

CURRICULUM VITAE

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EDUCATION

Ph.D.	University of Nebraska Lincoln, NE	Human Sciences (Emphasis: Communication Disorders), 2000 - 2005 Dissertation: "The Development of Amplitude Modulation as an Auditory Grouping Cue"
M.A.	University of Tennessee Knoxville, TN	Audiology, 1980 - 1982 Thesis: "Acoustic Reflex Testing with Neonates"
B.S.	University of Virginia Charlottesville, VA	Speech Pathology and Audiology (with Honors) 1976 - 1980

PROFESSIONAL EXPERIENCE

May, 2015 to Present	Scientist I, Boys Town National Research Hospital, Omaha, NE
2009 to May, 2015	Staff Scientist, Boys Town National Research Hospital, Omaha, NE
2009 to Present	Director, Listening and Learning Laboratory, Boys Town National Research Hospital, Omaha, NE
2009 to 2014	Adjunct Assistant Professor, Dept. of Special Education and Communication Disorders, University of Nebraska, Lincoln, NE
2005 to 2009	Senior Research Associate, Boys Town National Research Hospital, Omaha, NE
2001 - 2003	Clinical Supervisor—Audiology, Barkley Memorial Speech and Hearing Clinic, University of Nebraska, Lincoln, NE
1983 - 2005	Research Assistant for Patricia G. Stelmachowicz, Ph.D., Director, Audiological Services, Boys Town National Research Hospital, Omaha, NE
1984 - 2002	Assistant Instructor of Human Communication, Department of Otolaryngology (contributed service), Creighton University School of Medicine, Omaha, NE
1996 - 2005	Senior Audiologist, Boys Town National Research Hospital, Omaha, NE

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| 1982 - 1996 | Clinical Audiologist, Boys Town National Research Hospital,
Omaha, NE |
| 1980 - 1982 | Graduate Audiologist, University of Tennessee,
Knoxville, TN |

PROFESSIONAL MEMBERSHIPS

- Acoustical Society of America
- American Academy of Audiology
- American Auditory Society
- American Speech-Language-Hearing Association
- Educational Audiology Association
- International Society of Audiology
- Nebraska Speech-Language-Hearing Association

PROFESSIONAL ACTIVITIES

- AAA Task Force on Guidelines for Remote Microphone Hearing Assistance Technology (HAT), 2005-
- AAA AudiologyNow Research and Clinical Posters Subcommittee, 2013
- ABA Pediatric Audiology Specialty Certification Committee, 2009-2011
- Ad Hoc Reviewer (current and past): *American Journal of Audiology*; *Ear and Hearing*; *International Journal of Audiology*; *Journal of the Acoustical Society of America*; *Journal of Educational Audiology*; *Journal of Speech, Language, Hearing Research*; *Journal of Speech, Language, Hearing Services in Schools*; *Trends in Amplification*, *Journal of Applied Psycholinguistics*
- ANSI Working Group SG/WG81 Specification of Hearing Assistance Devices/Systems, 1991-1995; 2011-2014
- ASHA Ad Hoc Committee on FM Systems, 1998-1999
- ASHA Board of Division Coordinators, 1995-1997
- ASHA Publications Board, January 2012-December 2016
- ASHA Program Committee, Audiology III--Amplification, 1987, 1992, 2001
- ASHA Program Committee, Audiology II--Aural Rehabilitation, 1994
- ASHA Program Committee, Audiology I--Audiology Assessment, 1995, 1996
- ASHA Program Committee, Audiology Intervention--Hearing Aids, 1997
- ASHA Program Committee, Educational Management of Children with Hearing Loss, 2002
- ASHA Program Committee, Audiology--Infant Hearing: Screening and Assessment, 2012
- ASHA Special Interest Division 9 Steering Committee, 1992-2000; Coordinator, 1995-1997
- Associate Editor
 - *Language, Speech and Hearing Services in Schools*, 1998-2000
 - *American Journal of Speech Language Pathology*, 2015-2016
- Better Hearing Institute Pediatric Advisory Council, 2008-2010
- BTNRH Institutional Review Board, May 2013-
- Certificate of Clinical Competence-Audiology, May 1983, American Speech-Language-Hearing Association
- Contributing Editor, *Audiology Online*, 2006, 2007
- Co-Editor

- *Achieving Clear Communication Employing Sound Solutions-2008: Proceedings of the First International Virtual Conference on FM.* (2010). C. Johnson, **D. Lewis**, H. Mulder, & L. Thibodeau (Eds.). Stäfa, Switzerland: Phonak AG.
- Advocating for Classroom Listening. (2010). *Seminars in Hearing*, 31(3). **D. Lewis** & C.D. Johnson (Guest Eds.). New York: Thieme.
- EAA Task Force on Recommendations for Professional Practices in Educational Audiology, 1996-1997
- EAA Research and Creative Endeavors Committee, 1997-2003, Chair, 1999-2003
- EAA Research Grants and Scholarships Committee, 2014-2015
- Editorial Board, *Seminars in Hearing*, 2001-
- Editorial Consultant, *Language, Speech and Hearing Services in Schools*, 1993-1997, 2001-2003
- Guest Associate Editor (Individual Manuscript Submissions)
 - *Language Speech and Hearing Services in Schools* (2013)
 - *American Journal of Speech Language Pathology* (2014)
 - *Language Speech and Hearing Services in Schools* (2015)
- Joint Committee of ASHA/Council on Education of the Deaf, 1996-2000, Chair, 1998-1999
- Phonak Pediatric Advisory Board, 2009-
- Subject matter expert for development of the ABA Pediatric Audiology Specialty Certification, 2011
- Study Group for Communication with the Hearing Impaired In Nebraska, 1995

HONORS/AWARDS

- Best Poster Award. "A Sound Foundation Through Early Amplification International Conference", Chicago, IL, November, 2001.
 - **Lewis, D.**, and Eiten, L. Assessment of advanced hearing-instrument and FM technology.
- Cheryl DeConde Johnson Award for Outstanding Achievement in Educational and Pediatric Audiology, 2008
- Editor's Award, *American Journal of Audiology*
 - **Lewis, D.** (1994). Assistive devices for classroom listening. *American Journal of Audiology*, 3, 58-69.
 - **Lewis, D.** (1994). Assistive devices for classroom listening: FM systems. *American Journal of Audiology*, 3, 70-83.
- Editor's Award, *Ear and Hearing*
 - Stelmachowicz, P.G., Pittman, A.L., Hoover, B.M., and **Lewis, D.** (2002). Aided perception of /s/ and /z/ by hearing-impaired children. *Ear and Hearing*, 23(4), 316-324.
- Editor's Award, *Ear and Hearing*
 - Moeller, M.P., Hoover, B., Putman, C., Arbataitis, K. Bohnenkamp, G. Peterson, B., Wood, S., **Lewis, D.**, Pittman, A., & Stelmachowicz, P.G. (2007). Vocalizations of Infants with Hearing Loss Compared to Infants with Normal Hearing: Part I – Phonetic Development. *Ear and Hearing*, 28(5), 605-627.
 - Moeller, M.P., Hoover, B., Putman, C., Arbataitis, K., Bohnenkamp, G., Peterson, B., **Lewis, D.**, Estee, S., Pittman, A., & Stelmachowicz, P., (2007). Vocalizations of Infants with and without Hearing Loss: Part II – Transition to Words. *Ear and Hearing*, 28(5), 628-642.
- Folsom Distinguished Dissertation Award, University of Nebraska-Lincoln
 - "The Development of Amplitude Modulation as an Auditory Grouping Cue", 2006

- Named as Caring Kind Employee of the Year (BTNRH) by the Nebraska Association of Hospitals and Health Systems, 1999
- NIH Mentored Student Poster Award, American Auditory Society Meeting
 - **Lewis, D.** & Carrell, T. “The Development of Amplitude Modulation as an Auditory Grouping Cue”. Poster Presentation. American Auditory Society Meeting, Phoenix, AZ, March 2005.

EXTRAMURAL FUNDING

- Co-Investigator, Phonak Pediatric Research Grant, "Assessment of four strategies for ensuring audibility of FM and environmental microphone signals in adverse listening conditions", 1998.
- Co-Investigator, “Pediatric research: Trial with advanced technology hearing instruments and FM systems”, clinical research trial sponsored by Phonak, Inc., 2001.
- NIH-NIDCD Ruth L. Kirschstein National Service Award Individual Predoctoral Fellowship (F31). “Development of Amplitude Modulation as a Grouping Cue”. March, 2004-May 2005.
- NIH-NIDCD Grant R01 DC004300, “Optimizing Amplification for Infants and Young Children” (Principal Investigator: Pat Stelmachowicz, Ph.D.). Research Associate, December 2004-May 2005, Co-Investigator, May 2005-November 2015 (no-cost extension).
- NIH-NIDCD Grant 1 R03 DC009675, “The Impact of Minimal Hearing Loss on Functional Auditory Skills in Children”. Principal Investigator, June 2008-May 2012.
- NIH-NIGMS Grant 1 P20 GM109023-01, “Center for Perception and Communication in Children (CPCC)”. (Program Director: Walt Jesteadt, Ph.D.). April 2014-March 2019.
 - Project 1: The Impact of Mild Hearing Loss on Auditory Perception in Complex Environments. Role: Principal Investigator
 - Project 2: The Impact of Hearing Loss on Speech Communication by Spanish-English Bilinguals (Principal Investigator: Kanae Nishi, Ph.D.) Role: Co-Investigator
 - Project 3: Perception and Production of Audiovisual Speech in Children with Hearing Loss (Principal Investigator, Nicholas Smith, Ph.D.) Role: Co-Investigator

COURSES TAUGHT

Pediatric Audiology (SLPA 918), University of Nebraska-Lincoln. Co-taught with Ryan McCreery, PhD, Fall semester 2009-2014

GRADUATE STUDENTS

Samantha Shupe, AuD student, University of Tennessee (2009 NIDCD T35 Fellowship Awardee; co-advisor with P. Stelmachowicz, PhD)
 Hallie Plevinsky, AuD student, University of Maryland (2010 NIDCD T35 Fellowship Awardee)
 Kati Hinrichson, AuD student, University of Nebraska-Lincoln (2010-2011 capstone project; co-advisor with UNL faculty member S. Boney, PhD)
 Crystal Manninen, AuD student, University of Nebraska-Lincoln (2011-2013 capstone project; co-advisor with UNL faculty member S. Boney, PhD)

Marcin Wroblewski, AuD/PhD student, University of Iowa (2011 NIDCD T35 Fellowship Awardee; co-advisor with P. Stelmachowicz, PhD)
Chelsea Blom, AuD student, University of Nebraska-Lincoln (2012-2014 capstone project co-advisor with adjunct UNL faculty member Ryan McCreery, PhD and UNL faculty member S. Boney, PhD)
Shannon Wannagot, AuD student, University of Connecticut (2013 NIDCD T35 Fellowship Awardee)
Marcin Wroblewski, PhD student, University of Iowa (2014-2016, Member, Final Examination Committee)
Katlyn Bostic, AuD student, University of Maryland (2014 NIDCD T35 Fellowship Awardee)
Maeve Salanger, AuD student, University of Maryland (2016 NIDCD T35 Fellowship Awardee)

POST-DOCTORAL FELLOWS

Daniel L. Valente, PhD (2009-2012; co-mentor with Walt Jesteadt, PhD)

PUBLICATIONS

- Johnson, D.** and Diefendorf, A. (1983). Acoustic-reflex testing with neonates. *The Hearing Journal*, 36, 26-29.
- Stelmachowicz, P., Larson, L., **Johnson, D.**, and Moeller, M.P. (1985). Clinical model for the audiological management of hearing-impaired children. *Seminars in Hearing*, 3, 223-237.
- Stelmachowicz, P., **Johnson, D.**, Larson, L., and Brookhouser, P. (1985). Relation between frequency selectivity and speech perception following glycerol-induced cochlear changes. *Journal of Speech and Hearing Research*, 50, 372-377.
- Stelmachowicz, P., **Lewis, D.**, Larson, L., and Jesteadt, W. (1987). Growth of masking as a measure of response growth in hearing-impaired listeners. *Journal of the Acoustical Society of America*, 81, 1881-1887.
- Stelmachowicz, P. and **Lewis, D.** (1988). Some theoretical considerations concerning the relation between functional gain and insertion gain. *Journal of Speech and Hearing Research*, 31, 391-496.
- Stelmachowicz, P., **Lewis, D.**, Seewald, R., and Hawkins, D. (1990). Complex and pure-tone signals in the evaluation of hearing aid characteristics. *Journal of Speech and Hearing Research*, 33, 380-385.
- Stelmachowicz, P., **Lewis, D.**, Kelly, W., and Jesteadt, W. (1990). Speech perception in low-pass filtered noise for normal and hearing-impaired listeners. *Journal of Speech and Hearing Research*, 33, 290-297.
- Lewis, D.**, Feigin, J., Karasek, A., and Stelmachowicz, P. (1991). Evaluation and assessment of FM systems. *Ear and Hearing*, 12, 268-280.
- Auslander, M., **Lewis, D.**, Schulte, L., and Stelmachowicz, P. (1991). Localization ability in infants with simulated unilateral hearing loss. *Ear and Hearing*, 12, 371-376.
- Lewis, D.** (1991). FM systems and assistive devices: Selection and evaluation. In J. A. Feigin and P. G. Stelmachowicz (Eds.), *Pediatric amplification: Proceedings of the 1991 national conference* (pp. 115-138). Omaha, NE: Boys Town.

- Frisbie, K., Beauchaine, K., Carney, A., **Lewis, D.**, Moeller, M.P., and Stelmachowicz, P. (1991). Longitudinal study of FM use in non-academic settings. In J. A. Feigin and P. G. Stelmachowicz (Eds.), *Pediatric amplification: Proceedings of the 1991 national conference* (pp. 153-162). Omaha, NE: Boys Town.
- Lewis, D.** (1992). Letter to the editor: FM systems. *Ear and Hearing*, 13, 290-293.
- Lewis, D.** and Stelmachowicz, P. (1993). Real ear to 6-cm³ coupler differences in young children. *Journal of Speech and Hearing Research*, 36, 204-209.
- Lewis, D.** (1994). Assistive devices for classroom listening. *American Journal of Audiology*, 3, 58-69.
- Lewis, D.** (1994). Assistive devices for classroom listening: FM systems. *American Journal of Audiology*, 3, 70-83.
- Stelmachowicz, P., **Lewis, D.**, Karasek, A. and Creutz, T. (1994). *Situational hearing aid response profile (SHARP, version 2.0) user's manual*. Omaha, NE: Boys Town National Research Hospital.
- Stelmachowicz, P., **Lewis, D.** and Carney, E. (1994). Preferred hearing-aid frequency responses in simulated listening environments. *Journal of Speech and Hearing Research*, 37, 712-719.
- Compton, C., **Lewis, D.**, Palmer, C. and Thelan, M. (1994). *Assistive technology: Too legit to quit*. Pittsburgh, PA: Support Syndicate for Audiology.
- Lewis, D.** (1994). Recent developments in FM-system technology for classroom use. *ASHA Special Interest Division 9 Newsletter*, 4(1), 2-6.
- Lewis, D.** (1995). Orientation to the use of FM Systems. In R. S. Tyler and D. Schum (Eds.), *Assistive devices for persons with hearing impairment* (pp. 165-181). Boston, MA: Allyn & Bacon.
- Stelmachowicz, P., Kopun, J., Mace, A., **Lewis, D.** and Nittrouer, S. (1995). The perception of amplified speech by listeners with hearing loss: Acoustic correlates. *Journal of the Acoustical Society of America*, 98, 1388-1399.
- Stelmachowicz, P., Kopun, J., Mace, A., & **Lewis, D.** (1996). Measures of hearing aid gain for real speech. *Ear & Hearing*, 17, 520-527.
- Moeller, M.P., Donaghy, K., Beauchaine, K., **Lewis, D.** and Stelmachowicz, P. (1996). Longitudinal study of FM system use in non-academic settings: Effects on language development. *Ear and Hearing*, 17(1), 28-41.
- Stelmachowicz, P., Kalberer, A., and **Lewis, D.** (1996). Situational hearing aid response profile (SHARP). In F. H. Bess J. Gravel and A. Tharpe (Eds.), *Amplification for children with auditory deficits* (pp. 193-214). Nashville, TN: Bill Wilkerson Center Press.
- Lewis, D.** (1997). Selection and assessment of classroom amplification. In W. McCracken and S. Laoide-Kemp (Eds.), *Audiology in education* (pp. 323-347). London, England: Whurr Publishers Ltd.

- Lewis, D.** (1997). FM systems: A good idea keeps getting better. *Volta Review*, 97, 183-196.
- Seaton, S. and **Lewis, D.** (1997). BTE-FM: The future is now! *Educational Audiology Newsletter*, 14(3), 3-6.
- Lewis, D.** and Scheller, T. (1997). *Telex select 2-40 fitting guide*. Minneapolis, MN: Telex Communications, Inc.
- Lewis, D.** (1998). Classroom amplification. In F. H. Bess (Eds.), *Children with hearing impairment: Contemporary trends* (pp 277-298). Nashville, TN: Bill Wilkerson Center Press.
- Lewis, D.** (1998). Improving communication access with FM amplification systems. *International Federation of Hard of Hearing People Journal*, 19(1), 7-12.
- Lewis, D.** (1998). FM systems: Not just for kids! *Hearing Health*, 14(5), 36-40.
- Lewis, D.**, Eiten, L., Hoover, B., Stelmachowicz, P., & Seewald, R., (1998). *FM systems for children: Rationale, selection and verification* (video and booklet). Stäfa, Switzerland: Phonak Communications AG.
- Stelmachowicz, P., Dalzell, S., Peterson, D., Kopun, J., **Lewis, D.**, and Hoover, B. (1998). A comparison of threshold-based fitting strategies for non-linear hearing aids. *Ear and Hearing*, 19(2), 131-138.
- Lewis, D.** (1999). Augmenting amplification in older children. *Advance for Speech Language Pathologists and Audiologists*, 9(28), 5, 15.
- Lewis, D.** (1999). Page 10: Selecting and evaluating FM systems. *The Hearing Journal*, 52(8), 10-16.
- Lewis, D.** (1999). Selecting and pre-setting amplification for children: Where do we begin? *Trends in Amplification*, 2(4), 72-89.
- Pittman, A., **Lewis D.**, Hoover B., Stelmachowicz, P. (1999). Recognition performance for four combinations of FM system and hearing aid microphone signals in adverse listening conditions. *Ear and Hearing*, 20(4), 279-289.
- Stelmachowicz, P., **Lewis, D.**, Hoover, B., and Keefe, D. (1999). Subjective effects of peak clipping vs. compression limiting in normal and hearing impaired children. *Journal of the Acoustical Society of America*, 105(1), 412-422.
- Lewis, D.** (2000). Fitting protocols for FM systems. *Advance for Audiologists*, 2(5), 48-49.
- Lewis, D.** (2000). Hearing instrument selection and fitting in children. In M. Valente, H. Hosford-Dunn, R. J. Roeser (Eds.), *Audiology treatment* (pp. 149-211). New York: Theime.
- Lewis, D.** and Eiten, L. (2000). One size does not fit all: Rationale and procedures for FM system fitting. In R.C. Seewald (Ed.), *A sound foundation through early amplification: Proceedings of an international conference* (pp. 87-108). Stäfa, Switzerland: Phonak Communications AG.

- Stelmachowicz, P., Hoover, B., **Lewis, D.**, Kortekaas, R., & Pittman, A. (2000). The relation between stimulus, context, speech audibility, and perception for normal and hearing impaired children. *Journal of Speech, Language, and Hearing Research*, 43(4), 902-914.
- Hoover, B., Stelmachowicz, P. and **Lewis, D.** (2000). The effect of earmold fit on predicted real ear SPL using a real ear to couple difference procedure. *Ear and Hearing*, 21(4), 310-317.
- Stelmachowicz, P., Pittman, A., Hoover, B., and **Lewis, D.** (2001). Effect of stimulus bandwidth on the perception of /s/ in normal- and hearing-impaired children and adults. *Journal of the Acoustical Society of America*, 110(4), 2183-2190.
- Stelmachowicz, P., Pittman, A., Hoover, B., and **Lewis, D.** (2002). Aided perception of /s/ and /z/ by hearing-impaired children. *Ear and Hearing*, 23(4), 316-324.
- Stelmachowicz, P., **Lewis, D.**, and Creutz, T. (2002). *Situational Hearing Aid Response Profile (SHARP, Version 6.0) User's Manual*. Omaha, NE: Boys Town National Research Hospital.
- Pittman, A., Stelmachowicz, P., **Lewis, D.**, & Hoover, B. (2002). Influence of hearing loss on the perceptual strategies of children and adults. *Journal of Speech, Language, and Hearing Research*, 45(6), 1276-1284.
- Stelmachowicz, P., Hoover, B., **Lewis, D.**, & Brennan, M. (2002). Is functional gain *really* functional? *Hearing Journal*, 55, 38-42.
- Pittman, A., Stelmachowicz, P., **Lewis, D.**, & Hoover, B. (2003). Spectral characteristics of speech at the ear. *Journal of Speech, Language, and Hearing Research*, 46, 649-657.
- Lewis, D.** & Eiten, L. (2004). Assessment of advanced hearing instrument and FM technology. In D.A. Fabry and C. DeConde Johnson (Eds.), *ACCESS: Achieving Clear Communication Employing Sound Solutions-2003. Proceedings of the First International FM Conference*. (pp. 167-174). Phonak AG.
- Stelmachowicz, P., Pittman, A., Hoover, B., and **Lewis, D.** (2004). Novel-word learning in children with normal hearing and hearing loss. *Ear and Hearing*, 25(1), 47-56.
- Stelmachowicz, P., Pittman, A., Hoover, B., **Lewis, D.**, & Moeller, M.P. (2004). The importance of high-frequency audibility in the speech and language development of children with hearing loss. *Archives of Otolaryngology Head and Neck Surgery*, (130), 556-562.
- Pittman, A., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. (2005). Rapid word-learning in normal-hearing and hearing-impaired children: Effects of age, receptive vocabulary, and high-frequency amplification. *Ear and Hearing*, 26(6), 619-629. [PMCID: PMC2654177]
- Lewis, D.** (2006). HATs aren't just for adults. Improving communication access in childhood. *Audiology Online*. Available from http://audiologyonline.com/articles/article_detail.asp?article_id=1573.
- Lewis, D.** (2006). Electroacoustic evaluation of advanced FM systems. *Audiology Online*. Available from http://audiologyonline.com/articles/article_detail.asp?article_id=1718.

- Moeller, M.P., Hoover, B., Putman, C., Arbataitis, K., Bohnenkamp, G., Peterson, B., Wood, S., **Lewis, D.**, Pittman, A., & Stelmachowicz, P.G. (2007). Vocalizations of Infants with Hearing Loss Compared to Infants with Normal Hearing: Part I – Phonetic Development. *Ear and Hearing, 28*(5), 605-627.
- Moeller, M.P., Hoover, B., Putman, C., Arbataitis, K., Bohnenkamp, G., Peterson, B., **Lewis, D.**, Estee, S., Pittman, A., & Stelmachowicz, P., (2007). Vocalizations of Infants with and without Hearing Loss: Part II – Transition to Words. *Ear and Hearing, 28*(5), 628-642.
- Lewis, D.** & Carrell, T. (2007). The effect of amplitude modulation on intelligibility of time-varying sinusoidal speech in children and adults. *Perception and Psychophysics, 69*(7), 1140-1151.
- Stelmachowicz, P., **Lewis, D.**, Choi, S., & Hoover, B. (2007). The effect of stimulus bandwidth on auditory skills in normal-hearing and hearing-impaired children. *Ear and Hearing, 28*(4), 483-494. [PMCID: PMC2396880]
- Lewis, D.** & Eiten, L. (2007). Hearing instrument selection and fitting in children. In M. Valente, H. Hosford-Dunn, R. J. Roeser (Eds.), *Audiology Treatment* (2nd Edition) (pp. 94-118). New York: Theime.
- Eiten, L. & **Lewis, D.** (2008). FM verification for the 21st century. *Perspectives on Hearing and Hearing Disorders in Childhood, 18*(1), 4-9.
- Choi, S., Lotto, A., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. (2008). Attentional modulation of word recognition by children in a dual-task paradigm *Journal of Speech, Language, and Hearing Research, 51*(4), 1042-1054. [PMCID: PMC2585316]
- Stelmachowicz, P., Nishi, K., Choi, S., **Lewis, D.**, Hoover, B., Dierking, D., & Lotto, A. (2008). Effects of stimulus bandwidth on the imitation of English fricatives by normal-hearing children. *Journal of Speech, Language, and Hearing Research, 51*(5), 1369-1380. [PMCID: PMC2630769]
- Lewis, D.** (2008). Trends in classroom amplification. *Contemporary Issues in Communication Sciences and Disorders, 35*(Fall), 122-132.
- Lewis, D.** (2008). Developmental perspectives in hearing assistance technology. In R.C. Seewald and J.M. Bamford (Eds.), *A sound foundation through early amplification 2007: Proceedings of the fourth international conference* (pp. 253-260). Stäfa, Switzerland: Phonak Communications AG.
- Stelmachowicz, P., Hoover, B., & **Lewis, D.** (2008). Progress means new challenges: Current issues in pediatric amplification. In R.C. Seewald and J.M. Bamford (Eds.), *A sound foundation through early amplification 2007: Proceedings of the fourth international conference* (pp. 161-172). Stäfa, Switzerland: Phonak Communications AG.
- Sanford, C., Keefe, D., Liu, Y.-W., Fitzpatrick, D., McCreery, R., **Lewis, D.**, & Gorga, M. (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. [PMCID: PMC3519360]

- McCreery, R., Ito, R., Spratford, M., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. (2010). Performance-intensity functions for normal-hearing adults and children using CASPA. *Ear & Hearing, 31*(1), 95-101. [PMCID: PMC2800171]
- Johnson, C.D., & **Lewis, D.** (2010). Issues and strategies for implementing the AAA HAT Guidelines. *Educational Audiology Review, 27*(2), 16-17.
- Stelmachowicz, P., **Lewis, D.**, Hoover, B., Nishi, K., McCreery, R., & Woods, W. (2010). Effects of digital noise reduction on speech perception for children. *Ear & Hearing, 31*(3), 345-355.
- Nishi, K., **Lewis, D.**, Hoover, B., Choi, S., & Stelmachowicz, P. (2010). Children's recognition of American English consonants in noise. *Journal of the Acoustical Society of America, 127*(5), 3177-3188. [PMCID: PMC2882671]
- Lewis, D.** (2010). Validating FM performance: Choices and challenges. In C. Johnson, D. Lewis, H. Mulder, & L. Thibodeau (Eds.), *Achieving Clear Communication Employing Sound Solutions-2008: Proceedings of the First International Virtual Conference on FM* (pp. 67-75). Stäfa, Switzerland: Phonak Communications AG.
- Eiten, L. & **Lewis, D.** (2010). Verifying FM system performance: It's the right thing to do. *Seminars in Hearing, 31*(3), 233-240.
- Lewis, D.** (2010). Individual FM systems for children: Where are we now? *Perspectives on Hearing and Hearing Disorders in Childhood, 20*, 56-62.
- Lewis, D.**, Hoover, B., Choi, S., & Stelmachowicz, P. (2010). The relation between speech perception in noise and phonological awareness skills for children with normal hearing. *Ear & Hearing, 31*(6), 761-768. [PMCID: PMC3358133]
- Lewis, D.**, & Eiten, L. (2010). FM systems and communication access for children. In R. Seewald & A.M. Tharpe (Eds.). *Comprehensive Handbook of Pediatric Audiology* (pp. 553-564). Plural Publishing.
- Valente, D.L., Plevinsky, H., Franco, J., Heinrichs, E., & **Lewis, D.** (2012). Experimental investigation of the effects of the acoustical conditions in a simulated classroom on speech recognition and learning in children. *Journal of the Acoustical Society of America, 131*(1), 232-246. [PMCID: PMC3283898]
- Wroblewski, M., **Lewis, D.**, Valente, D., & Stelmachowicz, P. (2012). Effects of reverberation on speech recognition in stationary and modulated noise by school-aged children and young adults. *Ear & Hearing, 33*(6), 731-744. [PMCID: PMC3474865]
- Lewis, D.**, Manninen, C., & Valente, D.L., Smith, N. (2014). Children's understanding of instructions presented in noise and reverberation. *American Journal of Audiology, 23*(3), 236-336. [PMCID: PMC4154970]
- Lewis, D.**, Spalding, J., & Valente, D.L. (2014). The complexities of listening and understanding in children with minimal/mild hearing loss. In J. Northern (Ed.), *A Sound Foundation Through Early Amplification 2013: Proceedings of the Sixth International Conference*. (pp. 59-69). Stäfa, Switzerland: Phonak AG.

Brennan, M.A., McCreery, R., Kopun, J., Hoover, B., Alexander, J. **Lewis, D.**, & Stelmachowicz, P. (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, 983-998. [PMCID: PMC4269381]

Lewis, D. (Sept., 2014). Children with minimal/mild hearing loss: Do we have a consensus and is that important? *ASHA SIG 9 Perspectives*, 54-63. Downloaded From: <http://sig9perspectives.pubs.asha.org/>, December 23, 2014.

Lewis, D. & Wannagot, S. (2014). Effects of looking behavior on listening and understanding in a simulated classroom. *Journal of Educational Audiology*, 20, 24-33. [PMID: Forthcoming; NIHMSID: NIHMS696933]

Lewis, D., Valente, D.L., & Spalding, J. (2015). Effect of minimal/mild hearing loss on children's speech understanding in a simulated classroom. *Ear & Hearing*, 36, 136-144. [PMCID: PMC4272681]

Kimlinger, C. McCreery, R., & **Lewis, D.** (2015). High frequency audibility: The effects of audiometric configuration, stimulus type and device. *Journal of the American Academy of Audiology*, 26, 128-137. [PMCID: PMC4397964, Available on 2016/2/1]

Wolfe, J., **Lewis, D.**, Eiten, L. (2016). Remote microphone systems and communication access for children. In A.M. Tharpe & R. Seewald (Eds.). *Comprehensive Handbook of Pediatric Audiology, Second Edition* (pp. 677-711). San Diego: Plural Publishing.

Brennan, M., McCreery, R., Kopun, J., **Lewis, D.**, Alexander, J., & Stelmachowicz, P. (2016). Masking release in children with hearing loss when using amplification. *Journal of Speech Language Hearing Research*, 59, 110-121.

MANUSCRIPTS ACCEPTED/IN PRESS

Lewis, D., Schmid, K., O'Leary, S., Heinrichs-Graham, E., Spalding, J. & High, R. (2016, accepted for publication). Effects of noise on speech recognition and listening effort in children with normal-hearing and children with mild bilateral or unilateral hearing loss. *Journal of Speech Language Hearing Research*.

MANUSCRIPTS SUBMITTED/UNDER REVIEW

Lewis, D., Smith, N., Spalding, J. & Valente, D.L. (in revision). Looking Behavior and Audiovisual Speech Understanding in Children with Normal Hearing and Children with Mild Bilateral or Unilateral Hearing Loss. *Ear & Hearing*.

Lewis, D., Kopun, J., McCreery, R., Brennan, M., Nishi, K., Cordrey, E., Stelmachowicz, P., & Moeller, M.P. (submitted). Effect of context and hearing loss on time-gated word recognition in children. *Ear & Hearing*.

MANUSCRIPTS IN PREPARATION

PRESENTED PAPERS/POSTERS---GENERAL

Johnson, D. & Diefendorf, A. Acoustic-reflex testing with neonates. American Speech-Language-Hearing Association convention, Toronto, Canada, November, 1982.

- Stelmachowicz, P., Larson, L., **Johnson, D.** & Brookhouser, P. Psychophysical tuning curves and speech perception during glycerol-induced cochlear changes. American Speech-Language-Hearing Association convention, San Francisco, California, November, 1984.
- Borkowski, W., Philips, B.J. & **Johnson, D.** Effects of seizures on speech, language, and hearing: Case presentations. American Speech-Language-Hearing Association convention, Washington, DC, November, 1985.
- Lewis, D.**, Feigin, J., & Kalberer, A. Evaluation and assessment of FM systems. Nebraska Speech-Language-Hearing Association convention, Kearney, Nebraska, October, 1989.
- Auslander, M., **Lewis, D.**, & Stelmachowicz, P. Localization ability in infants with simulated hearing loss. American Speech-Language-Hearing Association convention, St. Louis, Missouri, November, 1989.
- Lewis, D.**, Feigin, J., & Kalberer, A. Evaluation and assessment of FM systems. American Speech-Language-Hearing Association convention, St. Louis, Missouri, November, 1989.
- Stelmachowicz, P., **Lewis, D.**, Kelly, W., & Jesteadt, W. Speech perception in low-pass filtered noise for normal and hearing-impaired listeners. American Speech-Language-Hearing Association convention, St. Louis, Missouri, November, 1989.
- Lewis, D.** & Stelmachowicz, P. Real ear to 6-cm³ coupler differences in young children. American Speech-Language-Hearing Association Convention, Atlanta, Georgia, November, 1991.
- Lewis, D.** Implications for amplification and education with sudden, fluctuating and progressive sensorineural hearing loss in children. 20th Annual Meeting of the American Auditory Society, San Antonio, Texas, November, 1992.
- Lewis, D.** & Karasek, A. Real-ear and 2-cm³ coupler assessment of FM systems. 1-hour instructional course presented at AAA convention, Richmond, Virginia, April, 1994.
- Lewis, D.** Multi-disciplinary management of a set of triplets with hearing loss. Presented as part of mini-seminar "Special topics in pediatric amplification and management", ASHA convention, New Orleans, November, 1994.
- Lewis, D.** & Kalberer, A. Real-ear and 2-cm³ coupler assessment of FM systems. 2-hour instructional course presented at AAA convention, Dallas, Texas, April, 1995.
- Stelmachowicz, P., Kopun, J., Mace, A., & **Lewis, D.** Measures of hearing aid gain for real speech. Poster presented at the First Biennial Conference of Hearing Aid Research and Development, September, 1995.
- Brandemuehl, R., & **Lewis, D.** Issues in pediatric amplification: Let's get practical. Miniseminar presented at ASHA convention, Seattle, WA, November, 1996.
- Eiten, L., & **Lewis, D.** Real-ear and 2-cm³ coupler assessment of FM systems. 2-hour instructional course presented at AAA convention, Fort Lauderdale, FL, April, 1997.

- Stelmachowicz, P., Dalzell, S., Peterson, D., Kopun, J., & **Lewis, D.** A comparison of threshold-based fitting strategies for nonlinear hearing aids. Poster presented at AAA convention, Fort Lauderdale, FL, April, 1997.
- Eiten, L., & **Lewis, D.** Real-ear and 2-cm³ coupler assessment of FM systems. 2-hour instructional course presented at AAA convention, Miami, FL, April, 1999.
- Pittman, A., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. Assessment of four configurations of FM and environmental microphone signals. Presented at the American Auditory Society meeting, Scottsdale, AZ, March, 2000.
- Stelmachowicz, P., Pittman, A., **Lewis, D.** & Hoover, B. The effect of stimulus bandwidth on fricative perception in normal-hearing and hearing-impaired children and adults. 2000 International Hearing Aid Research Conference, Lake Tahoe, CA, August, 2000.
- Pittman, A., Stelmachowicz, P., **Lewis, D.** & Hoover, B. Perceptual Weighting Strategies of normal-hearing and hearing-impaired children and adults. Presentation at the American Auditory Society Meeting, Scottsdale, AZ, March, 2001.
- Stelmachowicz, P., Pittman, A., Hoover, B., & **Lewis, D.** Morpheme perception in normal and hearing-impaired children. American Auditory Society meeting, Scottsdale, AZ, March 2001.
- Lewis, D.**, & Eiten, L. Advanced FM and hearing instrument technology in educational settings. Educational Audiology Association Summer Conference, Portland, OR, July, 2001.
- Lewis, D.**, & Eiten, L. Assessment of advanced hearing-instrument and FM technology. Poster Presentation. A Sound Foundation Through Early Amplification International Conference, Chicago, IL, November, 2001.
- Lewis, D.**, & Eiten, L. Trial with advanced hearing instruments and FM systems. Poster Presentation. A Sound Foundation Through Early Amplification International Conference, Chicago, IL, November, 2001.
- Pittman, A., Stelmachowicz, P., **Lewis, D.** & Hoover, B. Some Perceptual Weighting Strategies in Normal-Hearing and Hearing-Impaired Children and Adults. Poster Presentation at the Second International Pediatric Conference, Chicago, IL, November, 2001.
- Stelmachowicz, P., Pittman, A., **Lewis, D.** & Hoover, B. Spectral characteristics of children's speech: Implications for self-monitoring through amplification. American Auditory Society Meeting, Tuscon, AZ, April 2002.
- Lewis, D.** Pittman, A., Hoover, B., & Stelmachowicz, P. "Interaction between amplification and the spectral characteristics of self-generated speech in children". Poster Presentation. International Hearing Aid Conference, Lake Tahoe, CA, August, 2002.
- Lewis, D.** & Eiten, L. "Proposed protocol for setting FM-advantage levels with MLx-S FM receivers". Poster Presentation. A Sound Foundation Through Early Amplification Conference, Chicago, IL, November 2004.
- Lewis, D.** & Carrell, T. "The Development of Amplitude Modulation as an Auditory Grouping Cue". Poster Presentation. American Auditory Society Meeting, Phoenix, AZ, March 2005.

- Choi, S., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. (2006). "The effect of concurrent serial digit recall on speech processing in children," *JASA*, 119(5), pp. 3420-3421, 151st Meeting of the Acoustical Society of America, Providence, RI, June, 2006.
- Carrell, T. & **Lewis, D.** (2006). "The role of familiarity, semantic context, and amplitude-modulation on sentence intelligibility. *JASA*, 120(5, pt. 2), pp. 3249-3250, 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI, December, 2006.
- Stelmachowicz, P., Choi, S., Hoover, B., & **Lewis, D.** (2007). "Effect of stimulus bandwidth on auditory skills". American Auditory Society Meeting, Phoenix, AZ, March 2007.
- Johnson, C.D., Anderson, V., Boothroyd, A., Eiten, L., Gabbard, S.A., **Lewis, D.**, & Thibodeau, L. (2007). "AAA Draft Hearing Assistance Technology (HAT) Guidelines". Audiology NOW Convention, Denver, CO, April 2007.
- Nishi, K., **Lewis, D.**, Hoover, B., Choi, S., & Stelmachowicz, P. (2007). Children's perception of American English consonants in noise. *JASA*, 122(5, Pt. 2), p. 3032, 154th Meeting of the Acoustical Society of America, New Orleans, LA, November, 2007.
- Johnson, C.D., Anderson, V., Boothroyd, A., Eiten, L., Gabbard, S.A., **Lewis, D.**, & Thibodeau, L. "AAA Committee on Hearing Assistance Technology (AAA HAT) DRAFT Remote Microphone Hearing Assistance Technologies for Children and Youth Birth – 21 Years". Poster presented at the 4th International A Sound Foundation Through Early Amplification Conference, Chicago, IL, December, 2007.
- Johnson, C.D., Anderson, V., Boothroyd, A., Eiten, L., Gabbard, S.A., **Lewis, D.**, & Thibodeau, L. "AAA Task Force on Guidelines for Remote Microphone Hearing Assistance Technology (AAA HAT): Fitting and Verification of Ear-Level FM for Children and Youth with Hearing Loss Who are Potential Hearing-Aid Users". Poster presented at the 4th International A Sound Foundation Through Early Amplification Conference, Chicago, IL, December, 2007.
- Johnson, C.D., Anderson, V., Boothroyd, A., Eiten, L., Gabbard, S.A., **Lewis, D.**, & Thibodeau, L. "AAA Remote Microphone Hearing Assistance Technology (HAT) DRAFT Recommendations for Group 2: Children and Youth with Cochlear Implants and Integrated Wireless Technology". Poster presented at the 4th International A Sound Foundation Through Early Amplification Conference, Chicago, IL, December, 2007.
- Johnson, C.D., Anderson, V., Boothroyd, A., Eiten, L., Gabbard, S.A., **Lewis, D.**, & Thibodeau, L. "AAA Task Force (AAA HAT) on Guidelines for Remote Microphone Hearing Assistance Technology: Fitting and Verification of Ear-Level FM-only Systems for Children and Youth with Normal Hearing Sensitivity Who Have Special Listening Requirements". Poster presented at the 4th International A Sound Foundation Through Early Amplification Conference, Chicago, IL, December, 2007.
- Sanford, C., Fitzpatrick, D., Keefe, D., **Lewis, D.**, Liu, Y.-W., McCreery, R., & Gorga, M. Wideband energy reflectance predicts transient middle-ear dysfunction in neonates. American Auditory Society meeting. Scottsdale, AZ., March, 2008.

- Spratford, M., Ito, R., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. "Multi-Talker Speech Perception for Children With and Without Hearing Loss". Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March, 2008.
- Ito, R., McCreery, R., Spratford, M., **Lewis, D.**, Hoover, B., & Stelmachowicz, P. "Performance-Intensity Functions for Normal-Hearing Children and Adults Using CASPA". Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March, 2008.
- Alexander, J., **Lewis, D.**, Kopun, J., McCreery, R., & Stelmachowicz, P. "Effects of frequency lowering in wearable devices on fricative and affricate perception". Presented at the International Hearing Aid Conference, Lake Tahoe, CA, August, 2008.
- Lewis, D.**, Valente, D.L., Franco, J., & Heinrichs, E. "Listening and understanding in a virtual classroom environment". Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2010.
- Shupe, S., Heinrichs, E., **Lewis, D.**, & McCreery, R. "Effects of noise on listening effort in normal-hearing children". Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2010.
- Valente, D.L., **Lewis, D.**, Franco, J., & Heinrichs, E. (2010), Comparing head rotation angle visual localization and recall-proficiency of school-aged children (8-12) while listening to a story by multiple discreet talkers in a virtual classroom, Presented at the 159th Convention of the Acoustical Society of America, Baltimore, MD, April 2010.
- Plevinsky, H., **Lewis, D.**, & Valente, D.L. (2011). Effects of acoustical environments on listening and learning in a virtual classroom. Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2011.
- Lewis, D.**, Spalding, J., Valente, D.L., Heinrichs, E., & Franco, J. (2011). Effect of hearing loss on children's listening effort in noise. Presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2011.
- Lewis, D.**, Valente, D.L., Heinrichs, E., Spalding, J., & Franco, J. (2011). Effect of hearing loss on children's performance in a simulated classroom. Presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2011.
- Spratford, M., McCreery, R., & **Lewis, D.** "Audibility: From Concept to Classroom". BTNRH Smart Lunch series, Omaha, NE, April, 2011.
- Valente, D.L., **Lewis, D.**, Heinrichs, E., Spalding, J., & Franco, J. "Effects of excessive noise and reverberation on listening and learning in a simulated classroom". Presented at the 161st Convention of the Acoustical Society of America, Seattle, WA, May 2011.
- Lewis, D.**, Valente, D.L., Spalding, J., & Smith, N. Effect of hearing loss on children's comprehension in complex environments. Presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2012.
- Manninen, C., Valente, D.L., & **Lewis, D.** Children's speech understanding in a simulated collaborative learning task. Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2012.

- Spalding, J. & **Lewis, D.** Effects of Minimal/Mild Hearing Loss: Children's, Parents', Teachers' Perceptions. Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2012.
- Wroblewski, M., **Lewis, D.**, Valente, D.L., & Stelmachowicz, P. Listening in the dips in reverberant environments by normal-hearing children. Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2012.
- Spalding, J. & **Lewis, D.** Effects of Minimal/Mild Hearing Loss: Children's, Parents', Teachers' Perceptions. Poster presented at the Nebraska Speech Language Hearing Association Meeting, Kearney, NE, October 2012.
- Blom, C., **Lewis, D.**, & McCreery, R. Audible Hearing-Aid Bandwidth Measured with a Speech Stimulus. Poster presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2013.
- Brennan, M., McCreery, R., **Lewis, D.**, Creutz, T. J., and Stelmachowicz, P. G. The situational hearing aid response profile: An update. Poster presented at the 2013 American Auditory Society Scientific Meeting, Scottsdale, AZ, March 2013.
- Brennan, M., McCreery, R., **Lewis, D.**, Kopun, J., Stelmachowicz, P. Incorporating measures of nonlinear frequency compression into the Situational Hearing Aid Response Profile (SHARP). Poster presented at the 6th Phonak Sound Foundations Conference, Chicago, IL, December 2013.
- Wannagot, S. & **Lewis, D.** Effects of looking behavior on understanding in a simulated classroom. Poster presented at the 2014 American Auditory Society Scientific Meeting, Scottsdale, AZ, March 2014.
- Brennan, M., McCreery, R., **Lewis, D.**, Kopun, J., & Stelmachowicz, P. Masking release for children with hearing loss using amplification. Poster presented at the 2014 American Auditory Society Scientific Meeting, Scottsdale, AZ, March 2014.
- McCreery, R., Brennan, M., Jong, H.W., **Lewis, D.** & Kopun, J. Audibility and spectral resolution as predictors of speech recognition with nonlinear frequency compression. Poster presented and the 2014 International Hearing Aid Conference, Lake Tahoe, CA, August 2014.
- Bostic, K., **Lewis, D.** & Stewart, A. Effects of noise and reverberation on speech perception in a simulated classroom. Poster presented at the 2015 American Auditory Society Scientific Meeting, Scottsdale, AZ, March 2015.
- Brennan, M., McCreery, R., Kopun, J., & **Lewis, D.** Speech recognition and listening effort with frequency compression amplification for children and adults. Poster presentation at the American Speech Language Hearing Association Convention, Denver, CO, November 2015.
- Lewis, D.**, McDermott, T., Stewart, A., Vallier, T., Blevins, M., & Dergan, A. Impact of room acoustics an visual cues on children's ability to localize talkers. Poster to be presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2016.
- Lewis, D.**, Stewart, A., McDermott, T., Vallier, T., Blevins, M., & Dergan, A. Impact of visual information on children's speech recognition in noise and reverberation. Poster to be presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2016.

Lewis, D., Dergan, A., McDermott, T., & Vallier, T. Impact of room acoustics and visual cues on children's ability to localize talkers. Poster to be presented at the American Auditory Society Meeting, Scottsdale, AZ, March 2016.

He, N., Schmaus, J., García, P., Stewart, A., **Lewis, D.**, McDermott, T., & Nishi, K. Sentence materials to examine context use in school-age children. To be presented at the American Auditory Society Scientific and Technology Meeting, Scottsdale, AZ, March 2016.

PRESENTATIONS---INVITED

Lewis, D., "Speech discrimination in the hearing-impaired child," Boys Town National Institute Parent-Infant Workshop, Omaha, Nebraska, quarterly January 1983 to November 1983; biannually January 1984 to 1987

Lewis, D., "Speech discrimination testing," University of Nebraska otolaryngology residents, Omaha, Nebraska September 1983 and September 1984

Lewis, D., "FM auditory trainer systems," guest lecture for Nebraska School for the Deaf primary teachers, Omaha, Nebraska, October 1983

Lewis, D., "Amplification in the classroom," workshop sponsored by Boys Town National Institute Audiology Department, Omaha, Nebraska, September 1985 and 1986

Brookhouser, P., Worthington, D., & **Lewis, D.**, "What parents should expect from physicians and other professionals who are caring for deaf children. Current medical advances including the latest update on cochlear implants," American Society of Deaf Children convention, Omaha, Nebraska, July 1986

Lewis, D., "Amplification - group and individual hearing aids," Iowa School for the Deaf Parent-Infant workshop, Council Bluffs, Iowa, annually, August, 1986-1989

Lewis, D., "FM systems in the educational setting," state conference on Innovative Practices in Special Education, Cedar Rapids, Iowa, March 1989

Lewis, D., "Evaluation of FM systems and assistive devices," 1-day inservice, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania, May 1991

Lewis, D., "FM systems and assistive devices: Selection and evaluation," Conference on Pediatric Amplification, Boys Town National Research Hospital, Omaha, Nebraska, September 1991

Lewis, D., "Issues in pediatric amplification," Kansas Speech-Language-Hearing Association convention, Manhattan, Kansas, October 1991

Lewis, D., "Assistive devices for classroom listening: FM systems," Assistive Devices for the Hearing Impaired: Tutorials, Applications, Research, Iowa City, Iowa, June 1992

Lewis, D., "Amplification devices," Summer Program for Gifted Deaf Youth, Boys Town National Research Hospital, July, 1992

Lewis, D., "Classroom amplification," keynote speaker, South Carolina Speech-Language-Hearing Association convention, Hilton Head, South Carolina, February, 1993

- Lewis, D.**, "Assistive devices for individuals with hearing loss", Boys Town National Research Hospital parent-child workshop, March, 1993
- Lewis, D.**, "Programmable hearing aids: Issues to consider when fitting children", AAA convention, Phoenix, Arizona, April, 1993
- Lewis, D.**, "Implications for amplification and education with sudden, fluctuating and progressive sensorineural hearing loss in children", AAA convention, Phoenix, Arizona, April, 1993
- Lewis, D.**, & Auslander, M., "Evaluation of FM systems", practicum workshop, Developments in Pediatric Audiology: Assessment and Amplification conference, Omaha, Nebraska, September, 1993
- Lewis, D.**, "Selection and evaluation of FM systems", 1-day workshop, Central Minnesota Educational Service Unit, St. Cloud, Minnesota, March, 1994
- Compton, C., **Lewis, D.**, Palmer, C., & Thelan, M., "Assistive technology: Too legit to quit", AAA convention, Richmond, Virginia, May, 1994
- Lewis, D.**, & Mace, A., "Mild, minimal, and unilateral hearing losses: Amplification candidacy and decisions", Northwest Iowa AEA audiology workshop, Storm Lake, Iowa, September, 1994
- Lewis, D.**, "Issues in pediatric amplification" and "Selection and evaluation of FM systems", Missouri Speech-Language Hearing Association meeting, Kansas City, Missouri, March, 1995
- Lewis, D.**, "Fitting the pediatric patient with hearing aids", Arizona Speech-Language Hearing Association meeting, Phoenix, Arizona, April, 1995
- Lewis, D.**, "FM systems: New technology and fitting considerations", Academy of Rehabilitative Audiology Summer Institute, Howey-in-the-Hills, Florida, June, 1995
- Lewis, D.**, & Kalberer, A., "Evaluation and assessment of FM systems", American Speech-Language-Hearing convention, Orlando, Florida, December, 1995
- Lewis, D.**, "Selection and evaluation of FM systems", Illinois Speech-Language-Hearing Association meeting, Chicago, Illinois, February, 1996
- Lewis, D.**, "Assistive technology for children with hearing loss: Here, there, and everywhere", presented as part of ASHA Teleseminar, "Assistive listening devices: Building your audiology consulting practice in communication accessibility", July, 1996
- Sinclair, S., & **Lewis, D.**, "The Desired Sensation Level (DSL) method for hearing aid selection and fitting" and "Selection and evaluation of FM systems", 2-day workshop, Metro Area Consortium, Atlanta, Georgia, August, 1996.
- Lewis, D.**, "Classroom amplification", demonstration lab, presented at the Fourth International Conference on Childhood Deafness, Kiawah Island, South Carolina, October, 1996
- Lewis, D.**, "Selection and evaluation of FM systems." 1-day workshop, Minnesota Speech-Language Hearing Association, Minneapolis, MN, October, 1996

- Lewis, D.**, "Assistive technology for children with hearing loss", CLASS presentation, Boys Town National Research Hospital, Omaha, NE, October, 1996
- Lewis, D.**, "Meeting the amplification needs of children with developmental disabilities", University of Nebraska Medical Center, Omaha, NE, March, 1997; January, 1998
- Lewis, D.**, "Amplification for infants and children with hearing loss", Speech and Hearing Association of Virginia meeting, Reston, VA, March, 1997
- Lewis, D.**, "Issues in pediatric amplification", 1-day program, Morton Plant Mease Winter Conference on the Beach, St. Petersburg, FL, March, 1997
- Lucks Mendel, L., & **Lewis, D.**, "Technology for the educational audiologist: Waves of the future", EAA sponsored session at AAA convention, April, 1997
- Lewis, D.**, & Eiten, L., "Real ear and 2-cm³ coupler assessment of FM systems", AAA convention, Fort Lauderdale, Florida, April, 1997
- Cole, B., & **Lewis, D.**, "Desired sensation level method for assistive listening device selection and fitting", 2 4-hour sessions, EAA summer conference, Estes Park, Colorado, June, 1997
- Lewis, D.**, "New technology in classroom amplification", Developments in pediatric audiology: Current issues in assessment and management, Omaha, Nebraska, October, 1997
- Lewis, D.**, "Issues in pediatric amplification", 1-day pre-convention workshop, ISHA convention, Des Moines, Iowa, October, 1997
- Lewis, D.**, "Beyond hearing aids: Assistive technology for children with hearing loss", ISHA convention, Des Moines, Iowa, October, 1997
- Seewald, R., & **Lewis, D.**, "But where's the aided audiogram? Amplification for children in the 1990's", ASHA convention, Boston, Massachusetts, November, 1997
- Lewis, D.**, "Assistive technology for individuals with hearing loss: What the speech-language pathologist should know." ASHA convention, Boston, Massachusetts, November, 1997
- Lewis, D.**, "Selecting and pre-setting amplification for children: Where do we begin?", Remediating pediatric hearing loss through amplification: Taking science into the clinic, San Antonio, Texas, February, 1998
- Cole, B., & **Lewis, D.**, "Selection and evaluation of FM systems: From theory to practice", 1-day workshop, Orlando, Florida, March, 1998
- Eiten, L., & **Lewis, D.**, "FM evaluation and fitting", Pediatric Amplification workshop, BTNRH, Omaha, Nebraska, May/October, 1998, May/October, 1999; October, 2001
- Lewis, D.**, "Selection and evaluation of FM systems", 1-day workshop for Audiology Dept., Gallaudet University, Washington, DC, June, 1998
- Lewis, D.**, "Assistive technology for individuals with hearing loss", 2-day workshop for Department of Audiology, University of Iowa, Iowa City, Iowa, September 1998

- Lewis, D.**, "One size does not fit all: Rationale and procedures for FM system fitting", A Sound Foundation Through Early Amplification, Chicago, Illinois, October 1998
- Lewis, D.**, "Selection and evaluation of FM amplification systems", 1-day workshop for educational audiologists, Ceritos, California, October, 1998
- Lewis, D.**, "Assistive technology for individuals with hearing loss", graduate student instruction, Department of Audiology, Vanderbilt University, Nashville, Tennessee, November, 1998
- Lewis, D.**, "Assistive technology for persons with hearing loss", MSHA convention, Bloomington, Minnesota, April 1999
- Lewis, D.**, & Veazey, D., "FM systems, hearing aids and cochlear implants", Educational applications for teaching deaf and hard of hearing students, Omaha and Lincoln, Nebraska, June, 1999
- Lewis, D.**, "Amplification issues for fitting adults", Boys Town National Research Hospital, Omaha, Nebraska, July, 1999
- Lewis, D.**, "FM amplification systems: Fitting considerations", Grantwood AEA, Cedar Falls, IA, November, 1999
- Lewis, D.**, "Verification and validation of amplification for children", Pediatric Audiology Workshop, Tuscon, AZ, February, 2000
- Lewis, D.** & Eiten, L. "Using FM systems in conjunction with contemporary personal amplification and cochlear implants", featured session, AAA Convention, Chicago, IL, March, 2000
- Lewis, D.** & Smith, D. "Assistive technology for classroom listening", Beyond 2000: A Technology Odyssey, Lincoln, NE, May, 2000
- Lewis, D.** "High tech amplification: Implications for educational audiologists", 4th Annual Audiology Seminar for Maryland Educational Audiologists, March, 2001
- Lewis, D.** "High technology amplification: Implications for educational audiologists". 1-day workshop for educational audiologists in New York City area, March, 2002
- Lewis, D.** and Madell, J. "Approaches to fitting FM and hearing-aid technology" 1-day workshop for clinical audiologists, Beth Israel Hospital, New York City, March, 2002
- Lewis, D.** "Research/Literature Review". Presented at "Meeting the Challenge: Implementing and Managing 'Digital FM Amplification' in Educational Programs", an FM Workshop for Educational Audiologists, Lisle, IL, May 2002
- Lewis, D.** "Assistive technology for children with hearing loss". Presented at "Beyond Hearing Aid Assessment in Children: Enhancing Auditory Skills Through Technology and Therapy", a conference at Cincinnati Children's Hospital, Cincinnati, OH, October 2002
- Lewis, D.** "Audiological Management in the Classroom". Presented at RIHAP 9th Annual Seminar, "Creating Positive Environments for children with hearing loss, for their families, for their friends", Providence, RI, March 2003

- Lewis, D.** “Nuts and Bolts of FM Systems”. Workshop presented at RIHAP 9th Annual Seminar, “Creating Positive Environments for children with hearing loss, for their families, for their friends”, Providence, RI, March 2003
- Lewis, D. & Eiten, L.** “Assessments of Advanced Hearing Aid Technology and FM Technology”. Presented at “ACCESS Conference”, Chicago, IL, November 2003
- Eiten, L. & Lewis, D.** “FM Fitting and Fitting Verification”, Presented as a workshop at “ACCESS Conference”, Chicago, IL, November 2003
- Lewis, D.** “FM Fitting and Verification for Young Children with High-Tech Hearing Aids or Cochlear Implants. Pre-conference workshop presented at the 4th Annual Symposium on Early Childhood Hearing Loss, St. Augustine, FL, September 2004
- Eiten, L. & Lewis, D.** “FM Fitting and Verification”. Presented as part of a 1-day workshop for Educational Audiologists in Los Angeles, CA, October 2004
- Eiten, L. & Lewis, D.** “FM Fitting and Verification”. Presented as part of a 1-day workshop for Educational Audiologists in San Diego, CA, October 2004
- Lewis, D. & Eiten, L.** “FM Fitting and Verification”. Presented at the “FM Day for Educational Audiologists” Pre-conference workshop presented at the Sound Foundation Through Early Amplification Conference, Chicago, IL, November 2004
- Lewis, D.** “FM Fitting and Verification”. Presented at the Illinois Academy of Audiology Convention, Chicago, IL, January 2005
- Lewis, D.** “Amplification Issues for Children”. Presented at Controversial Issues in Pediatric Audiology, New York, NY, February, 2005
- Lewis, D.** “Selection and Fitting of FM Systems”. Presented at British Columbia Association of Speech/Language Pathologists and Audiologists Conference, Vancouver, BC, October, 2005
- Lewis, D.** “FM Fitting and Verification: The Background Story”. Presented as part of a 1-day workshop for Educational Audiologists, Denver, CO, January, 2006
- Lewis, D.** “Hearing Loss in Childhood I: Pediatric Amplification Issues”. Half-day presentation at WSHA-P Fall Update, Wisconsin Dells, WI, September, 2006
- Lewis, D.** “Hearing Loss in Childhood II: Minimal, Mild and Unilateral Hearing Loss”. Presented at WSHA-P Fall Update, Wisconsin Dells, WI, September, 2006
- Lewis, D.** “AAA Hearing Assistance Technology Guidelines: Preliminary Information”. Presented at Best Practices: A Toolkit for Educational Audiologists, a conference sponsored by Phonak, Warrenville, IL, October, 2006
- Lewis, D.** “Beyond Hearing Aids I: Hearing Assistance for Children”. Half-day presentation at OSSPEAC Fall Conference, Akron, OH, November, 2006
- Lewis, D.** “Beyond Hearing Aids I: FM Fitting and Verification”. Half-day presentation at OSSPEAC Fall Conference, Akron, OH, November, 2006

- Lewis, D.** "FM System Fitting and Verification". Online presentation, Audiology Online, November, 2006
- Lewis, D.** "Developmental Perspectives in Hearing Assistance Technology". Presented at the 4th International A Sound Foundation Through Early Amplification Conference, Chicago, IL, December, 2007
- Lewis, D.** "Current Issues in Pediatric Amplification". Online presentation, Audiology Online, December, 2007
- Lewis, D.** "Validating FM Performance: Choices and Challenges". Online presentation, First Phonak Virtual FM Conference: ACCESS 2, February, 2008
- Eiten, L. & **Lewis, D.** "FM Verification for the 21st Century: A Practical Guide". Learning Lab presented at Audiology Now! Charlotte, NC, April, 2008
- Lewis, D.** "Hearing Loss in Childhood I: Pediatric Amplification Issues" and "Hearing Loss in Childhood II: Minimal, Mild, and Unilateral Hearing Loss". 1-day presentation at Louisiana Speech Language Hearing Association meeting, Shreveport, LA, June, 2008
- Lewis, D.** "Minimal, Mild and Unilateral Hearing Loss in Childhood". Presented at Nebraska Speech Language Hearing Association meeting, Kearney, NE, October, 2008
- Lewis, D.** "Fitting and Verification of FM Systems: Recommendations from the New AAA Guidelines". Presented at Illinois Academy of Audiology Convention, Chicago, IL, January, 2009
- Lewis, D.** "Pediatric Amplification I: Current Issues" and "Pediatric Amplification II: Review of the 2008 Remote Microphone Hearing Assistance Technologies for Children and Youth Birth-21 Years". Day Institute presented at Missouri Speech Language Hearing Association meeting, Tan-Tar-A Resort, MO, March, 2009
- Lewis, D.** "Assistive Technologies and Communication Access for School-Age Children". 1/2 – day presentation at the Canadian Association of Speech-Language Pathologists and Audiologists Annual Conference, London, Ontario, Canada, April, 2009
- Lewis, D.** "Hearing Assistance Technologies and Communication Access for Children" and "Review of the 2008 Clinical Practice Guidelines, 'Remote Microphone Hearing Assistance Technologies for Children and Youth Birth-21 Years'". Day-long presentation at the Manitoba Speech and Hearing Association Meeting, Winnipeg, Manitoba, Canada, May, 2009
- Lewis, D.** "Review of the AAA 2008 Clinical Practice Guidelines, 'Remote Microphone Hearing Assistance Technologies for Children and Youth Birth-21 Years'". Presented at the Educational Audiology Association Summer Conference, New Orleans, LA, July, 2009
- Lewis, D.** "Communication Access for Children with Hearing Loss" and "The Effects of Minimal Hearing Loss on Functional Auditory Skills in Children". Presented at the Phonak FM Marketing and Sales Meeting, Kandersteg, Switzerland, September, 2009

- Lewis, D.** "Selection, Verification, and Validation of FM". The Judy Gravel Lecture presented at Children's Hospital of Philadelphia, Pediatric Audiology: FM and Assistive Technology course, Philadelphia, PA, March, 2010
- Lewis, D.** "Current Issues in Pediatric Amplification and Hearing Assistance Technology". Day-long presentation at the 23rd Auditory Management Services Seminar, Mississauga, Ontario, Canada, April, 2010
- Lewis, D.** "Functional Auditory Skills in Children with Minimal Hearing Loss". Online presentation at the 4th Virtual Audiology Conference of Phonak, June, 2010
- Lewis, D.** and Valente, D.L. "Beyond the sound booth: Using virtual technology to examine classroom performance for children with normal hearing and minimal hearing loss". Boys Town National Research Hospital Lunch and Learn Lectures, Omaha, NE, October, 2010
- Lewis, D.** "Impact of minimal hearing loss in children". Boys Town National Research Hospital Nuts & Bolts lunchtime series, Omaha, NE, October, 2010
- Lewis, D.**, "Effect of minimal/mild hearing loss on children's performance in complex listening environments". Educational Audiology Association Summer Conference, Nashville, TN, July, 2011
- Lewis, D.** "Effect of minimal/mild hearing loss on children's performance in complex listening environments". Canadian Academy of Audiology, Victoria, BC, October, 2011
- Lewis, D.** "Effect of minimal/mild hearing loss on children's performance in complex listening environments. 3-hour presentation at the Speech and Hearing Association of Virginia, Vienna, VA, March, 2012
- Lewis, D.** "Perceptions of children, parents and teachers on the effects of minimal/mild hearing loss". Critical Issues in Educational Audiology Online Conference, June, 2012
- Lewis, D.** & Eiten, L. "FM fitting and verification: current issues". BTNRH Pediatric Amplification Conference, Omaha, NE, September, 2012
- Lewis, D.** "Children with minimal/mild hearing loss in educational settings". ASHA Audiology 2012: Success for Students with Hearing Loss Online Conference, October, 2012
- Lewis, D.** "Effect of minimal/mild hearing loss on children's performance in complex listening environments". Oticon Pediatric Conference, Toronto, Canada, October, 2012
- Lewis, D.** "The complexities of listening with a mild hearing loss". Clarke Mainstream Services 33rd Annual Conference on Mainstreaming Students with Hearing Loss, Springfield, MA, October, 2012
- Lewis, D.** "The complexities of listening and understanding in children with minimal/mild hearing loss". 6th Phonak Sound Foundations Conference, Chicago, IL, December, 2013
- Lewis, D.** "The complexities of listening and understanding in children with minimal/mild hearing loss". Phonak workshop for educational audiologists, Atlanta, GA, January, 2014

- Lewis, D. & McCreery, R.** “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 (hosted by Phonak), Birmingham, UK, July 2014
- Lewis, D.** “The complexities of listening and understanding in children with minimal/mild hearing loss”. 14th Pediatric Audiology Interest Group Conference of the British Society of Audiology, Birmingham, UK, July 2014
- Lewis, D.** The complexities of listening and understanding in children with minimal/mild hearing loss. Presented at the General Session of the Nebraska Speech Language Hearing Convention, Lincoln, NE, September 2014
- Lewis, D.** “The complexities of listening and understanding in children with minimal/mild hearing loss”. Online presentation for the Phonak Hot-Topics Webinar, March 2015
- Lewis, D.** An update on children with minimal/mild/unilateral hearing loss: Where are we now & where are we going? Presented at the American Speech Language Hearing Association Convention, Denver, CO, November 2015.