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## EDUCATION

**Ph.D. in Human Sciences**, Emphasis in Hearing Science (2011) University of Nebraska-Lincoln (UNL)

**M.S. in Audiology** (2002) UNL

**B.A. in Audiology and Speech Language Pathology**, Minor in Psychology (2000), University of Northern Colorado (UNC)

## PROFESSIONAL EXPERIENCE

**Director of Research** (April 2017 – Present)

Boys Town National Research Hospital (BTNRH)

**Director of the Center for Audiology** (July 2013 – Present)

BTNRH

**Director of the Audibility, Perception and Cognition Laboratory** (June 2012 – Present)

BTNRH

**Research Associate** (May 2015 – Present)

University of Iowa

**Adjunct Professor**, International Audiology Doctorate Bridge Program (October 2014-Present)

Salus University

**Adjunct Professor** (2017-Present)

Nova Southeastern University

**Associate Director of Audiology** (December 2011 – July 2013)

BTNRH

**Staff Scientist** (December 2011 – June 2012)

BTNRH

**Adjunct Lecturer** (September 2009 –2014) Department of Special Ed. and Comm. Disorders

UNL

**Adjunct Professor** (2010 – 2012) Department of Special Ed. and Comm. Disorders

University of Nebraska-Omaha

**Research Associate** (May 2011- December 2011)

BTNRH

**Research Audiologist** (August 2007 – May 2011) Hearing Aid Research Laboratory, Patricia Stelmachowicz, Director

BTNRH

**Newborn Hearing Screening Manager** (January 2006 – July 2010)

Alegent Bergan Mercy Hospital, Omaha, Nebraska

**Staff Audiologist** (December 2004 – August 2007)

BTNRH

**Pediatric Audiologist** (January 2004 – December 2004)

Mary Bridge Children's Hospital, Tacoma, Washington

**Clinical Audiologist** (July 2003 – January 2004)

South Seattle Otolaryngology, Seattle, Washington

**Clinical Fellow in Audiology** (January 2002 – July 2003)

Boys Town National Research Hospital, Omaha, Nebraska

**Graduate Research and Teaching Assistantship** (January 2001 – May 2001)

Department of Communication Disorders, UNL

**AWARDED RESEARCH GRANTS**

- Principal Investigator**, *Developing evidence-based clinical tools for managing mild hearing loss in children*, NIH/NIDCD, R01DC18330, 2020- Present
- Principal Investigator**, *Complex listening skills in school-age children who are hard-of-hearing*, NIH/NIDCD R01 DC013591, 2013 – Present
- Co-Investigator**, *Susceptibility To and Release From Masking in Infancy and Childhood*, NIH/NIDCD R01 DC011038, Lori Leibold (PI), 2016 – Present.
- Co-Investigator**, *A Test of Children’s English/Spanish Speech Perception in Noise or Speech Maskers*, NIH/NIDCD R01 DC015056, Lori Leibold and Emily Buss (PIs), 2016 – Present.
- Collaborator**, *Open Design Tools for Speech Signal Processing*, NIH/NIDCD R44 DC015445, Odile Clavier (PI) 2016 – Present.
- External Mentor**, *Effects of SFOAEs on hearing status in children and adults*, NIH/NIDCD F32, Uzma Wilson (PI) 2018-Present.
- Co-Director / Internal Mentor**, *Center for Biomedical Research Excellence (COBRE): Center for Perception and Communication in Children* NIH-NIGMS (Phase II), P20 GM109023-06, Lori Leibold (PI) 2014 – Present.
- Collaborator**, *Field Deployable Otoacoustic Emissions Probe for Objective Tracking of Noise Induced Hearing Loss*, US Army Medical Research and Materiel Command (SBIR Phase II Subaward w/Creare LLC). Odile Clavier (PI), 2016-2019.
- Primary Sponsor/Mentor**, *Development of spectral resolution in children*, NIH/NIDCD F32, Benjamin Kirby (PI) 2015-2016
- Co-Investigator**, *Outcomes of school-age children who are hard of hearing*, NIH/NIDCD, R01 DC009560 Bruce Tomblin and Mary Pat Moeller (PIs), 2013 – Present
- Co-Investigator**, *The Loudness of Broadband Sounds in Listeners with Sensorineural Hearing Loss*, NIH/NIDCD 1 R01 DC011806 Walt Jesteadt (PI), 2012-2017
- Principal Investigator**, *Optimizing speech recognition in children with hearing loss*, NIH/NIDCD, R03 DC012635, 2012 – 2015
- Co-Investigator**, *Optimizing Amplification for Infants and Young Children* NIH/NIDCD R01 DC004300-14 Patricia Stelmachowicz (PI), 2009 – 2014
- Co-Investigator**, *Moderators and Functional Outcomes in Children with Mild to Severe Hearing Loss* NIH/NIDCD R01 DC009560 Bruce Tomblin and Mary Pat Moeller (PIs). 2008- 2012.
- Principal Investigator**, *Audibility as a Predictor of Speech Recognition and Listening Effort*, NIH/NIDCD F31DC010505-01A1 2010-2011.

**PEER-REVIEWED PUBLICATIONS**

\* Indicates mentored research

**2020 and Accepted**

56. **McCreery, R.W.**, Miller, M.K., Leibold, L.J., Buss, E. (Accepted) Cognitive and linguistic contributions to masked speech recognition in children. *Journal of Speech Language and Hearing Research*.
55. Lalonde K., & **McCreery R.W.** Audiovisual enhancement of speech perception in noise by school-age children who are hard of hearing. *Ear and Hearing*. 2020 Jul/Aug;41(4):705-719. doi: 10.1097/AUD.0000000000000830.
54. Tomblin J.B., Oleson J., Ambrose S.E., Walker E.A., **McCreery R.W.**, & Moeller M.P. Aided hearing moderates the academic outcomes of children with mild to severe hearing loss. *Ear and Hearing*. 2020 Jul/Aug;41(4):775-789. doi: 10.1097/AUD.0000000000000823.
53. Walker E.A., Sapp C., Dallapiazza M., Spratford M., **McCreery R.W.**, Oleson J.J. (2020) Language and Reading Outcomes in Fourth-Grade Children With Mild Hearing Loss Compared to Age-Matched Hearing Peers. *Language Speech and Hearing Services in Schools*, 51(1):17-28
52. **McCreery, R.W.**, Walker, E.A., Stiles, D.J., Spratford, M., Oleson, J.J., & Lewis, D.E. (2020) Audibility-based hearing aid fitting criteria for children with mild bilateral hearing loss, *Language Speech and Hearing Services in Schools*. 51(1):55-67.

**2019**

51. Miller M.K., Calandrucchio L., Buss E., **McCreery R.W.**, Oleson J., Rodriguez B., Leibold L.J. (2019) Masked English Speech Recognition Performance in Younger and Older Spanish-English Bilingual and English Monolingual Children. *The Journal of Speech Language Hearing Research*, 62(12):4578-4591.

50. Spratford M, Walker E.A., **McCreery R.W.** (2019) Use of an Application to Verify Classroom Acoustic Recommendations for Children Who Are Hard of Hearing in a General Education Setting. *American Journal of Audiology*, 28(4):927-934.
49. Walker E.A., Sapp C., Oleson J.J., **McCreery R.W.** (2019) Longitudinal Speech Recognition in Noise in Children: Effects of Hearing Status and Vocabulary. *Frontiers in Psychology*. 10:2421.
48. **McCreery R.W.**, Walker E.A., Spratford M., Lewis D., Brennan M. (2019) Auditory, Cognitive, and Linguistic Factors Predict Speech Recognition in Adverse Listening Conditions for Children With Hearing Loss. *Frontiers in Neuroscience* 13:1093
47. Walker E.A., Kessler D., Klein K., Spratford M., Oleson J.J., Welhaven A., **McCreery R.W.** (2019) Time-Gated Word Recognition in Children: Effects of Auditory Access, Age, and Semantic Context. *The Journal of Speech Language and Hearing Research*. 62(7):2519-2534
46. Oleson, J., Brown, G., **McCreery, R.W.** (2019) Essential statistical concepts for speech, language, and hearing sciences. *The Journal of Speech, Language, and Hearing Research*.62(3):489-497.
45. Oleson, J., Brown, G., **McCreery, R.W.** (2019) The evolution of statistical methods in speech, language, and hearing sciences. *The Journal of Speech, Language, and Hearing Research*.62(3):498-506.
44. \*Kirby, B.J., Spratford, M., Klein, K. & **McCreery, R.W.** (2018) Cognitive abilities contribute to spectro-temporal discrimination in children who are hard of hearing. *Ear and hearing*. 40(3):645-650
- 2018**
43. Jorgensen L.E., Benson E.A., **McCreery R.W.** (2018) Conventional amplification for adults with severe to profound hearing loss. *Seminars in Hearing*, 39(4), 364-376.
42. Brennan, M. A., **McCreery, R. W.**, Buss, E., & Jesteadt, W. (2018). The Influence of Hearing Aid Gain on Gap-Detection Thresholds for Children and Adults With Hearing Loss. *Ear and hearing*.39(5), 969-979.
- 2017**
41. **McCreery, R. W.**, Brennan, M., Walker, E. A., & Spratford, M. (2017). Perceptual Implications of Level-and Frequency-Specific Deviations from Hearing Aid Prescription in Children. *Journal of the American Academy of Audiology*, 28(9), 861-875.
40. Brennan, M. A., Lewis, D., **McCreery, R.**, Kopun, J., & Alexander, J. M. (2017). Listening effort and speech recognition with frequency compression amplification for children and adults with hearing loss. *Journal of the American Academy of Audiology*, 28(9), 823-837.
39. \*Spratford, M., McLean, H. H., & **McCreery, R.** (2017). Relationship of Grammatical Context on Children's Recognition of s/z-Inflected Words. *Journal of the American Academy of Audiology*, 28(9), 799-809.
- 38.\*Kirby, B. J., Kopun, J. G., Spratford, M., Mollak, C. M., Brennan, M. A., & **McCreery, R. W.** (2017). Listener performance with a novel hearing aid frequency lowering technique. *Journal of the American Academy of Audiology*, 28(9), 810-822.
37. Thomas, M. L., Fitzpatrick, D., **McCreery, R.**, & Janky, K. L. (2017). Big Stimulus, Little Ears: Safety in Administering Vestibular-Evoked Myogenic Potentials in Children. *Journal of the American Academy of Audiology*, 28(5), 395-403.
36. \*Klein, K. E., Walker, E. A., Kirby, B., & **McCreery, R. W.** (2017). Vocabulary Facilitates Speech Perception in Children With Hearing Aids. *Journal of Speech, Language, and Hearing Research*, 60(8), 2281-2296.
35. **McCreery, R. W.**, Spratford, M., Kirby, B., & Brennan, M. (2017). Individual differences in language and working memory affect children's speech recognition in noise. *International journal of audiology*, 56(5), 306-315.
34. Lewis, D., Kopun, J., **McCreery, R.**, Brennan, M., Nishi, K., Cordrey, E., ... & Moeller, M. P. (2017). Effect of Context and Hearing Loss on Time-Gated Word Recognition in Children. *Ear and hearing*, 38(3), e180-e192.
- 2016**
33. Brennan, M.A., **McCreery, R.**, Kopun, J., Lewis, D.E., Alexander, J., & Stelmachowicz, P.G. (2016) Masking release in children and adults with hearing loss when using amplification. *Journal of Speech, Language, and Hearing Research*. 59(1), 110-121.
32. Walker, E.A., **McCreery, R.W.**, Spratford, M, & Roush, P. (2016) Children with ANSD fitted with hearing aids applying the AAA Pediatric Amplification Guideline: Current practice and outcomes. *Journal of the American Academy of Audiology*, 27(3), 204-213.
31. **McCreery, R.W.**, Walker, E.A., Spratford, M, Kirby, B, Oleson, J, & Brennan, M.A. (2016) Stability of audiometric thresholds for children with hearing aids applying the AAA Pediatric Amplification Guidelines: Implications for safety *Journal of the American Academy of Audiology*, 27(3), 252-263.

- 31A. McCreery, R.W. & Walker, E.A. (2016) Response to Letter by Johnson regarding “Stability of audiometric thresholds for children with hearing aids applying the AAA Pediatric Amplification Guidelines: Implications for safety” *Journal of the American Academy of Audiology*, 27(9), 779.

## 2015

30. \*Kirby, B. J., Browning, J. M., Brennan, M. A., Spratford, M., & McCreery, R. W. (2015). *Spectro-temporal modulation detection in children*. The Journal of the Acoustical Society of America, 138(5), EL465-EL468.
29. Brennan, M.A, Jesteadt, W., & **McCreery, R.** (2015). The influence of hearing-aid compression on forward-masked thresholds for adults with hearing loss. *Journal of the Acoustical Society of America*, 138(4), 2589-2597.
28. **McCreery, R.W.**, Walker, E.A., Spratford, M., Oleson, J., Bentler, R., Holte, L., & Roush, P. (2015). Longitudinal auditory development outcomes in children who are hard of hearing. *Ear and Hearing* 36(S1), 60S-75S.
27. **McCreery, R.W.**, Walker, E.A., Spratford, M., Bentler, R., Holte, L., Roush, P., Oleson, J., Van Buren, J., & Moeller, M.P. (2015). Longitudinal predictors of aided speech audibility in infants and children. *Ear and Hearing*. 36(S1), 24S-37S.
26. Walker, E.A., **McCreery, R.W.**, Spratford, M. Oleson, J.J., Van Buren, J., Bentler, R., Roush, P., & Moeller, M.P. (2015). Trends and predictors of longitudinal hearing aid use for children who are hard of hearing. *Ear and Hearing*. 36(S1), 38S-47S.
25. Tomblin, J.B. Walker, E.A., **McCreery, R.W.**, Arenas, R.M., Harrison, M., & Moeller, M.P. (2015) Outcomes of children with hearing loss: data collection and methods. *Ear and Hearing*. 36(S1), 14S-23S.
24. Walker, E.A., Holte, L., **McCreery, R.W.**, Spratford, M., Page, T. & Moeller, M.P. (2015) The Influence of Hearing Aid Use on Outcomes of Children With Mild Hearing Loss. *Journal of Speech, Language, and Hearing Research*, ePub ahead of print.
23. Koehlinger, K., Van Horne, A. O., Oleson, J., **McCreery, R.**, & Moeller, M. P. (2015). The role of sentence position, allomorph, and morpheme type on accurate use of s-related morphemes by children who are hard of hearing. *Journal of Speech, Language, and Hearing Research*. 58 (2), 396-409.
22. **McCreery, R.W.**, Kaminski, J., Beauchaine, K., Lenzen, N., Simms, K. & Gorga, M.P. (2015) The Impact of Degree of Hearing Loss on Auditory Brainstem Response Predictions of Behavioral Thresholds. *Ear and Hearing* 36 (3), 309-319.
21. \*Kimlinger, C., **McCreery, R.W.** & Lewis, D.E. (2015) High-frequency audibility: The effects of audiometric configuration, stimulus type and device. *Journal of the American Academy of Audiology*. 26 (2), 128-137

## 2014

20. Liebold, L.J., Hodson, H., **McCreery, R.W.**, Calandrucchio, L., & Buss, E. (2014) Effects of low-pass filtering on the perception of word-final plurality markers in children and adults with normal hearing, *American Journal of Audiology*, 23 (3), 351-358.
19. **McCreery, R.W.**, Alexander, J., Brennan, M.A., Hoover, B., Kopun, J. & Stelmachowicz, P.G. (2014) The influence of audibility on speech recognition with nonlinear frequency compression for children and adults with hearing loss. *Ear and Hearing*. 35(4) 440-447.
18. Bentler, R.A., Walker, E.A., **McCreery, R.W.**, Arenas, R.M., Roush, P.A. (2014) Nonlinear frequency compression in hearing aids: Impact on speech and language development. *Ear and Hearing*. 35(4).
17. \*Gustafson, S., **McCreery, R.W.**, Hoover, B., Kopun, J. & Stelmachowicz, P.G. (2014) Listening effort and perceived clarity for normal hearing children with the use of digital noise reduction. *Ear and Hearing*. 35 (2), 183-194.
16. Brennan, M.A., **McCreery, R.W.**, Kopun, J., Hoover, B. Alexander, J., Lewis, D.E., & Stelmachowicz, P.G. (2014) Paired comparisons of nonlinear frequency compression, extended bandwidth, and restricted bandwidth hearing-aid processing for children and adults with hearing loss. *Journal of the American Academy of Audiology*, 25(10), 983-998.

## 2013

15. **McCreery, R.W.** Bentler, R.A., & Roush, P.A. (2013) The characteristics of hearing aid fitting in infants and young children. *Ear and Hearing* 34(6):701-10.
14. **McCreery, R.W.**, Brennan, M.A., Hoover, B, Kopun, J, & Stelmachowicz, P.G. (2013) Maximizing audibility and speech recognition with nonlinear frequency compression by estimating audible bandwidth. *Ear and Hearing*, 34(2) e24-27.
13. **McCreery, R.W.** & Stelmachowicz, P.G. (2013) The effects of limited bandwidth and noise on verbal processing time and word recall in normal-hearing children. *Ear and Hearing* 34(5):585-91

**2012**

12. Goehring, J.L., Hughes, M.L., Baudhuin, J.L., Valente, D.L., **McCreery, R.W.**, Diaz, G.R., Sanford, T. & Harpster, R. (2012). The effect of technology and testing environment on speech perception using telehealth with cochlear implant recipients. *J. Speech. Lang. Res.* 55 (5), 1373-1386.
11. **McCreery, R.W.**, Venediktov, R.A., Coleman, J.J., & Leach, H.M. (2012) An evidence-based systematic review of frequency lowering in hearing aids for school-age children with hearing loss. *American Journal of Audiology*, 21 (2), 313-328.
10. **McCreery, R.W.**, Venediktov, R.A., Coleman, J.J., & Leach, H.M. (2012) An evidence-based systematic review of directional microphones and digital noise reduction in hearing aids for school-age children with hearing loss. *American Journal of Audiology*, 21 (2), 295-312
9. **McCreery, R.W.**, Venediktov, R.A., Coleman, J.J., & Leach, H.M. (2012) An evidence-based systematic review of amplitude compression in hearing aids for school-age children with hearing loss. *American Journal of Audiology*, 21 (2), 269-294.
8. Crukley, J., Dundas, J. A., **McCreery, R.**, Meston, C. N., & Ng, S. L. (2012). Re-envisioning collaboration, hierarchy, and transparency in audiology education, practice, and research. *Seminars in Hearing* 33(2), 196-206.

**2011**

7. **McCreery, R.W.** & Stelmachowicz, P.G. (2011) Audibility-based predictions of speech recognition for children and adults with normal hearing. *The Journal of the Acoustical Society of America*. 130(6) 4070-81.
6. **McCreery, R.W.** & Simmons, J. (2011) Auditory steady-state response in auditory neuropathy. *The Journal of Laryngology and Otology* 125,3, 324-5.

**2010**

5. **McCreery, R.W.**, Ito, R., Spratford, M., Lewis, D.E., Hoover, B.; & Stelmachowicz, P.G. (2010) Performance-intensity functions for normal-hearing adults and children using CASPA. *Ear & Hearing* 31(1) 95-101.
4. Stelmachowicz, P.G., Lewis, D.E., Hoover, B., Nishi, K., **McCreery, R.W.**, & Woods, W. (2010) Effects of digital noise reduction on speech perception for children with hearing loss. *Ear & Hearing*, 31(3) 345-355.

**2009**

3. **McCreery, R.W.**, Pittman, A.L., Lewis, J.D., Neely, S.T., & Stelmachowicz, P.G. (2009) Use of forward pressure level to minimize acoustic standing waves during probe-microphone hearing aid verification. *The Journal of the Acoustical Society of America*, 126(1) 15-24.
2. Sanford, C.A., Keefe, D.H., Liu, Y.-W., Fitzpatrick, D., **McCreery, R.W.**, Lewis, D.E., & Gorga, M.P. (2009) Middle-ear effects on DPOAE screening outcomes in newborn infants: Test performance of wideband acoustic transfer functions and 1-kHz tympanometry. *Ear & Hearing*. 30(6), 635-652.
1. \*Lewis, J.D., **McCreery, R.W.**, Neely, S.T., & Stelmachowicz, P.G. (2009) Comparison of in-situ calibration methods for quantifying ear-canal sound level, *The Journal of the Acoustical Society of America*. 126(6), 3114-24

**BOOKS AND BOOK CHAPTERS**

- McCreery, R.W.** & Walker, E.A. (2017) *Pediatric Amplification: Enhancing Auditory Access*, Plural Publishing: San Diego.
- McCreery, R.W.** & Walker, E.A. (2016 and 2020) *Hearing aids and auditory verbal therapy*. In W. Estabrooks, K.T. Houston, K. MacIver-Lux & E.A. Rhoades (Eds.) *Auditory-Verbal Therapy*, Plural Publishing: San Diego.
- McCreery, R.W.** (2014) *Hearing aid assessment* In T.S. Bradham & K.T. Houston Eds. *Assessing Listening and Spoken Language in Children who are Deaf or Hard of Hearing*, Plural: San Diego.
- McCreery, R.W.** (2013) *Amplification for children who are deaf and hard of hearing*. In R.H. Hull Ed. *Introduction to Aural Rehabilitation*, 2<sup>nd</sup> edition. Plural: San Diego.

**NON-PEER-REVIEWED PUBLICATIONS**

- McCreery, R. W.**, Walker, E. A., Tomblin, J. B., Oleson, J. J., Ambrose, S. A., & Moeller, M. P. (2018). Mild hearing loss is a developmental risk: Response to Carew and colleagues. *Child: care, health and development*, 44(6), 926-927.
- McCreery, R.W.** & Walker, E.A. (2018) *The Binaural Brain: How It Perceives Language and Challenges to Auditory Processing*. *Volta Review* 118(2), 127-189.
- Janky, K., **McCreery, R.**, & Jesteadt, W. (2017). *Boys Town National Research Hospital: Past, present, and future*. *Journal of the American Academy of Audiology*, 28(9), 776-777.

- Moeller, M.P. & **McCreery, R.W.** (2017) Children Who Are Hard of Hearing: Still Forgotten? *ASHA Leader*, 22, 16-17.
- McCreery, R.W.** (2016) Do hearing aids support language development in children with hearing loss? *The Hearing Journal*, 69 (5), 8-9.
- McCreery, R.W.**, Walker, E.A., & Spratford, M. (2015) Promoting consistent auditory experience in children who wear hearing aids. *Audiology Today*, 27(2) 44-47.
- McCreery, R.W.** & Brennan, M.A. (2015) Using frequency lowering with children who wear hearing aids. *Audiology Today* 27(3), 60-62.
- McCreery, R.W.**, Walker, E.A., & Spratford, M. (2015) Understanding Limited Use of Amplification in Infants and Children Who Are Hard of Hearing. *SIG 9 Perspectives on Hearing and Hearing Disorders in Childhood* 25 (1), 15-23.
- McCreery, R.W.** (2015) For Children with Hearing Loss, Listening Can Be Exhausting Work. *The Hearing Journal*, 68 (5), 26-28.
- McCreery, R.W.** (2014) Predicting the future of pediatric audiology. *The Hearing Journal*, 67(12), 32-33.
- McCreery, R.W.** (2014) Promoting connectivity for children with hearing loss. *The Hearing Journal*, 67(11), 40-42.
- McCreery, R.W.** (2014) Tracking outcomes with growth charts for baby ears. *The Hearing Journal*, 67(10), 28-30.
- McCreery, R.W.** (2014) How to achieve success with remote-microphone hearing assistance technology. *The Hearing Journal*, 67(9), 30-32.
- McCreery, R.W.** (2014) How to solve the pediatric hearing research puzzle. *The Hearing Journal*, 67(8), 14-16.
- McCreery, R.W.** (2014) Automatic Hearing Aid Features and Children: Stop and Verify. *The Hearing Journal*, 67(7), 22-23.
- McCreery, R.W.** (2014) Beyond newborn hearing screening: Brain implications for pediatric amplification. *Audiology Today*, 26(4), 31.
- McCreery, R.W.** (2014) Approaching Unilateral Hearing Loss from Both Sides *The Hearing Journal*, 67(6), 28-29.
- McCreery, R.W.** (2014) Limit Screen Time for Better Language Learning *The Hearing Journal*, 67(5), 6-8.
- McCreery, R.W.** (2014) How to Increase Access to Pediatric Audiology Care *The Hearing Journal*, 67(5), 8-10.
- McCreery, R.W.** (2014) The Right Time to Go from Hearing Aid to Cochlear Implant *The Hearing Journal*, 67(4), 30-32.
- Brennan, M.A. & **McCreery, R.W.** (2014) SHARP Updates Enable Audibility Estimates with Nonlinear Frequency Compression *The Hearing Journal*, 67(3), 14-16.
- McCreery, R.W.** (2014) Genetics Evaluation in Children with Hearing Loss: Knowledge Is Power *The Hearing Journal*, 67(2), 19-20.
- McCreery, R.W.** (2014) Open Fit: For Children, Device Size Shouldn't Determine Selection *The Hearing Journal*, 67(1), 17-18.
- McCreery, R.W.** (2013) Data Logging and Hearing Aid Use: Focus on the Forest, Not the Trees *The Hearing Journal*, 66(12), 18-19.
- McCreery, R.W.** (2013) Building Blocks: Directional Microphone Use with Children: No Straight Answer *The Hearing Journal*, 66(11), 8-9.
- McCreery, R.W.** (2013) Building Blocks: Diagnostic Hearing Assessment in Infants: A Matter of Time *The Hearing Journal*, 66(10), 16-17.
- McCreery, R.W.** (2013) Building Blocks: Otoacoustic Emissions: Beyond 'Pass' and 'Refer' *The Hearing Journal*, 66(9), 14-16.
- McCreery, R.W.** (2013) Building Blocks: Speech-Recognition Assessment: Mission Impossible? *The Hearing Journal*, 66(8), 4-6.
- McCreery, R.W.** (2013) Building Blocks: RECD Is a Reasonable Alternative to Real-Ear Verification *The Hearing Journal*, 66(7), 13-14.
- McCreery, R.W.** (2013) Building Blocks: Asking the Right Questions about Hearing Aid Use in Children *The Hearing Journal*, 66(6), 16-18.
- McCreery, R.W.** (2013) Journal Club: In Background Noise, It May Take Two Hearing Aid Prescriptions *The Hearing Journal*, 66(5), 22-24.
- McCreery, R.W.** (2013) Building Blocks: ASSR for Hearing Loss Diagnosis: Not Yet, but Soon *The Hearing Journal*, 66(5), 8-9.
- McCreery, R.W.** (2013) Building Blocks: Speech Intelligibility Index: No Magic Number, but a Reasonable Solution *The Hearing Journal*, 66(4), 8-10.
- McCreery, R.W.** (2013) Building Blocks: The Trouble with Functional Gain in Verifying Pediatric Hearing Aids *The Hearing Journal*, 66(3), 14-16.

- McCreery, R.W.** (2013) Building Blocks: Mary Pat Moeller, PhD, on Her Move from the Clinic to Research *The Hearing Journal*, 66(2), 10-11.
- McCreery, R.W.** (2013) Building Blocks: Managing Auditory Neuropathy Spectrum Disorder *The Hearing Journal*, 66(1), 11-12
- McCreery, R.W.** (2012) Building Blocks: Guidelines for Diagnosing Auditory Neuropathy Spectrum Disorder *The Hearing Journal*, 65(12), 10-12
- \*Roberts, D, Munoz, K. & **McCreery, R.W.** (2012) Breaking news: Audiology, slow the implement practice guidelines, must explore solutions. *The Hearing Journal*, 65(10), 34-36.
- McCreery, R.W.** (2012) The effects of frequency-lowering on speech understanding in children. *The Hearing Journal*, 65(7) 14-15.
- McCreery, R.W.** & Simmons, J.L. (2011) Auditory steady-state response in auditory neuropathy. *The Journal of Laryngology and Otology*, 125,3 324-25.
- McCreery, R.W.** (2011) Pediatric hearing aid fittings: Selection and verification of features, *Audiology Online*. Available at [http://www.audiologyonline.com/ceus/recordedcoursedetails.asp?class\\_id=19189](http://www.audiologyonline.com/ceus/recordedcoursedetails.asp?class_id=19189)
- McCreery, R.W.** (2011) Should children be fit with digital noise reduction? Proceedings of the Sound Foundation through Early Amplification Conference.
- McCreery, R.W.** (2010) Small ears, BIG decisions. *Hearing Journal* 63(7), 10-17.
- McCreery, R.W.** (2008) *Pediatric hearing-aid verification: Innovative trends*, *Audiology Online* Available at [http://www.audiologyonline.com/articles/article\\_detail.asp?article\\_id=2063](http://www.audiologyonline.com/articles/article_detail.asp?article_id=2063)
- McCreery, R.W.** (2007) Pediatric auditory neuropathy/dys-synchrony American Academy of Pediatrics EHDI Template Article Available at: <http://tinyurl.com/bctbl4>
- Simmons, J.L. & **McCreery, R.W.** (2007) Auditory neuropathy/dys-synchrony: Trends in assessment and treatment, *ASHA Leader* 12(8), 12-15.

#### INVITED PRESENTATIONS

- Oleson, J.J. & **McCreery, R.W.** (2019) Data analysis and statistical concepts in speech, language, and hearing sciences. American Speech Language Hearing Association Convention, Orlando, FL, November.
- McCreery, R.W.** (2019) Hearing aid candidacy considerations for mild bilateral hearing loss. American Speech Language Hearing Association Convention, Orlando, FL, November.
- McCreery, R.W.** (2019) Optimizing amplification for children with hearing loss. Children's Healthcare of Atlanta, Atlanta, GA, October.
- McCreery, R.W.** (2019) Scientific trends in adult and pediatric hearing aids. Texas Academy of Audiology, Frisco, TX, October.
- McCreery, R.W.** (2019) Three key elements for supporting success with hearing aids for children and adults with hearing loss. New Zealand Audiology Society, Queenstown, NZ, July.
- McCreery, R.W.** (2019) Solving hearing aid candidacy condundrums. New Zealand Audiology Society, Queenstown, NZ, July.
- McCreery, R.W.** (2019) Disruptive trends in amplification, New Zealand Audiology Society, Queenstown, NZ, July.
- McCreery, R.W.** (2019) Enhancing cumulative auditory experience for children who wear hearing aids, Educational Audiology Association Convention, Denver, CO, June.
- McCreery, R.W.** (2019) Quantifying the auditory experience of children with hearing loss, Diane Kewley-Port Lecture, Indiana University, Bloomington, IN, March.
- McCreery, R.W.** (2018) Optimizing auditory experience for children who wear hearing aids. Fred Minifie Lecture, University of Washington, Seattle, WA, December.
- McCreery, R.W.** (2018) Our forgotten children: Lessons from the Outcomes of Children with Hearing Loss Collaboration. Decibel Therapeutics, Boston, MA, November.
- McCreery, R.W.**, Oleson, J.J., & Curren, M. (2018) The evolution of statistical methods in speech, language, and hearing sciences. Short Course, American Speech Language Hearing Association Convention, Boston, MA, November.
- McCreery, R.W.** (2018) Optimizing speech recognition in realistic environments for children who wear hearing aids, Scientific Meeting of the Acoustical Society of America, Victoria, BC, November.
- McCreery, R.W.** (2018) Promoting optimal diagnosis of management of hearing loss. Communica Conference, Santiago, Chile, October.

- McCreery, R.W.** (2018) Assessing outcomes of children with hearing loss. British Columbia Early Hearing Program Early Intervention Conference, October.
- McCreery, R.W.** (2018) Optimizing outcomes for children with hearing loss. ReSound Pediatric Conference, Minneapolis, MN, June.
- McCreery, R.W.** (2018) Enhancing auditory experience for children who wear hearing aids. New Jersey Academy of Audiology, Long Branch, NJ, April.
- McCreery, R.W.** & Walker, E.A. (2018) Using audibility to assess amplification candidacy for children with mild hearing loss. American Academy of Audiology Convention, Nashville, TN, April.
- McCreery, R.W.** (2018) Improving communication outcomes for children who wear hearing aids. American Speech Language Hearing Association Professional Development Webinar, April.
- McCreery, R.W.** (2017) Optimizing outcomes by promoting early auditory experience in children who wear hearing aids. American Speech Language Hearing Association Conference, Los Angeles, CA, November.
- McCreery, R.W.** (2017) The British Columbia Early Hearing Program Amplification Protocol. British Columbia Early Hearing Program Audiology Conference, Vancouver, BC, October.
- McCreery, R.W.** (2017) Lessons from the outcomes of children with hearing loss study. Intermountain Audiology, Speech, and Hearing (IMASH) Conference, Boise, ID, September.
- McCreery, R.W.** (2017) Promoting optimal diagnosis of management of hearing loss. ASARA Conference, Buenos Aires, Argentina, September.
- McCreery, R.W.** (2017) Achieving the best hearing aid fitting for infants and young children. Indiana Early Hearing Detection and Intervention Program Conference, July.
- McCreery, R.W.** (2017) Optimizing outcomes for children with hearing loss. ReSound Pediatric Conference, Minneapolis, MN, June.
- McCreery, R.W.** (2017) Improving outcomes for children with hearing loss. Warren Esterbrooks Conference, Toronto, ON, April.
- McCreery, R.W.** (2017) Best Practices for Universal Newborn Hearing Screening. British Columbia Early Hearing Program Hearing Screeners Training, April.
- McCreery, R.W.** (2017) Clinical strategies to improve outcomes for children with hearing loss. Ndiyeva Conference, Carel du Toit Center, Cape Town, South Africa, March.
- McCreery, R.W.** (2017) When is it time to raise the red flag for children with hearing loss? Controversial Issues in Pediatric Audiology Conference, New York, NY, March.
- McCreery, R.W.** & Galster, J. (2017) Myths and misconceptions about the future of hearing aids. Ohio Academy of Audiology Conference, Columbus, OH, February.
- McCreery, R.W.** (2016) What can studying children who wear hearing aids tell us about auditory development? Knowles Lecture, Northwestern University, Evanston, IL, December.
- McCreery, R.W.** (2016) Advanced considerations in pediatric hearing aid candidacy and evaluation & Is there a place for audiologists in the coming hearing aid service delivery apocalypse? Nationwide Children's Hospital Audiology Conference, Columbus, OH, October.
- Bagatto, M., Roush, P., Pigeon, M. & **McCreery, R.W.** (2016) Perspectives on Hearing Aid Fitting Challenges, Phonak Sound Foundation Through Early Amplification, Atlanta, GA, October.
- Stecker, G.C., Crum, P., Gallun, F., **McCreery, R.**, & Tollin, D. (2016) How can audiology and hearing science inform audio for augmented and virtual reality and vice versa? Audio for Augmented and Virtual Reality Conference, Los Angeles, CA, September.
- McCreery, R.W.** (2016) Building Blocks: Candidacy and outcomes for pediatric amplification. California Academy of Audiology, San Diego, CA, September.
- Brennan, M., Buss, E., **McCreery, R.W.**, & Jesteadt, W. (2016) Gap detection with a prescriptive procedure in children and adults with hearing loss. International Hearing Aid Conference, Tahoe City, CA, August.
- McCreery, R.W.** (2016) The effects of amplification on perceptual and cognitive development in children, International Hearing Aid Conference, Tahoe City, CA, August.
- McCreery, R.W.** (2016) Maximizing Cumulative Auditory Experience in Children who are Deaf and Hard of Hearing. Hear it Here! Conference, Little Ears Hearing Center, Louisville, KY, July
- McCreery, R.W.** (2016) Grand Rounds: Pediatrics. Audiology NOW! Phoenix, AZ, April.
- McCreery, R.W.** (2015) Cognitive and linguistic influences on listening in noise for children who wear hearing aids. American Speech Language Hearing Association Convention, Denver, CO, November.
- McCreery, R.W.** (2015) Frequency lowering for pediatric populations. Oticon Pediatrics 2015 Conference, Denver, CO, November.

- McCreery, R.W.** (2015) Speech is audible, now what? Oticon Eriksholm Summer Camp, Eriksholm, Denmark, August.
- McCreery, R.W.** (2015) How can we improve outcomes for children who wear hearing aids? University of North Texas Student Academy of Audiology Conference, Denton, Texas, June.
- McCreery, R.W.** (2015) Multidisciplinary Management of Children who are Hard of Hearing: Lessons from the Outcomes of Children with Hearing Loss Study. Multidisciplinary Evaluation and Management of Permanent Childhood Hearing Loss Conference, Walnut Creek, CA, May.
- McCreery, R.W.** (2015) Risk factors after newborn hearing screening/Best practices in newborn hearing screening. British Columbia Early Hearing Program Newborn Hearing Screeners Training, Vancouver, BC, April.
- Caine, M.L., **McCreery, R.W.**, Rawn, C. Uhler, K., Gaddam, A., Gifford, R. & Sydlowski, S.A. (2015) Pediatric grand rounds. Audiology NOW, San Antonio, TX, March.
- Galster, J., Grimes, A., **McCreery, R.W.** & Palmer, C. (2015) Pediatric amplification guideline update. Audiology NOW, San Antonio, TX, March.
- Walker, E.A., **McCreery, R.W.** (2015) Effects of Amplification on Auditory Development Outcomes for Children Who Are Hard of Hearing. Audiology NOW, San Antonio, TX, March.
- McCreery, R.W.** (2015) Outcomes for Children with Hearing Loss: Optimizing Auditory Access, North Carolina Educational Audiology Association Convention, Winston-Salem, NC, March
- McCreery, R.W.** (2015) Masterclass in Pediatric Audiology. University College of London, London, UK. March.
- McCreery, R.W.** (2015) Maximizing outcomes for children with hearing loss. Minnesota Department of Health/Minnesota Academy of Audiology Preconference, Minneapolis, MN, February.
- McCreery, R.W.** (2015) Practical outcomes for adult amplification/ How can audiologists improve outcomes for children who wear hearing aids. Ohio Academy of Audiology Conference, Columbus, OH February.
- McCreery, R.W.** (2015) Maximizing auditory development outcomes in children with hearing loss. Mayo Clinic Audiology Videoconference, Rochester, MN, February.
- McCreery, R.W.** (2014) Outcomes for Children with Hearing Loss: Research to Improve Practice. Colorado Department of Education, Thornton, CO. December.
- McCreery, R.W.** (2014) Insights from the Outcomes of Children with Hearing Loss Study. Phonak Pediatric Conference, Naperville, IL, November.
- McCreery, R.W.** (2014) Enhancing Early Auditory Experience in Children Who Are Hard of Hearing. Tom Davidson Memorial Conference, Knoxville, TN, September.
- McCreery, R.W.** (2014) How can amplification support cumulative auditory experience in children with hearing loss? Colorado Academy of Audiology Conference, Keystone, CO, September.
- McCreery, R.W.** (2014) Advanced Considerations in Pediatric Amplification/ How do hearing aids enhance early auditory experience in children who are hard of hearing? Kansas Speech-Language Hearing Association Convention, Overland Park, KS, September.
- McCreery, R.W.** (2014) Maximizing outcomes with pediatric amplification, Boys Town Pediatric Audiology Conference, Omaha, NE, August.
- Lewis, D. & **McCreery, R.** (2014) Advanced hearing instrument features: Considerations in pediatric hearing aid fitting. Pre-conference Event for the 14th Pediatric Audiology Interest Group Conference of the British Society of Audiology, Birmingham, UK, 2014
- McCreery, R.W.** (2014) Elevating your hearing aid dispensing practice/ Documenting outcomes for patients who use hearing aids. Oticon Canada Summer Camp, Banff, Alberta, Canada, June.
- McCreery, R.W.** (2014) The importance of optimizing auditory access. Boys Town National Research Hospital Online Lecture Series, January.
- McCreery, R.W.** Walker, E.W., & Spratford M. (2013) Are we on target with our pediatric hearing aid fittings? Phonak Sound Foundations Through Early Amplification Conference, Chicago, December.
- McCreery, R.W.** (2013) Advanced issues in pediatric amplification. British Columbia Early Hearing Program Conference, Richmond, BC, October.
- McCreery, R.W.** (2013) Step-wise management of auditory neuropathy spectrum disorder. British Columbia Early Hearing Program Conference, Richmond, BC, October.
- McCreery, R.W.** How do language and working memory support speech recognition in children? Boys Town National Research Hospital Smart Lunch Series, September.
- McCreery, R.W.** (2013) Assessment and Selection of Amplification for Children/Verification and Validation of Amplification for Children, Oticon Pediatric Conference, Stone Mountain, GA, September.
- McCreery, R.W.** (2013) Electrophysiological assessment of hearing in infants and children. Boys Town National Research Hospital Pediatric Audiology Conference.

- McCreery, R.W.** (2013) What We Can Learn from Speech Recognition Testing in Children Who Are Deaf or Hard of Hearing? Boys Town National Research Hospital Nuts and Bolts Lecture Series.
- McCreery, R.W.** (2013) Developments in physiological assessment of hearing, Kaiser Permanente Continuing Education Conference, Oakland, California, May.
- McCreery, R.W.** (2013) Hands-on hearing-aid verification, AudiologyNow! Learning Lab, Anaheim, CA April.
- McCreery, R.W.** (2013) Pediatric amplification, MidSouth Conference on Communication Disorders, Memphis, February.
- McCreery, R.W.** (2013) Pediatric assessment and amplification. Arkansas Children's Hospital, Little Rock, February.
- McCreery, R.W.** (2012) Predicting developmental outcomes in children who are hard of hearing. Charles Van Riper Lecture Series, Western Michigan University, Kalamazoo, MI, October.
- McCreery, R.W.** (2012) Overcoming pediaphobia in audiology: A 5-step program. Scott Haug Audiology Retreat, New Braunfels, TX, October.
- McCreery, R.W.** (2012) American Academy of Audiology Pediatric Grand Rounds, March, Online.
- McCreery, R.W.** (2012) Advanced considerations in the verification of pediatric amplification, Children's Hospital of Philadelphia Amplification Conference, March.
- McCreery, R.W.** (2012) Hearing aid verification essentials. Annual Early Hearing Detection and Intervention Meeting. St. Louis, MO, February.
- McCreery, R.W.** (2012) Challenges in pediatric hearing aid verification, South Carolina Academy of Audiology, January.
- McCreery, R.W.** (2012) Selection and verification of amplification for children, Starkey Hearing Innovation Expo, Las Vegas, NV, January.
- McCreery, R.W.** (2011) Management of auditory neuropathy spectrum disorder. Oticon. Toronto, ON, November
- McCreery, R.W.** (2011) Hearing aid selection and fitting for infants and young children EHDI: Partnering for progress, Raleigh, NC, October
- McCreery, R.W.** & Mundy, M. (2011) Technology for families of children who are deaf and hard-of-hearing EHDI: Partnering for progress, Raleigh, NC, October
- McCreery, R.W.** (2011) Turn it up to 11 (kHz)! The importance of high-frequency audibility. Canadian Academy of Audiology, Victoria, BC, October.
- McCreery, R.W.** (2011) Diagnosis and management of auditory neuropathy spectrum disorder. Canadian Academy of Audiology, Victoria, BC, October.
- McCreery, R.W.** (2011) Pediatric amplification in-service. National Center for Child Hearing Assessment and Management (NCHAM) Utah State University, September
- McCreery, R.W.** (2011) Diagnosis and management of auditory neuropathy spectrum disorder. Kansas Speech-Language Hearing Association, September
- McCreery, R.W.** (2011) What audiologists need to know about digital noise reduction. Nebraska Speech-Language Hearing Association, September.
- McCreery, R.W.** (2011) Aided speech audibility: Foundations for speech and language development. BTNRH Nuts and Bolts Lunch Lecture Series, January.
- McCreery, R.W.** (2010) Should digital noise reduction be activated in pediatric hearing aid fittings? Phonak Sound Foundations Through Early Amplification Conference, November.
- McCreery, R.W.** (2010) Diagnostic follow-up after newborn hearing screening. Washington State EHDI Program, September.
- McCreery, R.W.** (2010) Management of auditory neuropathy spectrum disorder. Kansas Speech-Language Hearing Association, February.
- McCreery, R.W.** (2009) Management of auditory neuropathy spectrum disorder/ Verification of advanced hearing-aid technology Alberta Association of Audiologists, November.
- McCreery, R.W.** (2009) Verification of advanced hearing aid features for educational professionals, Speech Pathologists and Audiologists in Louisiana Schools (SPALS) October.
- McCreery, R.W.** (2009) Infant Hearing Aid Fitting and Verification: Evidence-Based Approaches ASHA Web Seminar, June.
- McCreery, R.W.** (2008) Pediatric hearing-aid verification: Innovative trends, Audiology Online

- McCreery, R.W.** (2008) Verification of advanced hearing-aid features, Louisiana Board of Examiners for Speech-language Pathology and Audiology, Baton Rouge, Louisiana, April.
- McCreery, R.W.** (2008) Audiology and hearing science for equipment distributors, National Association of Specialty Equipment Distributors (NASSED) Convention, Omaha, Nebraska February.
- McCreery, R.W.** (2007) Pediatric amplification for educational audiologists, SPALS Convention, Lafayette, Louisiana, October.
- McCreery, R.W.** (2007) Management of auditory neuropathy: Mission Impossible? American Academy of Pediatrics Hot Topics in Early Hearing Detection and Intervention Teleconference June.
- McCreery, R.W.** (2007) Pediatric amplification, South Dakota Speech Language Hearing Association Convention, Sioux Falls, SD April.
- McCreery, R.W.** (2006) Pediatric Amplification: Identification and Management, North Dakota Speech Language Hearing Association, Bismarck, ND, October.

### CONFERENCE PRESENTATIONS

- Reeson, E.A., Eastman, J.A., Frenzel, M.R., Spratford, M., **McCreery, R.W.** & Heinrichs-Graham, E. (2019) Children with hearing loss exhibit altered neural dynamics serving abstract reasoning, National Science Foundation Summer Scholar Poster presentation at the University of Nebraska Medical Center Research Day, July.
- Gallegos, W.J., Eastman, J.A., Frenzel, M.R., Joe, T.R., Spratford, M., **McCreery, R.W.** & Heinrichs-Graham, E. (2019) The impact of hearing loss on the neural oscillatory dynamics of visual selective attention in children, INBRE Scholar Poster presentation at the University of Nebraska Medical Center Research Day, July.
- McCreery, R.W.**, Leibold, L. & Buss, E. (2019) Executive functions predict improvements in pure-tone thresholds for children with normal hearing and children with hearing loss, Poster presentation at the Acoustical Society of America. Louisville, KY.
- Leibold, L.J., Browning, J.M., **McCreery, R.W.**, & Buss, E. (2019) Factors Affecting Speech-in-Noise and Speech-in-Speech Recognition for School-Age Children with Hearing Loss. Podium presentation at the Acoustical Society of America. Louisville, KY.
- \*Mashburn, A.N., **McCreery, R.**, & Spratford, M. (2019) Children's Speech Recognition in Noise: Relationship with Language and Cognition. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- Fultz, S. Kopun, J., **McCreery, R.**, Neely, S., Rasetshwane, D., Brennan, M. Audette, W. & Clavier, O. (2019) Evaluation of an Open Source Audio Processing Platform: Feedback Management. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- McCreery, R.W.** Spratford, M., Brennan, M. & Walker, E.A. (2018) Comparisons of criteria for prescriptive target proximity in children, Poster presentation at the International Hearing Aid Conference, Tahoe City, CA, August.
- \*Grindle, A., Spratford, M., McCreery, R.W., & Walker, E.A. (2018) Improving Pediatric Wideband Real-Ear-to-Coupler Difference Predictions Using Absorbance. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- McCreery, R.W.**, Bosen, A., & Brennan, M. (2017) Linguistic contributions to frequency-importance functions in children. Poster presentation at the Acoustical Society of America, Boston, MA.
- McCreery, R.W.**, Spratford, M., Brennan, M. & Walker, E.A. (2017) Improving predictions of real-ear-to-coupler-differences in children using immittance. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- \*Jorgensen, E., Buss, E., Kirby, B., Gallun, F., Molis, M., **McCreery, R.W.**, & Brennan, M. (2017) Effect of level on spectral ripple detection thresholds in adults. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- \*Mollak, C., Walker, E.A., Spratford, M., & **McCreery, R.W.** (2017) Auditory access and behavioral outcomes for children with hearing loss. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.
- \*Lang, H., **McCreery, R.W.**, Leibold, L., Miller, M., & Buss, E. (2017) Effects of language and cognition on children's masked speech perception. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ.

- McCreery, R.W.**, Buss, E., & Leibold, L. (2017) Does self-generated noise affect low-frequency audiometric thresholds in children? Poster presentation at the Association for Research in Otolaryngology Meeting, Baltimore, MD, February.
- Rasetshwane, D., Raybine, D.A., Kopun, J.G., Brennan, M.A. & **McCreery, R.W.** (2016) The influence of the stimulus level used to prescribe nonlinear frequency-compression on speech perception, Poster presentation at the International Hearing Aid Conference, Tahoe City, CA, August.
- McCreery, R.W.** (2016) The Influence of Auditory Experience on Working Memory in Children who are Hard of Hearing, BTNRH Auditory Development Conference, May.
- Ng, S., Aiken, S.J., Poost-Foroosh, L., Crukley, J., **McCreery, R.W.**, & Phelan, S. (2016) Seeing Shades of Gray: Optimizing Audiology-Industry Relations Through Evidence and Nuance. Podium presentation at Audiology NOW! Phoenix, AZ, April.
- Brennan, M., **McCreery, R.**, Kopun, J. & Lewis, D. (2015) Speech Recognition & Listening Effort With Frequency Compression Amplification for Children & Adults. Poster presentation at the American Speech Language Hearing Association Convention, Denver, CO, November.
- \*Kirby, B., Spratford, M., Browning, J. Brennan, M. & **McCreery, R.W.** (2015) Spectral resolution and speech recognition in noise for children with hearing loss. Poster presentation at the Acoustical Society of America Meeting, Pittsburgh, PA, May.
- Brennan, M., Jesteadt, W. & **McCreery, R.W.** (2015) Forward masking in children and adults with normal hearing and hearing loss. Poster presentation at the Acoustical Society of America Meeting, Pittsburgh, PA, May.
- \*Kirby, B. & **McCreery, R.W.** (2015) Effects of Developmental Factors on Spectral Resolution and Speech Recognition. Podium presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ, March.
- Walker, E.A., Oleson, J.J., Spratford, M. & **McCreery, R.W.** (2015) Predictors of Gating Performance in Children with Hearing Loss. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ, March.
- \*Browning, J. Brennan, M., Spratford, M. & **McCreery, R.W.** (2015) Audibility and Spectral Resolution Influence Performance and Preference for Frequency Composition. Poster presentation at the Scientific Meeting of the American Auditory Society, Scottsdale, AZ, March.
- Brennan, M.A., Jesteadt, W. & **McCreery, R.W.** (2014) Optimizing forward-masked thresholds with amplification. Podium presentation at the International Hearing Aid Conference, Tahoe City, CA, August.
- McCreery, R.W.**, Brennan, M.A., Won, J.H., Lewis, D.E. & Kopun, J. (2014) Audibility and spectral resolution as predictors of speech recognition with nonlinear frequency compression. Poster presentation at the International Hearing Aid Conference, Tahoe City, CA, August.
- McCreery, R.W.**, Walker, E., Spratford, M., Roush, P.A., & Fernau, K. (2014) Progression of hearing loss in children. Podium Presentation at the HEaring Across the Lifespan (HEAL) conference, Lake Como, Italy, June.
- Walker, E., Holte, L., **McCreery R.W.**, & Spratford, M. (2014) The effect of hearing aid use on outcomes of children with mild bilateral hearing loss. Podium presentation at the HEaring Across the Lifespan (HEAL) conference, Lake Como, Italy, June.
- Spratford, M, **McCreery, R.W.**, & Hatala, E. (2014) Effects of working memory and language on children's speech perception. Podium presentation at the American Auditory Society (AAS) Meeting, Phoenix, AZ.
- Nishi, K., Kopun, J., **McCreery, R.W.** & Stelmachowicz, P.G. (2014) Change in fricative production after fitting frequency compression hearing aids. Poster presentation at the AAS Meeting, Phoenix, AZ.
- \*Hodson, H., Spratford, M., Brennan, M. & **McCreery, R.W.** (2014) Effect of linguistic environment on detection of /s/ and /z/. Poster presentation at the National EHDI Meeting, Jacksonville, FL, April.
- \*Hodson, H., Spratford, M., Brennan, M., Liebold, L., Hatala, E. & **McCreery, R.W.** (2014) Effect of linguistic environment on detection of /s/ and /z/. Poster presentation at the AAS Meeting, Phoenix, AZ, March.
- Brennan, M., **McCreery, R.W.**, Lewis, D.E., Kopun, J., Hoover, B. & Stelmachowicz, P.G. (2014) Masking Release for Children with Hearing Loss using Amplification, Poster presentation at the AAS Meeting, Phoenix, AZ.
- McCreery, R.W.**, Walker, E., Spratford, M, Hatala, E., & Jacobs, S. (2013) Aided speech recognition in noise for children with hearing loss. Poster presentation at the AAS Meeting, Phoenix, AZ.
- \*Blom, C., Lewis, D.E. & **McCreery, R.W.** (2013) Audible hearing-aid bandwidth measured with a speech stimulus. Poster presentation at the AAS Meeting, Phoenix, AZ.
- Brennan, M.A., **McCreery, R.W.**, & Lewis, D.E. (2013) An update to the Situational Hearing Aid Response Profile (SHARP). Poster presentation at the AAS Meeting, Phoenix, AZ.
- Bentler, R.A., Walker, E., **McCreery, R.W.**, Arenas, R. & Roush, P.A. (2013) Speech and language outcomes with frequency compression. Podium presentation at the AAS Meeting, Phoenix, AZ.

- Goehring, J. L., Hughes, M. L., Baudhuin, J. L., Valente, D. L., **McCreery, R. W.**, Diaz, G. R., Sanford, T., Harpster, R. An evaluation of speech perception via telehealth: How does technology and testing environment affect scores for CI recipients? Podium Presentation, 12th International Conference on Cochlear Implants and Other Implantable Auditory Technologies, Baltimore, MD.
- McCreery, R.W.**, Lenzen, N., Simms, K., Beauchaine, K., Kaminski, J. & Gorga, M. (2012) ABR predictions of behavioral threshold: Effect of degree of hearing loss. Podium presentation at the AAS Meeting, Phoenix, AZ.
- Brennan, M., **McCreery, R.W.**, Kopun, J. Hoover, B. & Stelmachowicz, P. (2012) Signal processing preference for music and speech in adults and children with hearing loss. Poster presentation at the AAS Meeting, Phoenix, AZ.
- Kopun, J. **McCreery, R.W.**, Brennan, M., Hoover, B. & Stelmachowicz, P. (2012) Effects of exposure on speech recognition with nonlinear frequency compression. Poster presentation at the AAS Meeting, Phoenix, AZ.
- McCreery, R.W.** & Stelmachowicz, P.G. (2011) Frequency-importance functions for nonword stimuli obtained from normal-hearing children and adults Podium presentation at the AAS Meeting, Phoenix, AZ.
- \*Gustafson, S.G., **McCreery, R.W.**, Hoover, B., Kopun, J. & Stelmachowicz, P.G. (2011) Ease of listening and speech recognition with digital noise reduction for normal hearing children NIH-sponsored poster presentation at the AAS Meeting, Phoenix, AZ.
- \*Gustafson, S.G., **McCreery, R.W.**, Hoover, B., Kopun, J. & Stelmachowicz, P.G. (2010) The effects of digital noise reduction on speech recognition and listening effort in normal-hearing children. NIH-sponsored poster presented at the Phonak Sound Foundations Through Early Amplification Conference.
- \*Shupe, S., Heinrichs, E., Lewis, D., & **McCreery, R.W.** (2010). The effects of noise on listening effort in normal-hearing children. NIH-sponsored poster presented at the AAS Meeting, Phoenix, AZ, March.
- \*Lewis, J.D., **McCreery, R.W.**, Neely, S.T., & Stelmachowicz, P.G. (2009) Comparison of in-situ calibration methods for quantifying ear-canal sound level, Poster presentation at the AAS Meeting.
- McCreery, R.W.** Pittman, A.L., Neely, S.T. & Stelmachowicz, P.G. (2008) *Use of forward pressure level (FPL) to minimize the influence of acoustic standing waves during probe microphone hearing aid verification.* International hearing aid conference, Lake Tahoe, California. August.
- McCreery, R.W.** & Griffith, N. (2007) *Desired sensation level (DSL) 5.0 for pediatric hearing aid fittings,* BTNRH pediatric amplification conference, July.
- Sanford, C.A., Keefe, D.H., Liu, Y.-W., Fitzpatrick, D., **McCreery, R.W.**, Lewis, D.E., & Gorga, M.P. (2007) Predicting middle ear status in newborn infants: Test performance of wideband reflectance/admittance and 1 kHz tympanometry. Podium presentation presented at the AAS Meeting, Phoenix, AZ.
- \*Ito, R. **McCreery, R.W.**, Spratford, M. Lewis, D.E., Hoover, B.; & Stelmachowicz, P.G. (2007) Performance-intensity functions for normal-hearing adults and children using CASPA. Poster presentation at the AAS Meeting, Phoenix, AZ.
- McCreery, R.W.** (2007) *Medical management of auditory neuropathy,* University of Nebraska Medical Center (UNMC) ENT Grand Rounds, Omaha, February.
- McCreery, R.W.** & Simmons, J.L. (2006) *Audiological management of children with auditory neuropathy/dys-synchrony,* American Speech Language Hearing Association, Miami Beach, FL November.
- McCreery, R.W.** (2006) *Clinical application of evoked potentials,* UNMC ENT Grand Rounds, Omaha, November.
- McCreery, R.W.** (2006) *Audiological management of children with auditory neuropathy/dys-synchrony,* Nebraska Speech Language Hearing Association, Kearney, Nebraska, September 28.
- McCreery, R.W.** (2006) *Amplification Protocol for Infants,* BTNRH Pediatric Amplification Conference, Omaha, September 15.
- McCreery, R.W.** (2004) *A Case of Adult Auditory Neuropathy,* Virginia Mason Listen for Life Center Fall Conference, Seattle, Washington, October 16.
- McCreery, R.W.** (2003) *Advances in Hearing Aid and Assistive Technology for Hearing Impaired Adults,* Creighton University Medical Center Senior Partners, January 23.
- McCreery, R.W.** (2003) *Diagnosis and Management of Central Auditory Processing Disorders,* Boys Town National Research Hospital, Omaha, January 14.
- McCreery, R.W.** (2002) *Fitting Hearing Aids Based on Auditory Brainstem Response Measures* BTNRH Pediatric Amplification Conference, Omaha, October 18.
- McCreery, R.W.** & Fahey, K. (2000) *Differential Diagnosis of Central Auditory Processing Disorder*

*and ADHD* National Conference for Undergraduate Research, University of Montana, Missoula, Montana - April 23.

### **CONSULTING**

British Columbia Early Hearing Program – March 2014 – Present

-Developed and presented training to audiologists and newborn hearing screening personnel for provincial health unit.

-Updated pediatric amplification protocols and pediatric hearing aid examination for audiologists.

National Children's Study – Sensory Team – August 2014 – September 2015

-Provided input to the development of a tablet-based hearing threshold assessment to be used in homes, offices and other nonstandard test environments for a longitudinal study of child development.

American Board of Audiology – Subject Matter Expert – Pediatric Audiology – January 2010 – December 2013

-Served as a subject matter expert to develop questions for Pediatric Audiology Specialty Certification examination.

### **TEACHING EXPERIENCE**

Nova Southeastern University, 2018- Present

Advanced Graduate Amplification Seminar

University of Nebraska Medical Center (UNMC), 2017 – Present

Systems Neuroscience (Auditory system lectures)

Salus University, Adjunct Faculty, International AuD Bridge Program, 2014 – Present.

Pediatric Audiology: Current Trends in Behavioral Assessment.

Pediatric Amplification

University of Nebraska – Omaha 2010-2013

Aural rehabilitation

Basic Audiology

University of Nebraska – Lincoln

Assessment of infants and children (Co-taught with Dawna Lewis) 2009 - 2014

University of Nebraska Medical Center–Otolaryngology Resident Training Program June 2006 – January 2011

University of Nebraska-Lincoln –

Basic Audiology (SLPA 270) (Co-taught with Stephen Boney) Spring Semester 2001.

### **RESEARCH MENTORSHIP**

ASHA Pathways Mentorship Program, Mentor (2019) – Mentee, Kelsey Klein, University of Iowa

Benjamin Kirby, Ph.D. 2014-2016, Post-doctoral fellow, University of Iowa

Elizabeth Heinrichs-Graham, Ph.D., 2018-Present, Great Plains IDEA CTR Mentored Scholar, UNMC

Daniel Rasetshwane, Ph.D., 2017, Great Plains IDEA CTR Mentored Scholar, BTNRH

James Lewis, Ph.D. 2008, BTNRH T-35 Trainee, University of Iowa

Samantha Gustafson, Au.D, 2010, BTNRH T-35 Trainee, Arizona State University

Hannah Hodson, Au.D. 2013, BTNRH T-35 Trainee, University of North Carolina, Chapel Hill

Jenna Browning, Au.D. 2014, BTNRH T-35 Trainee, University of North Carolina, Chapel Hill

Kelsey Klein, Au.D. 2015, BTNRH T-35 Trainee, University of Iowa

Erik Jorgensen, Au.D. 2016, BTNRH T-35 Trainee, University of Iowa

Anastasia Grindle, 2017, BTNRH T-35 Trainee, Northern Illinois University

Amy Mashburn, 2018, BTNRH T-35 Trainee, University of Tennessee Health Sciences Center

Alyssa Frenette, 2019, BTNRH T-35 Trainee, University of Maryland

Chelsea Blom, 2011, UNL AuD Student Capstone

Kelci Kiltbau, 2012, UNL AuD Student Capstone

Kristen Fernau, 2013-Present, UNL AuD Student Capstone

Callie Givens, 2013-Present, UNL AuD Student Capstone

Starla Phillipelli, 2014-Present, UNL AuD Student Capstone

### **PROFESSIONAL AFFILIATIONS AND LICENSURE**

Certificate of Clinical Competence in Audiology (CCC-A), American Speech Language

Hearing Association (ASHA) (2002-2016).

Member of the ASHA, 2002-Present  
Member of the American Academy of Audiology (AAA)  
Member of the Association for Research in Otolaryngology  
Member of the American Auditory Society  
Member of the Acoustical Society of America  
Member of the Educational Audiology Association  
Member of the Nebraska Speech Language Hearing Association (NSLHA)  
State of Nebraska Audiology License (2002-2016).  
State of Nebraska Hearing Aid Dispensing License (2004-2012)

## **AWARDS AND SERVICE**

### **Academic Awards and Honors**

1999 Departmental Scholar, Department of Communication Disorders, University of Northern Colorado (UNC)  
2000 Departmental Scholar, Department of Communication Disorders, UNC  
B.A. Awarded with Honors, UNC  
Graduate Fellowship, University of Nebraska-Lincoln (UNL) 2000-2002  
Regents Fellowship, UNL, 2001-2002  
Othmer Fellowship, UNL, 2007-2010  
Student Research Travel Award, International Hearing Aid Conference, August 2008

### **Professional Awards and Service**

2007 Honors of the Association, Nebraska Speech Language Hearing Association  
2013 Early Career Contributions to Research Award, American Speech Language Hearing Association  
2015 Distinguished Alumnus, UNC, College of Natural and Health Sciences.  
2016 Distinguished Alumnus, Barkley Memorial Center, UNL

Editor, American Journal of Audiology, 2020 - Present  
Associate Editor, Ear and Hearing, 2015-2020.  
Associate Editor, Journal of Educational Audiology 2013-Present.  
Associate Editor, American Journal of Audiology, 2015-2019

Ad-hoc reviewer, Ear and Hearing, Pediatrics, International Journal of Audiology, Journal of the Acoustical Society of America, Doody Book Reviews, EURASIP: Journal for Advances in Signal Processing, Journal of the American Academy of Audiology, Journal of Educational Audiology, Journal of International Pediatric Otorhinolaryngology, American Journal of Audiology, Journal of Speech, Language, and Hearing Research, Speech, Language and Hearing Services in Schools, Journal of Speech Language Pathology, ASHA Special Interest Groups 6 and 9, Perspectives, Acta Acustica, International Journal of Pediatric Otorhinolaryngology, AGE, Trends in Amplification / Hearing, Journal of Early Hearing Detection and Intervention, Current Directions in Psychological Science, Frontiers in Auditory Neuroscience, Frontiers in Speech Communication, PLOS One, Archives of Otolaryngology, Otology and neurotology

Joint Committee on Infant Hearing (JCIH), ASHA Representative, Member, 2017 – Present.  
Reviewer, NIH Communication Disorders Review Committee (CDRC) 2018- Present.  
Ad-hoc reviewer, NIH Language and Communication Study Section (LCOM), February 2016, June 2018.  
Ad-hoc reviewer, NIH Infectious, Reproductive, Asthma, and Pulmonary Conditions Study Section (IRAP), February 2019.  
Ad-hoc reviewer, ASHA Foundation Grant Review Program, 2015, 2017.  
Founding Board Member, Audiology Professional Standards Organization (APSO)  
American Speech-Language Hearing Association (ASHA)  
    Legislative Councilor, Nebraska, January 2006 – December 2007  
    Resolutions Working Group, 2007  
    Ad-hoc Committee on Governance Transition 2007 – 2008  
    Political Action Committee (PAC) Board, Member, 2008 – 2011  
        Vice-chair, 2009, Chair, 2010  
    Committee on Nominations and Elections, 2008 - 2009

Audiology Advisory Council Member, Nebraska, January 2008 – December 2009

Government Relations and Public Policy Board, 2015

Editorial Board, American Journal of Audiology, 2015- Present

American Academy of Audiology (AAA)

State Leaders Network, 2006 – Present

Licensure Portability Task Force, 2008

Pediatric Amplification Working Group, 2008 – Present

Counseling Guidelines Task Force – 2009 – 2011

Audiology NOW! Public Relations Committee, 2013-2015

Research Committee, 2015 – Present

Chair, 2018-Present

Audiology NOW! Program Committee, 2016-Present

Chair for Learning Labs

Nebraska Department of Health and Human Services

Audiology and Speech Pathology Licensure Board, Member, 2011-2015

Ad-Hoc Committee on Music Therapy Licensure, Member, 2012

Ad-Hoc Committee on Dental Anesthesia, Member, 2013-4

Ad-Hoc Committee on Radiology Assistants, Member, 2014

Ad-Hoc Committee on Dental Auxiliary Services, Member, 2014-2015

Nebraska Speech-Language Hearing Association (NSLHA)

Legislative Affairs Committee, Member 2005 – 2012, Co-chair 2007 – 2010

Hear Strong Foundation, Hearing Strong Ambassador, 2015- Present.