

Conference Bibliography – LENA User Presentations

The following research was presented by LENA users at major conferences. Click [here](#) for research presented at LENA Conferences.

2017

Gilkerson, J., & Richards, J. A. (2017, September). *Early childhood language environments predict outcomes in adolescence: Results from a 10-year longitudinal study using automated analysis*. Poster session presented at the American Academy of Pediatrics National Conference & Exhibition, Chicago, IL.

Yoo, H., Ramsay, G., Bene, E. R., Long, H., van Mersbergen, M., Buder, E. H., . . . Oller, D. K. (2017, November). *Volubility of infant distress vocalizations across the first year of life*. Seminar conducted at the American Speech-Language-Hearing Association Convention, Los Angeles, CA.

2016

Yoo, H., & Oller, D. K. (2016, November). *Temporal structure of turn-taking in parent-infant dyads: A naturalistic study with 0-3-month-olds*. Poster session presented at the American Speech-Language-Hearing Association Convention, Philadelphia, PA.

2015

Walle, E. A., & Warlaumont, A. S. (2015, July). *Infant locomotion, the language environment, and language development: A home observation study*. Paper presented at the 37th Annual Conference of Cognitive Science Society, Pasadena, CA.

Yoo, H., Buder, E. H., Lee, C. C., & Oller, D. K. (2015, November). *Temporal structure of parent vocal responsiveness to infant cry and protophones*. Seminar conducted at the American Speech-Language-Hearing Association Convention, Denver, CO.

2014

Ganek, H., & Eriks-Brophy, A. (2014, June). *Using the Language ENvironment Analysis (LENA) System to study language socialization practices*. Poster session presented at the Symposium on Research in Child Language Disorders, Madison, WI.

Lee, J., Ali, H., Ziaei, A., & Hansen, J. H. (2014, October). *Lombard effect based speech analysis across noisy environments for voice communications with cochlear implant subjects*. Poster session presented at the 168th Meeting of the Acoustical Society of America, Indianapolis, IN.

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

Warlaumont, A. S., Richards, J. A., Gilkerson, J., & Oller, D. K. (2014, July). *A dynamic social feedback loop leading to increased child speech*. Symposium conducted at the IASCL 2014, Amsterdam.

Yoo, H., Franklin, B., Bene, E. R., Jhang, Y. S., & Oller, D. K. (2014, November). *Infant vocalization in the first month of life*. Seminar conducted at the American Speech-Language-Hearing Association Convention, Orlando, FL.

2013

Bergeson, T. R., Beer, J., & Holt, R. F. (2013, October). *The role of family language environment in outcomes in school-age children with cochlear implants*. Poster session presented at the Cochlear Implant 2013 Symposium, Washington, D.C.

Bindman, S. W., Davis-Kean, P., & Morrison, F. (2013, April). *Links between maternal management language and preschoolers' executive function development: The moderating role of child temperament*. Paper presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.

Bindman, S. W., Davis-Kean, P., & Morrison, F. (2013, April). *Using voice-recording technology to study variability in mothers' management/ language across daily routines and days of the week*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.

- Dean, B. (2013, April). *A hidden world of song: Uncovering the independent singing of young children at home*. Paper presented at the 8th International Conference for Research in Music Education (RIME), Exeter, UK.
- Diemer, K., Meekhof, L., & Woude, J. V. (2013, November). *A twin study of the effects of pediatric dysphagia on later speech & language development*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.
- Franklin, B., Warlaumont, A., & Oller, D. K. (2013, November). *Infant volubility by random sampling from all-day recordings*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.
- Gilkerson, J., Richards, J. A., & Xu, D. (2013, November). *The effectiveness of LENA technology for changing parent behavior and accelerating child language development*. Paper presented at the 2013 ASHA Convention, Chicago, IL.
- Hallett, T., & Steiger, J. (2013, November). *Automated analysis of spoken word counts: A gender comparison*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.
- Han, M. K., Kirk, K., VanDam, M., Van Horne, A., Moeller, M. P., & Storkel, H. (2013, November). *New findings on the interaction of hearing & language*. Paper presented at the 2013 ASHA Convention, Chicago, IL.
- Messier, J., Pushaw, B., Diehm, E., Jackson, C., & Callender, M. (2013, November). *Using the LENA for language assessment: Advantages and disadvantages in clinical practice*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.
- Moore, J., Lewis, E., Smejdir, C., & Johnson, K. (2013, November). *If god can hear your most inner thoughts...Why are praise bands so loud?* Paper presented at the 2013 ASHA Convention, Chicago, IL.
- Moore, S., Schaller, S., & Wiggin, M. (2013, November). *Effectiveness of including LENA information in assessment of infants, toddlers, & preschoolers in TPBA*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.
- Muench, K., Ghai, S., Klin, A., & Ramsay, G. (2013, May). *Early vocal development in infants at risk of autism: Prosodic development, social interaction, and outcome*. Paper presented at the 2013 International Meeting for Autism Research, San Sebastian, Spain.
- Otero, N., Weisleder, A., Marchman, V., Hurtado, N., Limon, V., & Fernald, A. (2013, April). *Early language experience predicts processing efficiency and vocabulary in Spanish-learning infants in the U.S. and Mexico*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Richards, J. A., Zhang, Y., Jiang, F., Gilkerson, J., & Xu, D. (2013, April). *Increasing parent talk in Shanghai: Preliminary findings from a collaborative LENA-based language enhancement program*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Smith, V., & Patterson, S. (2013, May). *Parents and their toddlers with autism: The impact of the More than Words parent-training program*. Paper presented at the 2013 International Meeting for Autism Research, San Sebastian, Spain.
- Smith, V., Patterson, S. Y., & Sliwkanich, E. (2013, April). *Parents and their toddlers with autism: The impact of the MTW parent-training program*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Soderstrom, M., Wittebolle, K., & Simon, M. (2013, April). *Similarities and differences in linguistic environment across three childcare settings*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Suskind, D. (2013, April). *Addressing the achievement gap for children living in poverty*. Plenary address presented at the 12th Annual Early Hearing Detection and Intervention Conference, Glendale, AZ.
- Suskind, D. (2013, July). *Project ASPIRE: Addressing language disparities for children with hearing loss*. Paper presented at the AG Bell 2013 Listening and Spoken Language Symposium, Los Angeles, CA.
- Suskind, D., & Tannenbaum, S. (2013, November). *Project ASPIRE: Understanding & addressing disparities in pediatric hearing loss*. Paper presented at the 2013 ASHA Convention, Chicago, IL.
- VanDam, M., & Silbert, N. H. (2013, June). *Precision and error of automatic speech recognition*. Poster session presented at the 165th Meeting of the Acoustical Society of America, 21st International Congress on Acoustics, and 52nd Meeting of the Canadian Acoustical Association, Montreal, Quebec, Canada.

- Warlaumont, A. S., Richards, J. A., Gilkerson, J., & Oller, D. K. (2013, November). *The role of adult responses in speech-language development in autism: New evidence from LENA recordings*. Paper presented at the 2013 ASHA Convention, Chicago, IL.
- Warlaumont, A., Oller, D. K., Buder, E., Ramsdell, H., Iyer, S., Franklin, B., . . . Dale, R. (2013, November). *Computational modeling of infant vocal development*. Paper presented at the 2013 ASHA Convention, Chicago, IL.
- Weisleder, A., Hurtado, N., & Fernald, A. (2013, April). *Early language experience predicts use of 'mutual exclusivity' bias in low-SES Latino children*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Wiggin, M., & Yoshinaga-Itano, C. (2013, April). *Intervention efficacy: What does intervention really look like?* Paper presented at the 12th Annual Early Hearing Detection and Intervention Conference, Glendale, AZ.
- Xu, D., Gilkerson, J., & Richards, J. A. (2013, April). *Identifying parent-child synchrony in naturalistic daylong recordings in the home environment*. Poster session presented at the 2013 Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Yoshinaga-Itano, C., & Beams, D. (2013, April). *Using LENA to support parent-child interactions with Spanish-speaking families*. Paper presented at the 12th Annual Early Hearing Detection and Intervention Conference, Glendale, AZ.
- Younes, C., & Moore, J. A. (2013, November). *Simultaneous language acquisition of Arabic and English in a two-year old child*. Poster session presented at the 2013 ASHA Convention, Chicago, IL.

2012

- Aldosari, M., Almuslanani, A., Wilson, F., & Gilkerson, J. (2012, May). *Validation of Language Environment Analysis (LENA) in Arabic-speaking individuals*. Poster session presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- Ambrose, S., VanDam, M., & Moeller, M. P. (2012, June). *Relationship between language input, television exposure, and the language development of toddlers with hearing loss*. Paper presented at the 33rd Annual Symposium on Research in Child Language Disorders, Madison, WI.
- Fernald, A. (2012, June). *The poverty of the stimulus: Why early experience with language really matters*. Paper presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Ganek, H., Bervinchak, D. G., Ceh, K. M., Lehnert, K., & Lin, F. (2012, May). *Using the Language Environment Analysis (LENA) system in a clinical setting*. Paper presented at the 12th International Conference on Cochlear Implants and Other Implantable Auditory Technologies, Baltimore, MD.
- Gilkerson, J., Richards, J. A., & Xu, D. (2012, May). *Using automated analysis to monitor the language experience of children during therapy, preschool and with primary caregivers*. Paper presented at the International Meeting for Autism research, Toronto, Ontario, Canada.
- Gilkerson, J., Richards, J. A., & Xu, D. (2012, June). *Automated measurement of naturalistic caregiver responsiveness: An investigation of response time and child language skills*. Poster session presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Menn, L. (2012, June). *Problems in testing an acquisition model: What counts as frequency?* Paper presented at the 2012 International Child Phonology Conference, Minneapolis, MN.
- Morrison, H. M., & Lew, V. (2012, June). *An analysis of the natural language environments of children with hearing loss: The impact of home language and maternal education level*. Poster session presented at the Alexander Graham Bell 2012 Convention, Scottsdale, AZ.
- Otero, N., Hurtado, N., Weislander, A., & Fernald, A. (2012, June). *Linking early language experience to processing efficiency in low-and high-SES Spanish-learning infants in the US and Mexico*. Poster session presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Ramsay, G., Muench, K., & Klin, A. (2012, May). *Early vocal development in infants at risk of autism: Prosody and social interaction*. Poster session presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- Richards, J. A., Gilkerson, J., & Xu, D. (2012, June). *Using automated vocal analysis to predict language delay: A comparison of LENA System measures with standard assessments*. Paper presented at the 33rd Annual Symposium on Research in Child Language Disorders, Madison, WI.

- Richards, J. A., Xu, D., & Gilkerson, J. (2012, May). *Naturalistic daylong audio monitoring using LENA: Current and potential applications*. Poster session presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- Suskind, D., Leffel, K., Sapolich, S., & Nevins, M. E. (2012, March). *Project ASPIRE update: Developing a parent-directed curriculum for underserved children who are deaf or hard-of-hearing*. Paper presented at the 11th Annual Early Hearing and Detection Intervention Meeting, St. Louis, MO.
- Weisleder, A., Hurtado, N., Otero, N., & Fernald, A. (2012, June). *A crucial role for early language experience in the development of fast mapping*. Paper presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Xu, D., Gilkerson, J., & Richards, J. A. (2012, August). *Objective child behavior measurement with naturalistic daylong audio recording & its application to autism identification*. Paper presented at the 34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, San Diego, CA.
- Xu, D., Gilkerson, J., & Richards, J. A. (2012, June). *A study on child phonetic development with an objective and automated approach*. Poster session presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Xu, D., Gilkerson, J., & Richards, J. A. (2012, September). *Objective child vocal development measurement with naturalistic day long audio recording*. Paper presented at the InterSpeech 2012 - 13th Annual Conference of the International Speech Communication Association, Portland, OR.
- Xu, D., Gilkerson, J., Richards, J. A., & Rosenberg, S. A. (2012, May). *Unique acoustic characteristics of children with autism and their caregivers: A comparison with language delayed and typically developing counterparts*. Paper presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- Xu, D., Gilkerson, J., Richards, J. A., Hansen, J., & Yoshinaga-Itano, C. (2012, September). *Identifying impact factors of language development in young children's natural home environment*. Poster session presented at the WOCCI 2012 - Workshop on Child, Computer and Interaction, Portland, OR.
- Xu, D., VanDam, M., Gilkerson, J., Ambrose, S. E., Moeller, M. P., & Richards, J. A. (2012, June). *Phonetic development analysis using an automated approach*. Paper presented at the Alexander Graham Bell 2012 Convention, Scottsdale, AZ.
- Xu, X., Zhang, Y., Mao, H., Gilkerson, J., Xu, D., Xin, Y., & Xiou, L. (2012, October). *The correlation of family responsiveness with language and cognitive development in infants and toddlers*. Paper presented at the 2012 Chinese Medical Association Special Topic Conference on Child Behavior and Health Care and the Scientific Research Improvement, ChengDu, Sichuan Province, China.
- Yoder, P., Oller, D. K., Richards, J. A., Gray, S., & Gilkerson, J. (2012, May). *Stability and validity of a new vocal complexity measure*. Poster session presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- Yoshinaga-Itano, C., Beams, D., Gilkerson, J., Moore, R. C., Uhler, K., Baca, R., & Wiggin, M. (2012, June). *LENA: Exploring novel approaches to language assessment and intervention*. Paper presented at the 1st International Congress on Family-Centered Early Intervention for Children who are Deaf or Hard of Hearing, Bad Ischl, Austria.
- Ziaei, A., Sangwan, A., & Hansen, J. (2012, September). *Prof-Life-Log: Audio environment detection for naturalistic audio streams*. Paper presented at the InterSpeech 2012 - 13th Annual Conference of the International Speech Communication Association, Portland, OR.

2011

- Ambrose, S. E., VanDam, M., & Moeller, M. P. (2011, November). *The impact of exposure to talk and television on the language development of toddlers with hearing loss*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Audet, L., & Burgess, S. (2011, November). *Language environment characteristics within classrooms for young children with autism*. Paper presented at the 2011 ASHA Convention, San Diego, CA.
- Buder, E. H., Oller, D. K., Cleary, J., Bradley, A., & Fields, R. (2011, November). *Early positive signs of autism: Home- and lab-based findings*. Symposium conducted at the 2011 ASHA Convention, San Diego, CA.
- Charlifue-Smith, R., Gilkerson, J., Rosenberg, S. A., Robinson, C. C., Richards, J. A., & Xu, D. (2011, November). *The LENA automatic autism screen: Additional validation*. Poster session presented at the Association of University Centers on Disabilities, Washington, D. C.

- Coston, J., Whitfield, J., & Lively, S. (2011, November). *Using LENA with a child with cochlear implants: Case study*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Estrem, T., & Knutson, K. (2011, November). *LENA sensitivity in evaluating progress of a child with ASD*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Gilkerson, J., Richards, J. A., & Xu, D. (2011, January). *Patterns of initiation among children with autism: New insight into natural behavior using automated audio analysis*. Poster session presented at the annual meeting of the Association for Behavior Analysis International, Washington, D.C.
- Gilkerson, J., Richards, J. A., & Xu, D. (2011, May). *Using automated analysis to assess daily vocal patterns in young children with autism*. Poster session presented at the 10th Anniversary International meeting for Autism Research, San Diego, CA.
- Goldstein, H., Scherer, N., VanDam, M., Coston, J., Kastler-Davis, S., & Peercy, M. (2011, November). *Consumers guide to LENA: Comments and recommendations from expert users*. Symposium conducted at the 2011 ASHA Convention, San Diego, CA.
- Haims, M. B., Miller, M., & Renaud, J. (2011, November). *Speech sound production in Beckwith-Wiedemann Syndrome: A case study*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Harjusola-Webb, S., & Hubbell, S. (2011, November). *Analysis of the language environment of children with autism*. Poster session presented at the Division for Early Childhood's 27th Annual International Conference on Young Children with Special Needs and Their Families, Baltimore, MD.
- Jackson, C. W. (2011, November). *Language performance of young English-language learners on LENA measures*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Kramer, D., Lasswell, D., Lopez, L., Rodriguez, L., Russell, A., Sill, J., & Morrison, H. M. (2011, February). *S.T.A.R.R.: 5 Points to Success*. Paper presented at the 10th Annual Early Hearing Detection & Intervention Conference, Atlanta, Georgia.
- Marchman, V. A., & Weisleder, A. (2011, June). *Exploring meaningful differences in the lives of children: Strengths and limitations of LENA in research using naturalistic language sampling*. Paper presented at the Symposium on Research on Child Language Disorders, Madison, WI.
- Messier, J., & Jackson, C. W. (2011, November). *Language strategy coaching for children's vocabulary growth in daily routines*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Moeller, M. P., VanDam, M., & Ambrose, S. E. (2011, September). *Measuring outcomes in children with hearing loss: New tools and insights*. Invited presentation at the 2011 Nebraska Speech Language Hearing Association Fall Convention, Kearney, NE.
- Morrison, H. M., & Lew, V. (2011, November). *Infants with hearing loss/ adult interactions: Home language & maternal education*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Morrison, H. M., Lopez, L., & Rodriguez, L. (2011, February). *Sound beginnings: Coaching families with LENA feedback*. Paper presented at the 10th Annual Early Hearing Detection & Intervention Conference, Atlanta, Georgia.
- Morrison, H. M., Lopez, L., Lasswell, D., Rodriguez, L., Kramer, D., Sill, J., & Russell, A. (2011, November). *Bookbags: Dialogic reading for parents of infants with hearing loss*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Robbins, S. H. (2011, November). *Using increasing intensity designs to evaluate tiered instructional models*. Poster session presented at the Division for Early Childhood's 27th Annual International Conference on Young Children with Special Needs and Their Families, Baltimore, MD.
- Serrano, D., & Morrison, H. M. (2011, November). *Infant-directed utterances in two bilingual families with differing input levels*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.
- Thiemann-Bourque, K., Warren, S. F., & Brady, N. C. (2011, March). *Automatically mapping the vocal behavior and language learning environment of young children with Down Syndrome*. Paper presented at the 2011 Biennial Meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

VanDam, M., McMurray, B., Ambrose, S. E., Moeller, M. P., & Tomblin, J. B. (2011, March). *Auditory ability and language development: Quantitative assessments of input, output, and outcomes in hard-of-hearing children*. Paper presented at the 2011 Biennial Meeting of the Society for Research in Child Development, Montreal, QC, CA.

Warren, S., Greenwood, C., McConnell, S., & Gilkerson, J. (2011, November). *Re-thinking early evaluation and progress monitoring: What LENA can tell us*. Paper presented at the Division for Early Childhood's 27th Annual International Conference on Young Children with Special Needs and Their Families, Baltimore, MD.

Westby, C. (2011, November). *Communicative interactions in child-care centers*. Poster session presented at the 2011 ASHA Convention, San Diego, CA.

Worzalla, S. L., Gawad, S., & Davis-Kean, P. E. (2011, March). *Using voice-recording technology to study parent-child interactions and their role in preschoolers' executive function development*. Paper presented at the 2011 Biennial Meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

Xu, D., Gilkerson, J., & Richards, J. A. (2011, January). *How children with autism interact with their environment: An audio recording approach*. Poster session presented at the annual meeting of the Association for Behavior Analysis International, Washington, D.C.

Xu, D., Gilkerson, J., & Richards, J. A. (2011, May). *A study on audio patterns of child behavior and natural environment for children with autism*. Poster session presented at the 10th Anniversary International Meeting for Autism Research, San Diego, CA.

Xu, D., Richards, J. A., & Gilkerson, J. (2011, May). *Paradigm shifting: The study of human behavior in a naturalistic environment using mass audio data collection techniques and automated computer analysis*. Poster session presented at the 10th Anniversary International Meeting for Autism Research, San Diego, CA.

Xu, D., Richards, J. A., Gilkerson, J., & Hansen, J. (2011, March). *Toward child behavior modeling through audio recording*. Poster session presented at the Society for Research in Child Development 2011 Biennial Meeting, Montreal, Quebec, Canada.

Yoshinaga-Itano, C., Gilkerson, J., Baca, R., Beams, D., & Wiggin, M. (2011, February). *Adding the missing link to language assessment of children with hearing loss: Language environment analysis*. Paper presented at the 10th Annual Early Hearing Detection & Intervention Conference, Atlanta, GA.

Yoshinaga-Itano, C., Gilkerson, J., Moore, R. C., Uhler, K., Baca, R., & Wiggin, M. (2011, July). *LENA: Exploring novel approaches to language assessment and intervention*. Paper presented at the 2011 AG Bell Listening and Spoken Language Symposium, Washington, DC.

2010

Fernald, A., & Weisleder, A. (2010, March). *Whirlwind of words: How different streams of talk in the home environment promote vocabulary growth and fluency in understanding*. Paper presented at the International Society on Infant Studies, Baltimore, MD.

Kuhl, P. K., García-Sierra, A., & Ramírez-Esparza, N. (2010, March). *From laboratory to life: Bilingual language learning*. Paper presented at the International Society on Infant Studies, Baltimore, MD.

Leffel, K., Shay, S., Sapolich, S., Cao, D., Richards, J. A., Gilkerson, J., & Suskind, D. (2010, November). *Education & LENA feedback significantly improves nanny-child language interaction*. Paper presented at the 2010 ASHA Convention, Philadelphia, PA.

Morrison, H. M., Lopez, L., Russell, A., Dramer, D., & Sill, J. (2010, June). *Sound beginnings: Coaching families with LENA feedback*. Paper presented at the AG Bell 2010 Biennial Conference, Orlando, FL.

Patterson, S., & Smith, V. (2010, November). *Understanding the natural language learning environment of toddlers with autism*. Poster session presented at the 2010 ASHA Convention, Philadelphia, PA.

Ramírez-Esparza, N., García-Sierra, A., & Kuhl, P. K. (2010, November). *Naturalistic social communication and speech development in monolingual and bilingual infants*. Poster session presented at the 2nd Pan-American/Iberian Meeting on Acoustics, Cancun, Quintana Roo, Mexico.

Robertson, V. S., von Hapsburg, D., & Khwailah, F. (2010, November). *Effect of hearing loss on perception of infant-directed speech*. Poster session presented at the 2010 ASHA Convention, Philadelphia, PA.

VanDam, M., Moeller, M., & Tomblin, B. (2010, November). *Analyses of fundamental frequency in infants and preschoolers with hearing loss*. Poster session presented at the 160th Meeting of the Acoustical Society of America, Cancun, Quintana Roo, Mexico.

- Warlaumont, A. S., Oller, D. K., Dale, R., Gilkerson, J., Richards, J. A., & Xu, D. (2010, May). *Leader follower dynamics of adult child vocal interaction in Autism Spectrum Disorder*. Paper presented at the International Meeting for Autism Research, Philadelphia, PA.
- Warlaumont, A. S., Oller, D. K., Dale, R., Richards, J. A., Gilkerson, J., & Xu, D. (2010, August). *Vocal interaction dynamics of children with and without autism*. Paper presented at the 32nd Annual Conference of the Cognitive Science Society, Portland, OR.
- Weil, L. W., & Middleton, L. (2010, November). *Using the LENA tool in a research-clinical collaboration*. Poster session presented at the 2010 ASHA Convention, Philadelphia, PA.
- Weil, L. W., Middleton, L., & Leonard, L. (2010, June). *Exploring the LENA adult word count measure: What researchers and clinicians should know*. Poster session presented at the 2010 Symposium on Research in Child Language Disorders, Madison, WI.
- Xu, D., Richards, J. A., & Gilkerson, J. (2010, January). *The real value of therapy hours: Objectively measured and demonstrated*. Paper presented at the annual meeting of the Association for Behavior Analysis International, Chicago, IL.
- Xu, D., Richards, J. A., & Gilkerson, J. (2010, March). The automated detection of Autism Spectrum Disorders from child vocalization activity. In S. F. Warren (Chair) (Ed.), *Automated measurement of the vocal behavior and language environments of children with ASD: Research and clinical implications*. Symposium conducted at the 43rd Annual Gatlinburg Conference on Research & Theory in Intellectual & Developmental Disabilities, Annapolis, MD.
- Xu, D., Richards, J. A., Gilkerson, J., Warren, S. F., & Oller, D. K. (2010, May). *Automatic identification of children at-risk for Autism Spectrum Disorder using audio recording*. Poster session presented at the International Meeting for Autism Research, Philadelphia, PA.
- Yoshinaga-Itano, C., & Gilkerson, J. (2010, June). *Paradigm shifting: Automatic assessment of natural environments*. Paper presented at the AG Bell 2010 Biennial Convention, Orlando, FL.

2009

- Christakis, D. A., Gilkerson, J., & Richards, J. A. (2009, April). *TV displaces talk: The relationship between TV exposure and family interaction*. Paper presented at the Society for Research in Child Development 2009 Biennial Meeting, Denver, CO.
- Montgomery, J., Gilkerson, J., Richards, J. A., & Xu, D. (2009, November). *Infants around more talk become toddlers with better language skills*. Paper presented at the 2009 ASHA Convention, Chicago, IL.
- Montgomery, J., Oller, D. K., Gilkerson, J., Richards, J. A., Xu, D., Gray, S., & Yapanel, U. (2009, November). *ASD screening: Automatic analysis of child vocalizations in natural environments*. Paper presented at the 2009 ASHA Convention, Chicago, IL.
- Oller, D. K., Gray, S., Richards, J. A., Gilkerson, J., Niyogi, P., & Warren, S. F. (2009, April). Automated assessment of naturalistic recordings as a potential diagnostic tool for autism. In S. J. Sheinkopf (Chair), *Cry and non-cry vocalizations in autism: Potential markers in infancy*. Symposium conducted at the Society for Research in Child Development 2009 Biennial Meeting, Denver, CO.
- Xu, D., Gilkerson, J., Richards, J. A., Yapanel, U., & Gray, S. (2009, September). *Child vocalization composition as discriminant information for automatic autism detection*. Poster session presented at the 22nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Chicago, IL.
- Xu, D., Richards, J. A., Gilkerson, J., Yapanel, U., Gray, S., & Hansen, J. (2009, November). *Automatic childhood autism detection by vocalization decomposition with phone-like units*. Paper presented at the 2nd Workshop on Child, Computer and Interaction, Cambridge, MA.
- Yapanel, U., Xu, D., Hansen, J., Gray, S., Gilkerson, J., & Richards, J. A. (2009, November). *Preliminary study of stress/neutral detection on recordings of children in the natural home environment*. Poster session presented at the 2nd Workshop on Child, Computer and Interaction, Cambridge, MA.

2008

- Gilkerson, J., & Richards, J. A. (2008, October). *Gender, birth order and SES: Analyzing the natural language environment*. Paper presented at the Inter Mountain Area Speech and Hearing Convention, Salt Lake City, UT.

- Greenwood, C. R., Thiemann, K., & Gilkerson, J. (2008, October). *Assessing a child's home language environment using automatic speech processing technology*. Poster session presented at the 24th Annual International Conference on Young Children with Special Needs and Their Families, Minneapolis, MN.
- Warren, S. F., & Gilkerson, J. (2008, July). *Automatic measurement of the language learning environment of young children with ASD*. Paper presented at the Autism Society of America's 39th National Conference and Exposition on Autism Spectrum Disorders, Orlando, FL.
- Xu, D., Yapanel, U., Gray, S., Gilkerson, J., Richards, J. A., & Hansen, J. (2008, October). *Signal processing for early child speech and language development*. Paper presented at the 1st Workshop on Child, Computer and Interaction, Chania, Crete, Greece.
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