madison, WI, 7-9 June.

Mahr, T. & Edwards, J. (2018). Development of word recognition in preschoolers. Poster to be presented at the 2018 Symposium for Research on Child Language Disorders, Madison, WI, 7-9 June.

Logerquist, M., Kim, M., Blackman, A., Edwards, J., & Munson, B. (2018). Growth in the accuracy of preschool children's /r/ production: Evidence from a longitudinal study. Poster to be presented at the 175th Meeting of the Acoustical Society of America, Minneapolis, MN, 8-11 May.

Erskine, M., Mahr, T., & Edwards, J. (2017). Effect of dialect familiarity on lexical processing efficiency using the visual world paradigm: A preliminary study. Poster presented at the 42st Annual Boston University Conference on Language Development, Boston, MA, 3-5 November.

Mahr, T., & Edwards, J. (2017). Lexical processing of children with cochlear implants. Paper presented at the 42st Annual Boston University Conference on Language Development, Boston, MA, 3-5 November.

Erskine, M., Mahr, T., & Edwards, J., (2017). The influence of dialect familiarity on preschool children's spoken word recognition. Poster presented at the 2017 Annual Conference of the American Speech-Language-Hearing Association, Los Angeles, CA, 9-11 November.

Johnson, A., Reidy, P., Munson, B., Revai, D., & Edwards, J. (2017). Acquisition of the /t-/k/ contrast in children with cochlear implants and children with normal hearing. Talk presented at the 2017 Annual Conference of the American Speech-Language-Hearing Association, Los Angeles, CA, 9-11 November.

Reidy, P., Beckman, M. E., Edwards, J., & Munson, B. (2017). A data-driven approach for perceptually validated acoustic features for children's sibilant fricative productions. Poster presented at Interspeech 2017, Stockholm, Sweden, 20-24 August.

Matthee, J., Venker, C., Ellis Weismer, S., Edwards, J., & Saffran, J. (2017). Perceptual salience affects familiar word processing in young typically developing toddlers. Poster presented at the 2017 Symposium for Research on Child Language Disorders, Madison, WI, 8-10 June.

Venker, C., Mahr, T., Ellis Weismer, S., Saffran, J., & Edwards, J. (2017). Mutual exclusivity in young children with autism spectrum disorder. Talk presented at the 2017 Symposium for Research on Child Language Disorders, Madison, WI, 8-10 June.

Reidy, P., Johnson, A., Munson, B., Beckman, M. E., & Edwards, J. (2017). Learning acoustic features for English stops with graph-based dimensionality reduction. Poster presented at the 173rd Meeting of the

Acoustical Society of America, Boston, MA, 25-29 June.

Venker, C., Premo, E., Mahr, T., Edwards, J., Saffran, J., & Ellis Weismer, S. (2017). Weak organization of semantic categories in young children with ASD. Talk presented at the 2017 International Meeting for Autism Research (IMFAR). San Francisco, CA, 10-13 May.

Edwards, J. (2017). When ears collide: Mismatch and phonological development. Invited talk presented at the Workshop on Abstraction, Diversity, and Speech Dynamics hosted by the Institute on of Phonetics and Speech Processing, Ludwig-Maximilians Universitat, Munich, German, 3-5 May.

McDonald, M., Edwards, J., & Kaushanskaya, M. (2016). Effects of cross-linguistic phonetic overlap on lexical co-activation in bilinguals. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA, 17-20 November.

Venker, C., Mahr, T., Premo, E., Saffran, J., Edwards, J., & Ellis Weismer, S. (2016). Comparing automatic eye tracking and manual gaze coding in children with autism spectrum disorder. Paper presented at the 2016 Annual Conference of the American Speech-Language-Hearing Association. Philadelphia, PA, 17-19 November.

Hatch, R., Reidy, P., & Edwards, J. (2016.) Vowel context and fricative production in children with cochlear implants. Poster presented at the 2016 Annual Conference of the American Speech-Language-Hearing Association. Philadelphia, PA, 17-19 November.

Mahr, T., & Edwards, J. (2016). Lexical processing efficiency in preschool children: Influences of speech perception and inhibitory control. Paper presented at the 41st Annual Boston University Conference on Language Development, Boston, MA: 4-6 November.

Kapnoula, E., Edwards, J., & MacMurray, B. (2016). Phoneme categorization gradiency is advantageous for coping with ambiguities: Evidence from individual differences. Poster to be presented for the Second Workshop on Psycholinguistic Approaches to Speech Recognition in Adverse Conditions, Nijmegen, The Netherlands, 31 October-1 November.

Erskine, M., Reidy, P., Munson, B., & Edwards, J. (2016). Phonological awareness development: The role of speech production and perception explained. Paper presented at the Twenty-third Annual Meeting Society for the Scientific Study of Reading, Porto, Portugal, 13-16 July.

Erskine, M., Reidy, P., Munson, B., & Edwards, J. (2016). The role of speech production as it relates to phonological awareness development in preschool children. Poster presented at the 2016 Symposium for Research on Child Language Disorders, Madison, WI, 16-18 June.

Mahr, T., Venker, C., Premo, E., Ellis Weismer, S., Saffran, J., & Edwards, J. (2016). Preschoolers with autism treat nonwords and mispronunciations differently. Poster presented at the 2016 Symposium for Research on Child Language Disorders, Madison, WI, 16-18 June.

Venker, C., Premo, E., Edwards, J., Saffran, J., & Ellis Weismer, S. (2016). Read the book vs. Find the book: Use of informative verbs in children with autism spectrum disorder. Poster presented at the 2016 Symposium for Research on Child Language Disorders, Madison, WI, 16-18 June.

Venker, C., Edwards, J., Saffran, J., & Ellis Weismer, S. (2016). Spoken word recognition is negatively associated with autism severity in young children with autism spectrum disorder. Poster presented at the 2016 Symposium for Research on Child Language Disorders, Madison, WI, 16-18 June.

Castellano, B., Kapnoula, E., Edwards, J., McMurray, B., & Eigsti, I.M. (2016). Are there phonological consequences of auditory processing differences in autism spectrum disorder? Evidence from phonological categorization tasks. Poster presented at the 2016 International Meeting for Autism Research, Baltimore, MD, 11-14 May.

McMillan, B., Mahr, T., & Edwards, J. (2015). Variability in the language environment predicts 3-year-olds' working memory. Paper presented at the Workshop on extensive and intensive recordings of children's language environment at the Ecole Normale Supérieure, Paris, France, 7-8 December.

Kapnoula, E., Edwards, J., & McMurray, R. (2015). Gradient categorization of speech sounds helps listeners recover from lexical garden paths. Paper presented at the Auditory Perception, Cognition, and Action Affiliate Meeting to the 56th Meeting of the Psychonomics Society, Chicago, IL, 19 November.

Mahr, T. & Edwards, J. (2015). Using language input and lexical processing to predict vocabulary size. Poster presented at the 56th Meeting of the Psychonomics Society, Chicago, IL, 19-22 November.

Law, F., Mahr, T., & Edwards, J. (2015). Exploring effects of expressive vocabulary size and maternal education on lexical processing by preschoolers using the visual world paradigm. Paper presented at the Boston University Conference on Child Language Disorders, Boston, MA, 13-15 November.

Cline, S., Johnson, A., Beckman, M. E., Edwards, J., & Munson, B. (2015). Child-level factors and acquisition of the /t-/k/ contrast: Perception. Poster presented at the 2015 Annual Conference of the American Speech-Language-Hearing Association. Denver, CO, 12-14 November.

Johnson, A., Cline, S., Beckman, M. E., Munson, B., & Edwards, J. (2015). Child-level factors and acquisition of the /t-/k/ contrast: Perception. Poster presented at the 2015 Annual Conference of the American Speech-Language-Hearing Association. Denver, CO, 12-14 November.

Edwards, J. & Mahr, T. (2015). Speech perception and spoken word recognition in young children. Invited talk presented at the Fall 2015 Meeting of the Acoustical Society of America, Jacksonville, FL, 2-6 November.

Kong, E. & Edwards, J. (2015). Individual differences in L2 learners' perceptual cue weighting patterns. Poster presented at the International Conference of Phonetic Sciences. Glasgow, Scotland, 10-14 August.

Nicholson, N., Reidy, P., Munson, B., Beckman, M. E., & Edwards, J. (2015). The acquisition of English lingual sibilant fricatives in very young children: Effects of age and vocabulary size on transcribed accuracy and acoustic differentiation. Paper to be presented at the International Conference of Phonetic Sciences. Glasgow, Scotland, 10-14 August.

Reidy, P., Beckman, M. E., Litovsky, R., & Edwards, J. (2015). The acquisition of English sibilant fricatives by children with bilateral cochlear implants. Poster presented at the International Conference of Phonetic Sciences. Glasgow, Scotland, 10-14 August.

Erskine, M., Mahr, T., Beckman, M. E., Munson, B., & Edwards, J. (2015). A mediation model of the relationships among phonological awareness, vocabulary size, and speech perception in preschool children. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 11-13 June.

Venker, C., Haebig, E., Saffran, J., Edwards, J., & Ellis Weismer, S. (2015). Assessing early language comprehension in young children with ASD: Comparing looking-while-listening and parent report. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 11-13 June.

Winn, M., Edwards, J., & Litovsky, R. (2015). The relationship between phonetic cue weighting and listening effort in listeners with cochlear implants. Invited talk presented at the 169th Meeting of the Acoustical Society of American, Pittsburgh, PA, 18-22 May.

Venker, C.E., Winn, M.B., Ellis Weismer, S., Saffran, J., & Edwards, J. (2015). Mutual exclusivity in young children with ASD: An eye-gaze study. Poster presented at the 2015 International Meeting for Autism Research, Salt Lake City, UT, 13-16 May.

Ellis Weismer, S., Haebig, E.K., Edwards, J., Saffran, J., & Venker, C. (2015). Lexical processing by toddlers with ASD. Poster presented at the 2015 International Meeting for Autism Research, Salt Lake City, UT, 13-16 May.

Erskine, M., Beckman, M.E. & Edwards, J. (2014). Evaluating nonword repetition as an implicit phonological awareness task for preschool children. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Orlando, FL, 20-22 November.

Mahr, T., McMillan, B., Saffran, J., & Edwards, J. (2014). Infants are sensitive to coarticulatory cues during word recognition. Paper presented at the Boston University Conference on Child Language Disorders, Boston, MA, 7-9 November.

Winn, M., Edwards, J., & Litovsky, R. (2014). Measuring listening effort in CI listeners using pupil dilation. Paper presented at the 8th International Symposium on Objective Measures in Auditory Implants, Toronto, Ontario, Canada, 15-18 October.

Mahr, T., McMillan, B., Saffran, J., & Edwards, J. (2014). Are infants sensitive to anticipatory coarticulation during word recognition? Paper presented at the 19th Mid-Continental Phonetics & Phonology Conference, Madison, WI, 12-14 September.

Kapnoula, E., McMurray, B., Winn, M., Kong, E., & Edwards, J. (2014). Individual differences in phoneme categorization: dissociating gradiency from multiple cue use. Paper presented at the 19th Mid-Continental Phonetics & Phonology Conference, Madison, WI, 12-14 September.

Beckman, M. E., Munson, B., & Edwards, J. (2014). Effects of speaker language and listener language on children's stop place. Poster presented at the 14th Laboratory Phonology Conference, Tokyo, Japan, 25-27 July.

Braxton, R. & Edwards, J. (2014). Dialect density and lexical processing efficiency in preschool African American English-speaking children. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 12-14 June.

Erskine, M., Beckman, M.E. & Edwards, J. (2014). Evaluating an implicit measure of phonological awareness in preschool children. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 12-14 June.

Mahr, T., Law, F., & Edwards, J. (2014). The influence of home language input and lexical processing efficiency on vocabulary size in 3-year-olds. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 12-14 June.

Edwards, J. (2014). Cross-linguistic phonological development: Implications for clinical practice. Invited talk presented at Mayfest, University of Maryland, College Park, MD, 1-2 May.

Winn, M., Litovsky, R., & Edwards, J., (2014). Listening effort measured via pupil dilation: outcome measure of cochlear implant frequency-electrode allocation adjustment. Poster presented at the Association for Research in Otolaryngology 37th Midwinter Meeting, San Diego, CA, 22-26 February.

Winn, M., Edwards, J., & Litovsky, R. (2013). The impact of spectral resolution on listening effort revealed by pupil dilation. Paper presented at the 166th Meeting of the Acoustical Society of America, San Francisco, CA, 2-6 December.

Bernstein, S., Todd, A., & Edwards, J. (2013). How do adults perceive the speech of children with cochlear implants? Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Edwards, J., Rosin, M., Gross, M., & Chen, J. (2013). Dialect mismatch and its implications for academic achievement. Seminar presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Evans, K., Munson, B., & Edwards, J. (2013). The influence of perceived race on ratings of children's speech I: Accuracy ratings. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Hess, C., Litovsky, R., & Edwards, J. (2013). Speech discrimination and spatial hearing in toddlers with cochlear implants. Seminar presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Munson, B., Hogen, A., & Edwards, J. (2013). The influence of perceived race on ratings of children's speech II: Word identification. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Schneeberg, A., Edwards, J., & Lee, D. (2013). The influence of socioeconomic status on online lexical processing of preschool children. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Williams, A. L., Edwards, J., Munson, B., Glaspey, A., & Velleman, S. (2013). Assessment of speech sound disorders: Clinical decision-making. Invited short course presented at the Annual Conference of the American Speech-Language-Hearing Association, Chicago, IL, 14-16 November.

Lee, C., Kaplan, D., & Edwards, J. (2013). A Bayesian hierarchical model of eye-tracking data with

implication for the development of online lexical processing. Poster presented at the International Meeting of the Psychometric Society, Arnhem, The Netherlands, 22-26 July.

Mahr, T. & Edwards, J. (2013). Do orienting stimuli create additional task demands in the looking-while-listening paradigm? Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 6-8 June.

Schneeberg, A., Edwards, J., & Lee, C. (2013). The relationship between online lexical processing and expressive vocabulary in a diverse group of young children: An eye-tracking study. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 6-8 June.

Edwards, J. (2013). Cross-linguistic phonological development: Implications for clinical practice. Invited talk presented at the University of Sydney, Sydney, Australia, 22 March.

Edwards, J. (2013). Individual differences in speech perception: Categorical perception and executive function. Invited talk presented at MARCS, University of Western Sydney, 4 March.

Edwards, J., (2013). Dialect mismatch: Implications for academic achievement. Invited talk presented at Charles Sturt University, Bathurst, Australia (and to Wagga, Albury, and Dubbo via videoconference), 25 February.

Edwards, J., (2013). Phonological development: The acquisition of a (really) complex system. Invited talk at Macquarie University, Sydney, Australia, 13 February.

Rosin, M. M., Edwards, J., Manning, B., Schneeberg, A., & Richmond, E. (2012). TALK: A prekindergarten curriculum supplement for non-mainstream English dialect users. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Atlanta, GA, 15-17 November.

Law II, F., Edwards, J. & Chen, J. (2012). Exploring lexical and phonological development in preschoolers: An eyetracking study. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, Atlanta, GA, 15-17 November.

Kong, E. & Edwards, J. (2012). Individual differences in categorical speech perception. Paper presented at the 13th Laboratory Phonology Conference, Stuttgart, Germany, 27-29 July.

Law II, F., Chen, J., & Edwards, J. (2012). Examining individual differences using the mispronunciation paradigm. Poster presented at EyeTracKids: Eye Tracking Methodology in Child and Infant Research, Minneapolis, MN, 6 June.

Edwards, J., Rosin, M.M., Manning, B., Schneeberg, A., & Richmond, E. (2012). Increasing awareness of “school talk”: A focused intervention for pre-kindergarten children who speak a non-mainstream English dialect. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 7-9 June.

Syrika, A., Kong, E. J., & Edwards, J. (2011). Development of coarticulation in Greek consonant clusters: Psychoacoustic data. Poster presented at the Annual Conference of the American Speech-Language-Hearing Association, San Diego, CA, 17-19 November.

Edwards, J., Beckman, M.E., & Munson, B. (2011). How a cross-linguistic study of phonological development can inform clinical practice. Invited talk presented at the Annual Conference of the American Speech-Language-Hearing Association, San Diego, CA, 17-19 November.

Beckman, M. E., Munson, B., & Edwards, J. (2011). Methodological issues in the analysis of phonotactic probability effects in nonwords. Paper presented at the International Congress of Phonetic Sciences, Hong Kong, 17-21, July.

Kong, E. J., & Edwards, J. (2011). Individual differences in speech perception: evidence from visual analogue scaling and eye-tracking. Paper presented at the International Congress of Phonetic Sciences, Hong Kong, 17-21, July.

Syrika, A., Kong, E. J., & Edwards, J. (2011). Velar softening: an acoustic study in Modern Greek. Paper presented at the International Congress of Phonetic Sciences, Hong Kong, 17-21, July.

Todd, A. Edwards, J., & Litovsky, R. (2011). The influence of phonotactic probability on repetition accuracy of nonwords by children with cochlear implants. Poster presented at the Conference on Implantable Auditory Prostheses, Pacific Grove, CA, 24-29, July.

Todd, A. Edwards, J., & Litovsky, R. (2011). Influence of phonotactic probability on production accuracy of children with cochlear implants. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, 9-11, June.

Monnin, J., Loevenbruck, H., Beckman, M. E., & Edwards, J. (2011). Vowel context and frequency effects in dorsal and coronal acquisition in Drehu and French. Poster presented at the 9th International Seminar on Speech Production, Montreal, 20-23 June.

Beckman, M. E., Edwards, J., & Munson, B. (2011). Developing acoustic measures to evaluate the emergence of phonological contrast. Invited paper presented at the 161th Meeting of the Acoustical Society of America, Seattle, WA, 23-27 May.

Chung, H., Kong, E. J., Edwards, J., & Weismer, G. (2011). A cross-linguistic developmental study of vowel spectral movement patterns. Poster presented at the 161th Meeting of the Acoustical Society of America, Seattle, WA, 23-27 May.

Kong, E. J., & Edwards, J. (2011). Gradient perception of laryngeal contrast of stops in English and Korean: Eye-tracking evidence. Poster presented at the 161th Meeting of the Acoustical Society of America, Seattle, WA, 23-27 May.

Li, F., Beckman, M. E., & Edwards, J. (2011). Similarities and differences in the development of sounds "s" and "sh" in English and Japanese. Poster presented at the 2011 Biennial Meeting of the Society for Research in Child Development, Montreal, 31 March - 2 April.

Edwards, J., Beckman, M.E., Munson, B., Kong, E., & Li, F. (2010). Phonological development: The acquisition of a (really) complex system. Talk presented at the Annual Conference of the American Speech-Language-Hearing Association, 18-20 November, Philadelphia, PA.

Edwards, J., Gross, M., Macdonald, M., Brown, M., & Seidenberg, M. (2010). Code-switching from non-mainstream to mainstream English: Categorization, comprehension, and executive functioning. Poster presentation at the Annual Conference of the American Speech-Language-Hearing Association, 18-20 November, Philadelphia, PA.

Gross, M., Edwards, J., Macdonald, M., Brown, M., & Seidenberg, M. (2010). Examining comprehension of Standard American English by African American English-speaking children. Poster presentation at the Symposium for Research in Child Language Disorders. June 3-5, Madison, WI.

Johnson, J.M., Munson, B., & Edwards, J. (2010). The role of clinical experience in listening for phonetic detail in children's speech. Poster presentation at the Symposium for Research in Child Language Disorders. June 3-5, Madison, WI.

Todd, A. E., Edwards, J., Litovsky, R. Y., & Li, F. (2010). Production of sibilant fricatives by children with cochlear implants. Poster presented at the 159th Meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Kong, E., Beckman, M. E., & Edwards, J. (2010). Why are Korean tense stops mastered early? Evidence from production and perception. Poster presented at the 159th Meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Munson, B., Menard, L., Beckman, M.E., Edwards, J., & Chung, H. (2010). Sensorimotor maps and vowel development in English, Greek, and Korean: A cross-linguistic perceptual categorization study. Poster presentation at the 159th meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Arbisi-Kelm, T., Edwards, J., Munson, B., & Kong, E.-J. (2010). Cross-linguistic perception of velar and alveolar obstruents: A perceptual and psychoacoustic study. Poster presentation at the 159th meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Julien, H., Munson, B., Edwards, J., Beckman, M., & Holliday, J. (2010). Modifying speech to children based on perceived developmental level: An acoustic study of adults' fricatives. Poster presentation at the 159th meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Syrika, A., Edwards, J., Fourakis, M., Kong, E.-J., Munson, B., & Edwards, M.E. (2010). Why [spa] not [psa]? On the perceptual salience of initial /s/-stop and stop-/s/ sequences. Poster presentation at the 159th meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Chung, H., Edwards, J., Weismer, G., Kong, E.-J., Munson, B., & Beckman, M.E. (2010). Korean listeners' sensitivity to language-specific phonetic details of children and adults' vowel production in five different languages. Poster presentation at the 159th meeting of the Acoustical Society of America, 19-23 April, Baltimore, MD.

Edwards, J., Beckman, M.E., Munson, B., Kong, E., & Li, F. (2010). Phonological development: The acquisition of a (really) complex system. Seminar presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.

Kaiser, E., Munson, B., Li, F., Holliday, J., Beckman, M., Edwards, J., & Schellinger, S. (2009). Why do adults vary in how categorically they rate the accuracy of children's speech? Poster presentation at the 157th meeting of the Acoustical Society of America, 20-24 April, Portland, OR.

Edwards, J., & Munson, B. (2009). Clinical Transcription: Old Concerns, New Solutions. Oral presentation (as part of the panel Clinical Tools for Representing Speech Productions: Transcription and Beyond [T. Brackenbury, Organizer]) at the Annual Meeting of the American Speech-Language-Hearing Association, New Orleans, LA, November 19-21.

Kong, E., Beckman, M., & Edwards, J. (2009). Nasal venting and the early mastery of Greek voiced stops. Paper presented at the 9th International Conference on Greek Linguistics, 29-31 Oct., Chicago, IL.

Syrika, A., Edwards, J., Li, F., Beckman, M., & Munson, B. (2009). Coarticulation of /s/ with following or preceding stops in Greek consonant sequences. Paper presented at the 9th International Conference on Greek Linguistics, 29-31 Oct., Chicago, IL.

Syrika, A., Edwards, J., Li, F., Beckman, M., & Munson, B. (2009). Transitional cues in fricative noise in Greek /s/-stop and stop-/s/ sequences: Children versus adults. Poster presented at the 158th meeting of the Acoustical Society of America, 26-30 Oct., San Antonio, TX.

Todd, A., Edwards, J., Litovsky, R., Li, F., Zettler, C., & Beckman, M. E. (2009). Acoustic characteristics of sibilant fricatives in children with cochlear implants. Poster presented at the 2009 Conference on Implantable Auditory Prostheses, July 24-29, Asilomar, CA.

Todd, A., Edwards, J., Litovsky, R., Li, F., Zettler, C., & Beckman, M. E. (2009). Analysis of "s" and "sh" in children with cochlear implants. Poster presented at the 30th Symposium on Research in Child Language Disorders, 4-6 June 2009.

Sweet, E., Edwards, J., Litovsky, R., Zettler, C., Beckman, M. E., & Arbisi-Kelm, T. (2009). Nonword repetition accuracy of children with bilateral cochlear implants. Poster presented at the 30th Symposium on Research in Child Language Disorders, 4-6 June 2009.

Schellinger, S., Meyer, M. K., Munson, B., Edwards, J., & Beckman, M. E. (2009). The role of listener expectations on judgments of children's /s/ productions, revisited. Poster presented at the 30th Symposium on Research in Child Language Disorders, 4-6 June 2009.

Kaiser, E., Munson, B., Li, F., Holliday, J., Beckman, M. E., Edwards, J., & Schellinger, S. (2009). Why do adults vary in how categorically they rate the accuracy of children's speech? Poster presented at the 157th Meeting of the Acoustical Society of America, 18-22 May 2008.

Arbisi-Kelm, T., Beckman, M. E., Kong, E., & Edwards, J. (2009). Psychoacoustic measures of spectral properties of Cantonese, Greek, English, Japanese lingual stop bursts. Paper presented at the 2009 Linguistics Society of America Convention, San Francisco, 9-11 January 2009.

Kong, E., Beckman, M. E., & Edwards, J. (2009). VOT is necessary but not sufficient for describing the voicing contrast in Japanese. Paper presented at the 2009 Linguistics Society of America Convention, San Francisco, 9-11 January 2009.

Schellinger, S., Edwards, J., Munson, B., & Beckman, M. E. (2008). Assessment of phonetic skills in children 1: Transcription categories and listener expectations. Poster presented at the 2008 ASHA Convention, Chicago, 20-22 November 2008.

Syrika, A., Edwards, J., Li, F., & Beckman, M. E. (2008). Covert contrast in the acquisition of stop-/s/ sequences in Greek. Paper presented at the 2008 ASHA Convention, Chicago, 20-22 November 2008.

Arbisi-Kelm, T., Beckman, M. E., Kong, E., & Edwards, J. (2008). Psychoacoustic measures of stop production in Cantonese, Greek, English, Japanese, and Korean. Paper presented at the 156th Meeting of the Acoustical Society of America, Miami, 10-14 November 2008

Chung, H., Edwards, J., & Weismer, G. (2008). Cross-linguistic acquisition of vowels: English, Korean, Greek, and Cantonese. Paper presented at the 156th Meeting of the Acoustical Society of America, Miami, 10-14 November 2008. [This paper was also selected for publication in a lay language version as "A vowel by the same name is not necessarily the same: Kids mimic adults vowels" on the [ASA World Wide Press Room](#).]

Li, F., Kong, J., Beckman, M., & Edwards, J. (2008). Adult acoustics and developmental patterns for gender-marked phonetic variants in Mandarin fricatives and Japanese stops. Poster presented at LabPhon11, 30 June - 2 July 2008, Victoria University of Wellington, Wellington, New Zealand.

Beckman, M.E., & Edwards, J. (2008). Generalizing over lexicons to predict consonant mastery. Paper presented at the 11th Laboratory Phonology Conference, Wellington, New Zealand, June 30-July 2.

Chung, H., Edwards, J., & Weismer, G. (2008). Cross-linguistic acquisition of vowels: English, Korean, Greek and Cantonese. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, June 5-7.

Schellinger, S., Edwards, J., Munson, B., & Beckman, M. E. (2008). The role of listener expectations on judgments of children's /s/ productions. Poster presented at the Symposium for Research in Child Language Disorders, Madison, WI, June 5-7.

Edwards, J. (2008). Transcription as a data analysis tool: How valid is it? Paper presented at the Child Phonology Conference, West Lafayette, IN, June 1-3.

Chung, H., Edwards, J., & Weismer, G. (2008). Cross-linguistic acquisition of vowels: English, Greek, Korean, and Cantonese. Poster presented at the Child Phonology Conference, West Lafayette, IN, June 1-3.

Schellinger, S., Edwards, J., Munson, B., & Beckman, M. E. (2008). Does "close" count in transcription as well as in horseshoes? Poster presented at the Child Phonology Conference, West Lafayette, IN, June 1-3.

Syrika, A., Edwards, J., Fanfang, Li, & Beckman, M. E. (2008). Covert contrast in the acquisition of stop-/s/ sequences in Greek. Poster presented at the Child Phonology Conference, West Lafayette, IN, June 1-3.

Munson, B., Li, F., Yoneyama, K., Hall, K. C., Beckman, M. E., Edwards, J., & Sunawatari, Y. (2008). Language-specific production and perception of sibilant fricatives in Japanese and English. Paper presented at the 82nd Annual Meeting of the Linguistics Society of America, Chicago, IL, January 3-6.

TEACHING EXPERIENCE

Courses taught at University of Maryland

Speech Production Through the Life Span (graduate)

Foundations of Scientific Inquiry (graduate)

Language and Poverty (doctoral seminar, co-taught with Professor Jeff Lidz, Linguistics)

Courses taught at University of WI-Madison:

Experimental Phonetics (doctoral seminar)

Language Acquisition (undergraduate and graduate)

Language-Learning Disorders: Assessment (graduate)

Language-Learning Disorders: Remediation (graduate)

Phonetics and Phonological Development (undergraduate)

Pediatrics Capstone (graduate)

Phonological Development and Disorders (graduate)

Phonological Development (doctoral seminar)

Proseminar (doctoral seminar)

Theory to Practice (doctoral seminar)

Individual student mentoring at University of Maryland

Current PhD students

Michelle Erskine (2016-present)

Allie Johnson (2016-present)

Christina Blomquist (2017-present)

Zach Maher (2017-present)

PPC Member (PhD students)

Julianne Garbarino (2016-present), Alix Kowalski (2016-present), Amritha Mallikarjun (2016-present),
Melissa Stockbridge (2016-present), Arifi Waked (2016-present)

Advisor (MA thesis)

2017-2019 Brianna Johnson

2017-2019 Nora Leonard

Committee member (undergraduate theses)

2016-2017: Elinore Leonard

2017-2018: Emily Waddington

Committee member (MA theses)

2016-2017: Erica Lescht, Courtney Luckman, Andrea Pham

2017-2018: Andrea Azem

Candidacy papers

2016-2017: First reader: Sarah Aylor, Danielle Dubis, Molly Grigg, Sarah Thibreau. Second reader: Caroline Kettl, Kelly Offutt

2017-2018: First reader: Evelyn Olivero, Audry Tafoya, Jayna Roscoe, Catherine Zaczek. Second reader: Janelle Thompson.

Individual student mentoring at University of WI-Madison

Undergraduate

2008, Alison Greul, “Phonological awareness of children with hearing impairment: Evidence from looking while listening” (undergraduate honors thesis, Hilldale Award [\$4000], co-advisor with Jenny Saffran).

2010, Amy Andrewzewski, “Influence of listener bias on children’s /k/ and /t/ perception” (undergraduate honors thesis, Hilldale Award [\$4000]).

2011, Carly Lyn Faulhaber, “Speech perception in musicians and non-musicians” (undergraduate honors thesis, Hilldale Award [\$4000]).

2011, Ekaterina Derdermezis, “Gestural drift in Greek-English bilingual speakers’ stop consonant productions” (undergraduate thesis).

2012, Nicole Breunig, “Does production of final consonant clusters by African American English-speaking children predict their comprehension of Standard American English?” (undergraduate honors thesis).

2012, Elizabeth Machurick, “Differences in rime duration between words with target final consonants and words with target final clusters in productions of children who speak AAE” (undergraduate thesis).

2013, Sara Bernstein, S. “How do adults perceive the speech of children with cochlear implants?” (undergraduate honor’s thesis, Ann Todd, co-advisor).

2013, Allison Johnson. “Effects of phonemic variability and language dominance on Canadian French-English bilinguals’ perception of French vowels in various phonological contexts” (undergraduate honor’s thesis, Franzo Law, co-advisor).

2014: Kelly Jorgensen. “Influence of listener and speaker dialect on the effect of phonotactic probability on wordlikeness judgments.” (undergraduate honors thesis, Hilldale Award [\$3000]).

2014: Jacob Fleming, Faculty advisor for an International Learning Community Research Grant

2015: Bianca Schroeder. “The relationship between lexical-phonetic development and socio-phonetic development.” (undergraduate honors thesis, Hilldale Award [\$3000]).

2016: Danielle Revai. “Production and perception of stop contrasts in children with normal hearing and with cochlear implants.” (undergraduate honors thesis, Hilldale Award [\$3000]).

2016: Olan Munson. “Relationships among quality and quantity of maternal input and vocabulary size in 3-year-olds.” (undergraduate honors thesis).

Masters

2009, Ann Todd, "Production of sibilant fricatives children with cochlear implants: Transcription and acoustic analysis" (MS thesis).

2009, Emilie Sweet, "Nonword repetition accuracy of children with cochlear implants (MS thesis).

2011, Ryan Sovinski, "Perceptual validation of a robustness of contrast in articulation measure" (MS thesis).

2012, Brittany Manning, "TALK (Talk and learn for kindergarten): Enhancing dialect knowledge and pre-literacy skills in preschool children (MS thesis).

2013, Alissa Schneeberg, "The relationship between online lexical processing and expressive vocabulary size in a diverse group of young children: An eye-tracking study." (MS thesis).

2014, Ruby Braxton. "The relationship among dialect density, vocabulary size, and lexical processing efficiency in preschool-aged children." (MS thesis).

2015: Kayla Kristensen. "Relating decreased acoustic contrast to intelligibility: Perceptual consequences for children with cochlear implants." (MS thesis).

2015: Megan Flood. "Quality versus quantity: An investigation of the impact of home language and maternal education level on young children's vocabulary size." (MS thesis).

2015, Michelle Erskine. "Predictors of phonological awareness in 4-year-olds: Role of speech perception, expressive vocabulary, and nonword repetition accuracy." (MS thesis).

2015. Allison Johnson. "Individual differences in the acquisition of a robust voicing contrast." (MS thesis).

2016. Rebecca Hatch. "Vocalic influences on sibilant fricative production in young children with cochlear implants" (MS thesis).

2016. Mia Kim. "Perceptual robustness of contrast for /r/-/w/ in young children." (MS thesis).

2016. Elizabeth Eitel. "Quality and quantity of home language input to 2-year-olds as prospective predictors of vocabulary size of 3-year-olds." (MS thesis).

Completed Post-Doctoral students (UW-Madison only)

Tim Arbisi-Kelm, post-doc from 2006-2009, currently research associate at University of Iowa.

Eunjong Kong, post-doc from 2009-2011, currently associate professor in the English department of the Korean Aerospace University.

Franzo Law II, post-doc from 2011-2015.

Matt Winn, post-doc from 2012-2014 (co-advised with Ruth Litovsky), current assistant professor the Speech-Language-Hearing Sciences department at the University of Washington.

Patrick Reidy, post-doc from 2015-2016, currently post-doc at University of Texas-Dallas.

Current PhD students (UW-Madison)

Tristan Mahr (2010-present)

Completed PhD students (UW-Madison only)

Advisor: Asimina Syrika (2009, “Acquisition of clusters in Greek: Evidence from transcription, perception, and acoustics”), currently speech-language pathologist, Minneapolis, MN.

Advisor: Hyunju Chung (2010, “Evidence of fine phonetic detail in children’s and adults’ vowels: Cross-linguistic production and perception studies”), currently in a post-doctoral position at the University of Alberta, Edmonton.

Committee member: David Race (2006), Katherine Graf-Estes (2007), James Keidel (2007), Sarah Sahni (2008), Beth Roos Eernisse (2009), Christina Kuo (2011), Courtney Karasinski (2011), Megan Brown (2012), Christi Hess (2013), Courtney Venker (2013), Sara Misurelli (2014), Jeewon Yoo (2014), Collette Fischer (2015), Eileen Haebig (2015), Brianna McMillan (2016), Megan Gross, 2018).

Student awards at UW-Madison

Alison Greuel, Undergraduate Hilldale award, 2008.
Amy Andrewzewski, Undergraduate Hilldale award, 2010.
Carly Falhauber, Undergraduate Hilldale award, 2011.
Ryan Sovinski, ASHA SPARC award, 2011.
Tristan Mahr, ASHA SPARC award, 2012.
Kelly Jorgensen, Undergraduate Hilldale award, 2013.
Michelle Erskine, ASHA SPARC award, 2013.
Tristan Mahr, BUCLD travel award, 2014.
Tristan Mahr, Emma Allen award, 2014.
Bianca Schroeder, Undergraduate Hilldale award, 2014.
Danielle Revai, Undergraduate Hilldale award, 2015.
Jacob Fleming, Undergraduate Hilldale award, 2015.

Other Department Service (at University of Maryland)

Co-Organizer, HESP weekly seminar series, 2017 - present
Faculty advisor, Cultural and linguistic diversity emphasis program (MA special track), 2018-present
Chair, Programs & Curriculum Committee, 2018 - present

Chair, ad-hoc space committee, Fall 2016 semester
Co-chaired chair review, Spring 2017 semester
Search committee, Fall 2018 semester

Service to Language Science Center (at University of Maryland)

Executive committee member, 2016 – present
Co-organizer Language and Poverty: Home, School, and Society Workshop (3/10/17)
Faculty advisor, Winter Storm (2017-2018)

University Service (at University of Maryland)

BSOS All-Star review committee 2018, committee member

Holistic admissions committee member, 2017-present

OTHER PROFESSIONAL ACTIVITY:

Professional Memberships and Service (last ten years)

1. ASHA peer mentor, June 2017-present
2. Member of ASHA 2015 Communication Sciences Topic Committee
3. Member of International Expert Panel on Multilingual Children's Speech, 2012-present
4. Member of ASHA 2014 Speech Sound Disorders Topic Committee
5. Member of ASHA 2013 Infant/Toddler/Preschool Language Topic Committee
6. Edited special issue of ASHA *Special Interest Division 1 Newsletter* (2012) on current approaches to assessment and remediation of speech sound disorders.
7. Standing member of NIH study section (LCOMM): 2007-2011.
8. Associate Editor for Language, *Journal of Speech, Language, and Hearing Research*, 2001- 2003.
9. Member (ad-hoc) of NIH study sections, NIDCD, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2006, 2012, 2013, 2014, 2015.
10. Ad-hoc grant reviewer for NSF
11. Editorial consultant for Language, *Journal of Speech and Hearing Research*.
12. Reviewer of manuscripts for *Language, Journal of Memory and Language, Journal of Speech and Hearing Research, Language, Speech, and Hearing Services in Schools, American Journal of Speech-Language Pathology, Journal of the Acoustical Society of America, Journal of Phonetics, Phonetica, Language and Speech*, and the *Journal of the International Phonetic Association*.
13. Advisory Board, Bamford-Lahey Children's Foundation (2002-2008)