

RACHAEL FRUSH HOLT

Updated 09/28/17

PRESENTATIONS

2015-Present

Ahn, S, Goldthwaite, I., Corbeil, K., Byrer, A., Perry, K., PolaKampalli, A., Miller, K., **Holt, R. F.**, & Lee, Y. S. (November, 2017). *Rhythm sensitivity assists in overcoming acoustic and syntactic challenges during speech listening*. Paper to be presented at the annual meeting of the Society of the Neurobiology of Language, Baltimore, MD.

Bent, T., **Holt, R. F.**, & Miller, K. (2018, February). *Non-Acoustic Influences on Speech Perception in Normal and Impaired Hearing*. Invited paper to be presented as part of a reviewed symposium at the Association for Research in Otolaryngology MidWinter Meeting, San Diego, CA.

Miller, K. E., **Holt, R. F.**, Bent, T., Skratt Henry, M. G., Martin, M. M., & Wagner, L. (August, 2017). *Recognition of native and nonnative accents: Support for a perceptual continuum*. Poster session presented at the Fourth Annual OSU Cognitive and Brain Sciences Member Fall Retreat, Mt. Sterling, OH.

Wagner, L., Clopper, C., McCullough, E., **Holt, R. F.**, Durrant, S., & Evans, B. (2017, July). *Children's Understanding and Use of Sociolinguistic Variation in Language Acquisition*. Symposium presented at the 14th International Congress for the Study of Child Language, Lyon, France.

Specific symposium presentation:

Holt, R.F., Bent, T., Miller, K., & Jones, A. (2017, July). *Children's dialect and foreign-accent perception in noise*. Symposium presented at the 14th International Congress for the Study of Child Language, Lyon, France.

Miller, K. E., **Holt, R. F.**, Bent, T., & Blank, A. (2017, June). *Development of Semantic Context Facilitation for Nonnative-Accented Speech*. Poster session presented at the spring meeting of the Acoustical Society of America, Boston, MA.

Hager, A., & **Holt, R. F.** (2017, February). *Pragmatic Skills in School-Aged Children with Hearing Loss*. Poster session presented at the 2017 Ohio Audiology Conference, Columbus, OH.

Holt, R. F. (2016, April). *School-age Children's Perception of Native Dialects and Nonnative Accents*. Invited paper presented at Lacquey's, Department of Linguistics, The Ohio State University, Columbus, OH. **[Invited]**

Youngdahl, C., Yoho, S., **Holt, R. F.**, Apoux, F., & Healy, E. (2016, May). *Effects of interleaved noise on speech recognition in children*. Poster session presented at the spring meeting of the Acoustical Society of America, Salt Lake City, UT.

Bent, T., **Holt, R. F.**, Wilcox, T., Mabie, S., & Neczypor, L. (2016, May). *Children's perception of native dialects and nonnative accents*. Poster session presented at the spring meeting of the Acoustical Society of America, Salt Lake City, UT.

Youngdahl, C., Yoho, S., Apoux, F., **Holt, R. F.**, & Healy, E. (2015, November). *Effect of spectrally-remote noise on sentence recognition in children*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, Denver, CO.

Youngdahl, C., Yoho, S., **Holt, R. F.**, Apoux, F., & Healy, E. (2015, May). *Effect of spectrally-remote maskers on sentence recognition by adults and children*. Poster session presented at the spring meeting of the Acoustical Society of America, Pittsburgh, PA.

Mabie, S., **Holt, R. F.**, & Bent, T. (2015, March). *Children's perception of foreign-accented speech: The role of temperament*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Hill, A., **Holt, R. F.**, & Bent, T. (2015, March). *Children's perception of foreign-accented speech: The role of executive function*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

2010-2014

Lalonde, K., & **Holt, R. F.** (2014, October). *Audiovisual speech integration development at varying levels of perceptual processing*. Poster session presented at the fall meeting of the Acoustical Society of America, Indianapolis, IN.

Holt, R. F. (2014, July). *Family Influences on the Risk-Outcome Relationship in Children with Hearing Loss*. Invited paper presented at Nationwide Children's Hospital, Department of Neuropsychology, Columbus, OH. **[Invited]**

Lalonde, K., & **Holt, R. F.** (2014, March). *How does level of perceptual processing affect audiovisual integration?* Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Holt, R. F. (2013, December). *Family matters: The influence of family environment on spoken, language, social, and cognitive development in children with hearing loss*. Invited paper presented at Nationwide Children's Hospital, Departments of Otolaryngology and Audiology, Columbus, OH. **[Invited]**

Lalonde, K., & **Holt, R. F.** (2013, November). *Benefit from integration of auditory and visual speech cues in preschoolers*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.

Bergeson, T., 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, DC.

Holt, R. F., Beer, J., Kronenberger, W., Pisoni, D., Smith, L., & Lalonde, K. (2013, October). *Family matters: The influence of family dynamics on spoken, language, social and cognitive development in children with sensory aids*. Poster session presented at the Cochlear Implant 2013 Symposium, Washington, DC.

Holt, R. F. (2013, March). *The influence of family environment on core developmental outcomes in children with hearing loss*. Invited paper presented at Arizona State University, Department of Speech and Hearing Sciences, Tempe, AZ. **[Invited]**

Holt, R. F., Beer, J., Kronenberger, W., & Pisoni, D. B. (2013, March). *Family influences on social and cognitive skills in hearing-impaired children*. Paper to be presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Lalonde, K., & **Holt, R. F.** (2013, March). *Four-year-olds benefit from integration of auditory and visual speech cues*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Holt, R. F. (2013, February). *Family environment influences on core developmental outcomes in children with hearing loss*. Invited paper presented at the Ohio State University, Department of Speech and Hearing Science, Columbus, OH. **[Invited]**

Holt, R. F. (2012, September). *The ear is connected to the brain. Intervention outcomes in children with hearing loss: Family matters*. Invited paper presented at the annual fall meeting of the Indiana Speech-Language-Hearing Association, Indianapolis, IN. **[Invited]**

Holt, R. F., & Beer, J. (2012, August). *Work in Progress: Family Factors in Hearing-Impaired Children's Academic and Social Development*. Invited paper presented at the DeVault Otologic Research Laboratory, Indiana University School of Medicine, Indianapolis, IN. **[Invited]**

Holt, R. F. (2012, June). *Novel sources of variance in spoken language outcomes of cochlear implant recipients*. Invited paper presented at Mayo Clinic, Department of Otolaryngology, Audiology Section, Jacksonville, FL. **[Invited]**

Lalonde, K., & **Holt, R. F.** (2012, June). *Identifying sources of variability in normal-hearing two-year-olds' speech discrimination*. Poster session presented at the 2012 Newborn Hearing Screening Conference, Cernobbio, Italy.

Holt, R. F. (2012, March). *Family environment influences on developmental outcomes in children with cochlear implants*. Invited paper presented at the University of Iowa, Department of Communication Sciences and Disorders, Iowa City, IA. **[Invited]**

Lalonde, K., & **Holt, R. F.** (2012, March). *Accounting for variability in normal-hearing toddlers speech discrimination*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Holt, R. F. (2012, February). *Contribution of Family Environment to Spoken Language Development in Children with Cochlear Implants*. Invited paper presented in the Speech Research Lab (Pisoni), Indiana University, Bloomington, IN. **[Invited]**

Holt, R. F. (2012, February). *Not-so-terrible twos: Toddler speech-sound discrimination assessment and contributing non-sensory factors*. Invited paper presented at Butler University, Department of Communication Sciences and Disorders, Indianapolis, IN. **[Invited]**

Villines, K., Bent, T., & **Holt, R. F.** (2011, November). *The influence of talker and accent variability on spoken word identification and discrimination*. Poster session presented at the fall meeting of the Acoustical Society of America, San Diego, CA.

Holt, R. F., Beer, J., Quigley, T., & Pisoni, D. B. (2011, October). *Executive Function Prior to Cochlear Implantation in Younger and Older Post-Lingually Deaf Adults*. Poster session presented at the 2011 Aging and Speech Communication conference, Bloomington, IN.

Holt, R. F., Beer, J., Lalonde, K., Kronenberger, W. G., & Pisoni, D. B. (2011, July). *Family Environment of Pediatric Cochlear Implant Recipients and its Potential Role in Intervention*. Paper presented at the 13th Symposium on Cochlear Implants in Children (CI2011), Chicago, IL.

Beer, J., Harris, M., Kronenberger, W. G., **Holt, R. F.**, & Pisoni, D. B. (2011, July). *Outcomes after cochlear implantation in children with additional disabilities*. Poster session presented at the 13th Symposium on Cochlear Implants in Children (CI2011), Chicago, IL.

Holt, R. F. (2011, June). *Not-so-terrible twos: Assessing speech-sound discrimination in toddlers*. Invited paper presented at the University of Maryland, Department of Hearing and Speech Sciences, College Park, MD. **[Invited]**

Holt, R. F. (2011, May). *Hearing, Hearing Loss and Audiology*. Invited presentation at the DeVault Otologic Research Laboratory, Indiana University School of Medicine, Indianapolis, IN. **[Invited]**

Holt, R. F. (2011, April). *Serving children with severe hearing loss and deafness*. Invited presentation at the 2011 Indiana Early Childhood Conference, Indianapolis, IN. **[Invited]**

Lalonde, K., & **Holt, R. F.** (2011, March). *Modified Change/No-Change procedure for assessing toddlers' speech discrimination*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Holt, R. F. (2011, January). *Not-so-terrible twos: Assessing speech-sound discrimination in toddlers*. Invited paper presented at the DeVault Otologic Research Laboratory, Indiana University School of Medicine, Indianapolis, IN. **[Invited]**

2005-2009

Holt, R. F., Bent, T., & Hernandez, L. (2009, May). *Color effects in audiovisual spoken word recognition*. Poster session presented at the spring meeting of the Acoustical Society of America, Portland, OR.

Wong, A., Russell, K., & **Holt, R. F.** (2008, November). *Say that again: The effects of repetition on speech discrimination*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.

Holt, R. F., Kirk, K. I., Hay-McCutcheon, M. J., & Howell, S. (2008, June). *Audiovisual integration of speech by children with cochlear implants*. Paper presented at the 2008 Newborn Hearing Screening Conference, Cernobbio, Italy.

Holt, R. F. (2008, June). *Early intervention for infants with hearing loss*. Invited presentation at the First Steps Conference, All About Infants: Early Intervention for Infants with Special Needs, Indianapolis, IN. **[Invited]**

Ting, J. Y., **Holt, R. F.**, Smith, J. P., Benson, M. K., Houston, D. M., & Miyamoto, R. T. (2007, April). *Assessing speech discrimination in individual infants: Effects of hearing loss and contrast difficulty*. Paper presented at the 11th International Conference on Cochlear Implants in Children, Charlotte, NC.

Holt, R. F., Kirk, K. I. & Howell, S. (2007, April). *The Audiovisual Lexical Neighborhood Sentence Test: Test development and preliminary results from pediatric cochlear implant recipients*. Paper presented at the 11th International Conference on Cochlear Implants in Children, Charlotte, NC.

Kirk, K. I., **Holt, R. F.**, & Miyamoto, R. T. (2006, November). *Age at implantation effects in six-year-old children*. Invited paper presented at the 2006 Chinese University of Hong Kong ENT Conference, Prince of Wales Hospital, Shatin, N.T., Hong Kong. **[Invited]**

Holt, R. F. (2006, April). *Cochlear implants in two new pediatric populations*. Invited paper presented at the annual meeting of the Indiana Speech and Hearing Association, Indianapolis, IN. **[Invited]**

Svirsky, M. A., Jester, A., & **Holt, R. F.** (2006, March). *A sensitive period for the development of intelligible speech in children with cochlear implants*. Invited paper presented at the 8th European Symposium on Pediatric Cochlear Implantation, Lido di Venezia, Italy. **[Invited]**

Holt, R. F. (2006, March). *Speech perception in pediatric cochlear implant recipients: Results from new populations served by speech-language pathologists*. Invited paper presented at the annual meeting of the Indiana University Annual National Student Speech-Language-Hearing Association Conference, Bloomington, IN. **[Invited]**

Kirk, K. I., Henning, S., **Holt, R. F.**, & Ying, E. (2005, November). *Effects of early cochlear implantation in six-year-old children*. Paper presented at the annual meeting of the American-Speech-Language-Hearing Association, San Diego, CA.

Holt, R. F., & Kirk, K. I. (2005, November). *Developing audiovisual sentence test materials for children with sensory aids*. Paper presented at the annual meeting of the American-Speech-Language-Hearing Association, San Diego, CA.

Holt, R. F., Kirk, K. I., Pisoni, D. B., Burckhartzmeyer, L., & Lin, A. (2005, October). *Lexical and context effects in children's audiovisual speech recognition*. Poster session presented at the fall meeting of the Acoustical Society of America, Minneapolis, MN.

Holt, R.F. (2005, October). *A new test of audiovisual sentence recognition for children with sensory aids: Test development and initial findings with normal-hearing children*. Invited paper presented in the Speech Research Lab (Pisoni), Indiana University, Bloomington, IN. **[Invited]**

Svirsky, M. A., & **Holt, R. F.** (2005, May). *Language acquisition after cochlear implantation of congenitally deaf children: Effect of age at implantation*. Paper presented at the spring meeting of the Acoustical Society of America, Vancouver, British Columbia, Canada.

Holt, R. F., Kirk, K. I., Eisenberg, L. S., Martinez, A. S., & Campbell, W. (2005, March). *Binaural acoustic-electric stimulation in children with residual hearing: Communicative outcomes*. Paper presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

Kirk, K. I., **Holt, R. F.**, Ying, E., Henning, S. C., & Miyamoto, R. T. (2005, March). *Effects of age at implantation on spoken word recognition in children entering elementary school*. Paper presented at the 10th Symposium on Cochlear Implants in Children, Dallas, TX.

Svirsky, M. A., & **Holt, R. F.** (2005, March). *Speech perception and language in congenitally deaf children implanted in the first year of life*. Paper presented at the 10th Symposium on Cochlear Implants in Children, Dallas, TX.

Holt, R. F., & Kirk, K. I. (2005, March). *Binaural acoustic-electric stimulation in children with residual hearing: Communication outcomes*. Paper presented at the 10th Symposium on Cochlear Implants in Children, Dallas, TX.

Holt, R. F., & Svirsky, M. A. (2005, February). *Communication outcomes as a function of age at cochlear implantation in congenitally deaf infants and children: Is younger always better?* Poster session presented at the midwinter meeting of the Association for Research in Otolaryngology, New Orleans, LA.

2000-2004

Holt, R. F., & Kirk, K. I. (2004, November). *Speech and language development in cognitively delayed children with cochlear implants*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.

Holt, R. F., & Carney, A. E. (2004, May). *Non-sensory factors in speech perception*. Poster session presented at the spring meeting of the Acoustical Society of America, New York, NY.

Svirsky, M. A., **Holt, R. F.**, Neuburger, H., & Teoh, S-W. (2004, May). *Language development in cochlear implant users: Is the glass half-full or half-empty?* Paper presented at the 7th European Symposium on Paediatric Cochlear Implantation, Geneva, Switzerland.

Svirsky, M. A., **Holt, R. F.**, & Neuburger, H. (2004, May). *Age at implantation and communicative outcome in pediatric cochlear implant users: Is younger always better?* Paper presented at the VIII International Cochlear Implant Conference, Indianapolis, IN.

Kirk, K. I., Eisenberg, L. S., **Holt, R. F.**, Martinez, A. S., Ying, E., Campbell, W., Collison, E., & Miyamoto, R. T. (2004, May). *Combined cochlear implant and hearing aid use in children with preimplant residual hearing: Longitudinal effects*. Paper presented at the VIII International Cochlear Implant Conference, Indianapolis, IN.

Holt, R. F., Kirk, K. I., Davis, R. A. O., & Miyamoto, R. T. (2004, May). *Speech and language development in implanted children with developmental delays*. Paper presented at the VIII International Cochlear Implant Conference, Indianapolis, IN.

Holt, R. F., & Kirk, K. I. (2004, April). *Speech and language development in children with cochlear implants and cognitive delays*. Paper presented at the annual meeting of the American Academy of Audiology, Salt Lake City, UT.

Svirsky, M. A., **Holt, R. F.**, Neuburger, H. & Teoh, S-W. (2003, November). *Outcomes of pediatric cochlear implantation as a function of age at implant*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.

Holt, R. A. F., & Carney, A. E. (2002, November). *The effects of multiple looks on speech perception in children*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association conference, Atlanta, GA.

Frush, R., Nelson, P., & Van Tasell, D. J. (2002, April). *Evaluating the benefit of directional patterns in hearing aids*. Paper presented at the annual meeting of the American Academy of Audiology, Philadelphia, PA.

Gregan, M. J., Trine, T. D., Van Tasell, D. J., Nelson, P. B., Recker, K., & **Frush, R.** (2002, April). *Advanced signal processing: What we learned from field trials*. Paper presented at the annual meeting of the American Academy of Audiology, Philadelphia, PA.

Van Tasell, D. J., Ewert, C. M., **Frush, R.**, & Woods, W. S. (1998, August). *Two channel compressed speech in noise: Interaction of release time and compression ratio*. Poster session presented at the biannual meeting, Issues in Advanced Hearing Aid Research, Lake Arrowhead, CA.