

Ryan W. McCreery, Ph.D., CCC-A

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EDUCATION

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

M.S. in Audiology (2002) University of Nebraska-Lincoln

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

PROFESSIONAL EXPERIENCE

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

Boys Town National Research Hospital

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

Boys Town National Research Hospital

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

Salus University

Associate Director of Audiology (December 2011 – July 2013)

Boys Town National Research Hospital

Staff Scientist (December 2011 – June 2012)

Boys Town National Research Hospital

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

University of Nebraska-Lincoln

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

University of Nebraska-Omaha

Research Associate (May 2011- December 2011)

Boys Town National Research Hospital

Research Audiologist (August 2007 – May 2011)

Boys Town National Research Hospital, Omaha, Nebraska

Hearing Aid Research Laboratory, Patricia Stelmachowicz, Director

Newborn Hearing Screening Manager (January 2006 – July 2010)

Alegent Bergan Mercy Hospital, Omaha, Nebraska

Staff Audiologist (December 2004 – August 2007)

Boys Town National Research Hospital, Omaha, Nebraska

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, University of Nebraska-Lincoln

CURRENT PROFESSIONAL AFFILIATIONS AND LICENSURE

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

Hearing Association (ASHA)

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

Revised 5-13-15

State of Nebraska Hearing Aid Dispensing License (2004-2012)

AWARDED RESEARCH GRANTS

Principal Investigator, *Complex listening skills in school-age children who are hard-of-hearing*, NIH/NIDCD R01 DC013591 (2013 – Present)

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-Present)

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 1F31DC010505-01A1 (2010-2011).

PEER-REVIEWED PUBLICATIONS

* Indicates student-directed research

2015 or accepted

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*.
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*.
21. *Kimlinger, C., **McCreery, R.W.** & Lewis, D.E. (In press) High-frequency audibility: The effects of audiometric configuration, stimulus type and device. *Journal of the American Academy of Audiology*.

2014

20. Liebold, L.J., Hodson, H., **McCreery, R.W.**, Calandruccio, L., & Buss, E. (In press) 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

BOOK CHAPTERS

- McCreery, R.W.** (2015) 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*, 2nd edition. Plural: San Diego.

NON-PEER-REVIEWED PUBLICATIONS

- 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) 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(10), 34-36.

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
- 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
- McCreery, R.W.** (2007) Pediatric auditory neuropathy/dys-synchrony American Academy of Pediatrics EHDl 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

- 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 EHDl: Partnering for progress, Raleigh, NC, October
- McCreery, R.W.** & Mundy, M. (2011) Technology for families of children who are deaf and hard-of-hearing EHDl: 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 (NASED) 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

- 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.

TEACHING EXPERIENCE

- Salus University, Adjunct Faculty, International AuD Bridge Program, 2014 – Present.
Pediatric Audiology: Current Trends in Behavioral Assessment.
- University of Nebraska –Omaha
Aural rehabilitation Fall 2010 -2013
Basic Audiology Spring 2011 - 2012
- University of Nebraska – Lincoln
Assessment of infants and children (Co-taught with Dawna Lewis) Fall 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 MENTEES

- Ben Kirby, Ph.D. 2014-Present, Post-doctoral fellow, University of Iowa
- 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, 2013, BTNRH T-35 trainee, University of North Carolina, Chapel Hill
- Jenna Browning, 2014, BTNRH T-35 trainee, University of North Carolina, Chapel Hill
- Kelsey Klein, 2015, BTNRH T-35 Trainee, University of Iowa
- Chelsea Blom, 2011, UNL AuD Student Capstone
- Kelci Kilthau, 2012, UNL AuD Student Capstone
- Kristen Fernau, 2013-Present, UNL AuD Student Capstone
- Callie Givens, 2013-Present, UNL AuD Student Capstone
- Starla Fillipelli, 2014-Present, UNL AuD Student Capstone

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
Associate Editor, Journal of Educational Audiology 2013-Present.

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

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-Present

American Board of Audiology (ABA)

Subject matter expert for Pediatric Audiology Specialty Certification Examination, 2010-2013

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

Nebraska Department of Health and Human Services

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

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-Present

Nebraska Speech-Language Hearing Association (NSLHA)

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

Hear Strong Foundation, Hearing Strong Ambassador.

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