

## Karen L. Anderson, Ph.D., CCC-A, ABA

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### Education

<u>Degree</u>	<u>Institution</u>	<u>Graduation</u>
<b>Doctor of Philosophy degree</b> in Communication Sciences and Disorders Thesis: <i>Benefit of Three FM Devices to Speech Perception of Children who are Hard of Hearing Listening in a Typical Classroom</i>	Florida State University	Dec., 2002
<b>Educational Specialist degree</b> <b>in Educational Audiology</b> Thesis: <i>Screening For Targeting Educational Risk in Children with Identified Hearing Loss (SIFTER)</i>	Utah State University	Dec., 1987
<b>Masters in Education in Audiology</b> Thesis: <i>Adequacy of Auditory Management of Hearing-Impaired Students in a Minnesota Special Education Cooperative</i>	University of Minnesota Duluth	May, 1981
<b>Bachelor of Applied Sciences</b> <b>in Communication Disorders</b>	University of Minnesota Duluth	May, 1979

### Summary of Publications & Presentations

Refereed publications: 16 Non-refereed publications: 32 Paid invited presentations: 50  
Refereed presentations: 36 Non-refereed presentations: 13 + many routine presentations  
Test instruments authored/co-authored: 7 with 2 pending Journal article reviews: 37

### Service and Awards

2011 Co-wrote the AAA response to Government Accountability Office inquiry on Deaf and Hard of Hearing Children: Federal Support for Developing Language and Literacy  
2011 Subject matter expert developing the exam for the ABA Pediatric Audiology Specialty Certificate (1 of 20)  
2010-2011 Member of a CDC EHDI Workgroup developing standards for tiered audiology services for children.  
2008-2011 Chair of AAA subcommittee to develop guidelines on childhood hearing screening  
2007 Phonak Cheryl DeConde Johnson Best Practices in Educational Audiology Award  
2007 Outstanding Service Award Florida Speech and Hearing Association  
2003 Fred Berg Award in Educational Audiology  
Member of task force that developed the ANSI 2002 Acoustical Standards for Educational Settings  
Past president of the Washington Speech and Hearing Association (1998)  
Past president of the Educational Audiology Association (1996)

### Corporate consultation/presentations

2011 Presentation to Starkey Research Group on development of pediatric initiatives  
2008 Presentation to Phonak engineers regarding FM needs and early identified infants. (Switzerland)  
2007 Consultation with Oticon to develop a multimedia parent counseling tool widely distributed on CD and brochure materials related to teen acceptance of hearing aid wear (Denmark)  
2003 Presentation to Phonak customers in Spain  
1999 Presentation to Sennheiser international sales team on the FM market

### Additional Training/Certifications

Mini Masters in Project Management, University of St. Thomas, Minneapolis 2011  
Licensed as an Audiologist in Minnesota 2010 and in Florida 2000  
Board Certified in Audiology 2003 (ABA)  
Completed SKI\*HI training in 1987 and again in 2004 as a parent advocate for families of hearing impaired children  
Attended VIISA training for providing services to families of infants and toddlers with vision impairment, 2003  
Participated in a week-long Helen Beebe Auditory-Verbal Therapy Professional Development Program; June 1998

## **Courses Taught:**

Introduction to Audiology (3 cr. undergraduate)

Aural Rehabilitation (3 cr. undergraduate)

Language and Speech of Hearing-Impaired (3 cr. graduate)

Also Audiology for students in the Deaf/Hard of Hearing Teacher Training Program at University of Minnesota

## **Research Interests:**

Deaf/Hard of Hearing: speech perception related to pace of learning/effort; use of FM on infants and children; correlation of frequency of use of communication repair strategies and perceived competence/social acceptance

Early Childhood: Socioeconomic status of families and affect of LENA on language and long term literacy outcomes

Multidisciplinary (health sciences): early childhood and school age hearing screening

## **Employment History**

**Present** – Karen L. Anderson Audiology Consulting, LLC. Invited speaking engagements, consultation and development of materials. Contract with San Francisco State University to review research to determine factors for successful implementation of assistive technology (hearing aids) in developing countries. Contract with Minnesota Department of Education to write materials on children with hearing loss for Parents Know website. Submitted contracted manuscript to Butte for publication, Fall 2011: *Building Skills for Success in the Fast-Paced Classroom: Optimizing Achievement for Students with Hearing Loss*. Also November 2009/February 2010: Brought on board by the Minneapolis Public Schools Deaf and Hard of Hearing Program to facilitate the changing needs of students and families secondary to early hearing loss detection and early intervention. Wrote Program Improvement Plan, reframed programmatic services into a continuum of services rather than disparate location-based programs. Provided input to early intervention services to support true oral/aural education options for young children and actively addressing student aural habilitation needs.

**May-Nov 2009** Coordinator of the Early Hearing Detection and Intervention Community Collaborative Project. Minnesota Department of Health, Minnesota Children with Special Health Needs, EHDI Follow-up Unit. Worked with teams from across the state to improve loss to follow up and quality of services to infants and toddlers who are deaf or hard of hearing and their families. Developed an EHDI Index to assess current performance, progress and provide a means for evaluation of quality improvement efforts across the state.

**2000-2009** (Apr) Florida Department of Health, Children's Medical Services, Early Steps Program.

(1) Audiology consultant under the Early Hearing Loss Detection and Intervention Program. Identified and was in contact with pediatric audiologists across the state regarding identification of infants. Worked with group of audiologists to develop recommended infant evaluation protocol.

(2) Programmatic responsibility for development and coordination of early intervention component specific to families of children with hearing loss throughout Florida. Responsible for providing technical assistance to the 15 Early Intervention Programs across the state to support implementation of the SHINE component of early intervention. Extensive networking with audiology, speech language pathology, universities and other professionals providing services to families of children with hearing loss throughout Florida resulting in technical assistance and multiple presentations to groups each year. Set up hearing aid loan bank and competitive pricing for hearing aids for infants.

(3) Also had programmatic responsibility for early intervention services statewide to families of children who are blind and partially sighted.

(4) Department of Health liaison to the Florida Coordinating Council for the Deaf and Hard of Hearing for 5 years, coordinating the activities, managing \$250,000 budget and report writing for 17 Governor-appointed members including representatives of consumer groups with diverse communication needs.

(5) Misc.: Served as the liaison between the Bureau of Early Intervention and the Agency for Health Care Administration Medicaid office; was on the Early Steps Management Team for 2 years; worked as part of the Training Unit team developing materials for early intervention professionals.

- 1992-1999** Private Practice. Rainier Audiology Consulting Services Provider of educational audiology, educational program consultation services to school districts with hearing impaired students. Evaluation of student functional listening abilities, appropriateness of amplification, need and design of special education programming, inservicing, staff consultation.
- 1994-1999** Educational Audiologist. Puyallup School District, Educational Audiology and direct Aural Habilitation services to mainstreamed hard of hearing students and to students in Total Communication hearing impaired program as a school district employee.
- 1987-1992** Educational Audiologist. Tacoma School District. Provided hearing loss identification, follow-up hearing evaluations, special education qualification and mainstream program consultation within a district of approximately 30,000 students. Screened difficult to test populations, developed system to track students with known hearing losses, produced newsletters for 100+ staff people.
- 1983-1988** Regional Educational Audiology Consultant. Northeast Educational Cooperative Service Unit. Consultant to 35 school districts in 9 special education cooperatives in a region of 17,500 square miles. Consultation provided regarding upgrading the identification of, and appropriate services to hearing impaired students. Extensive inservice presentations, work with school systems to develop appropriate educational programs for students, monthly newsletter to district specialists, onsite evaluation of student hearing and classroom listening needs, equipment monitoring and staff consultation.
- 1982-1983** Clinical Audiologist. Otolaryngology practice, Superior, WI. Diagnostics provided to all ages, including hearing aid evaluation and fitting.
- 1983-1985** Dispensing Audiologist. Superior Community Hearing Center, WI. Saturday dispensing practice supporting a community service project for adults and geriatrics.
- 1984-1985** Consulting Audiologist. Audiology evaluation and consultation services to mentally disabled, mentally ill and chemically dependent adults at Moose Lake State Hospital, MN. Provided 8 hours per month while program and need for full-time audiologist was developed.
- 1981-1982** Educational Audiologist. Audiologist for a grant program utilizing tympanometry in hearing screening practices in the Fargo Public School District. Responsible for inservice training for speech language pathologists, physician contacts, parent contacts, all referral decisions.

### **Books/Book Chapters Written:**

- 2012 (Pending) Anderson, K. (2012). Approaches to functional verification of classroom intervention. In Handbook of Acoustic Accessibility: Best Practices for Listening, Learning and Literacy in the Classroom (C. Flexer & J. Smaldino, Eds.).
- 2011 (Pending Oct) Anderson, K. & Arnoldi, K. (2011) Building Skills for Success in the Fast-Paced Classroom: Optimizing Achievement for Students with Hearing Loss. Butte Publications, OR.
- March, 2011 Anderson, K. (2011). Case presented in Pediatric Audiology Casebook (J. Madell & C. Flexer, Eds.). Thieme, New York.
- April, 2006 Anderson, K. (2006). Listening as a gateway to learning. In D. Luterman (Ed.), Families of Children with Hearing Loss, Auricle, Sedona, AZ
- October, 2004 Allen, L. A., & Anderson, K. L. (2005). Marketing and obtaining funding for sound field amplification. In C. C. Crandell, J. J. Smaldino, & C. Flexer (Eds), Sound Field Amplification: Applications to Speech Perception and Classroom Acoustics (pp.218-234). Thomson, Clifton Park, NY.

April, 1995 Allen, L., Anderson, K. (1995) Marketing Sound Field Amplification Systems. Chapter 12 in Sound-Field FM Amplification: Theory and Practical Applications by Crandell, Smaldino & Flexer. Singular Press, San Diego, CA, 201-221.

### **Publications: Test Instruments or Materials**

- Pending 2012 Anderson, K., Smaldino, J., Spangler, C. Listening Inventory For Education – Revised. Downloadable electronic format to be offered free from multiple websites.
- Pending 2012 Anderson, K. (TBD). Student Communication Repair Inventory & Practical Training (SCRIPT). Butte Publishing.
- April, 2007 Anderson, K., Matkin, N. (2007). Relationship of Hearing Loss to Listening and Learning Needs, revision and updating of 1991 and 1998 versions. [www.sifteranderson.com](http://www.sifteranderson.com)
- May, 2004 Anderson, K. (2004). Secondary Screening Instrument For Targeting Educational Risk (SIFTER). [www.sifteranderson.com](http://www.sifteranderson.com)
- December, 2002 Anderson, K. (2002). Early Listening Function (ELF). Parent involvement: The magic ingredient in successful child outcomes: Improving parent participation using the ELF and the CHILD. Hearing Review, 9(11), 24-27, 56.
- August, 2000 Anderson, K., Smaldino, J. (2000) Children’s Home Inventory of Listening Difficulties (CHILD). Educational Audiology Review, 17, 3.
- March, 1998 Anderson, K., Matkin, N. (1998) Relationship of Hearing Loss to Development and Educational Needs: A Counseling Tool for Audiologists & Information for Parents and Schools. Tampa, FL: Educational Audiology Association.
- March, 1998 Anderson, K., Smaldino, J. (1998) Listening Inventory For Education: An Efficacy Tool. Tampa, FL: Educational Audiology Association. Now available at [www.sifteranderson.com](http://www.sifteranderson.com)
- April, 1996 Anderson, K., Matkin, N. (1996) Preschool Screening Instrument For Targeting Educational Risk (SIFTER) in Children age 3-Kindergarten. Tampa, FL: Educational Audiology Association. Now available at [www.sifteranderson.com](http://www.sifteranderson.com)
- January, 1989 Anderson, K. (1989) Screening Instrument For Targeting Educational Risk (SIFTER) in Children with Identified Hearing Loss. Tampa, FL: Educational Audiology Association (previously by Pro-Ed and Interstate Publishers and Printers). Now available at [www.sifteranderson.com](http://www.sifteranderson.com)

### **Publications: Refereed Articles**

- July, 2005 Anderson, K., Goldstein, H., Colodzin, L., & Iglehart, F. (2005). Benefit of S/N Enhancing Devices to Speech Perception of Children Listening in a Typical Classroom with Hearing Aids or a Cochlear Implant. Journal of Educational Audiology, (12)14-28.
- April, 2004 Anderson, K., & Goldstein, H. (2004). Speech perception benefits of FM and infrared devices to children with hearing aids in a typical classroom. Journal of Speech, Language and Hearing Services in Schools, 35(2), 169-183.
- March, 2002 Anderson, K. L. (2001). Kids in noisy classrooms: What does the research really say? Journal of Educational Audiology, 9, 21-33.

April, 2000 Anderson, K. L. (1999). Sound field FM use by children with severe hearing loss: Two case studies. Journal of Educational Audiology, *7*, 54-57.

April, 2001 Anderson, K. L. (2001). Voicing concern about noisy classrooms. Educational Leadership, *58*(7), 77-79.

October, 1997 Anderson, K. (1997) The Sound of Learning: Why Classrooms Must be Designed for Listening. The American School Board Journal, October, 26-28.

May, 1997 Anderson, K. (1997) Classroom Acoustics: A Need to Reexamine and Improve Upon the Typically Noisy Learning Environment. Journal of Educational Audiology, *5*, 47-51

January, 1997 Towne, R., Anderson, K. (1997) The Changing Sound of Education. Sound & Vibration, *31*(1), 48-51.

March, 1996 Anderson, K., Johnson, M. (1996) Sorting it Out: Educational Effects from Early Chronic Otitis Media, CAPD, ADD, or LD?. Educational Audiology Monograph, *4*, 6-11.

March, 1996 Benson, P., Anderson, K. (1996) A Survey of the Use of Hearing Technology in the Schools. Educational Audiology Monograph, *4*, 16-22.

March, 1996 Anderson, K., Whalen, J. (1996) Qualifying as Hard of Hearing in the United States: Differences Between States. Educational Audiology Monograph, *4*, 35-37.

November, 1991 Anderson, K. (1991) Hearing Conservation in the Public Schools Revisited. Seminars in Hearing, *12*(4), 340-364.

October, 1989 Anderson, K. (1989) Speech Perception and the Hard of Hearing Child. Educational Audiology Monograph, *1*, 15-29.

November, 1987 Anderson, K. (1987) When a Child's Hearing Comes and Goes. Principal, *67*, (2), 44-46.

September, 1986 Anderson, K. (1986) Does the Low Achiever in Your Classroom Have Fluctuating Hearing Loss? The New Mexico Journal of Reading, *7*, (1), 5-9.

July, 1985 Anderson, K. (1985) A Case Study of Central Processing Following Longstanding Unilateral Conductive Hearing Loss. The Journal of Auditory Research, *25*, (3), 201-213.

### **Non-Refereed Publications**

May/June, 2011 Anderson, K. (2011). Harry Potter and Hearing Loss: A whimsical look at similarities and successes. Volta Voices, *18*(3),38-41.

September, 2004 Blumsack, J. T., & Anderson, K. L. (2004). Back to school! 13 facts revisited. The Hearing Review, *11*(10), 14, 16, 62-64.

May, 2004 Anderson, K. (2004). The problem of classroom acoustics: The typical classroom soundscape is a barrier to learning. In J. J. Smaldino & C. C. Crandell (Eds.), Seminars in Hearing, *25*(2), 117-129.

November, 2003 Anderson, K. (2003). Parents as allies: Two new questionnaires enable parents and audiologists to better communicated about the hearing needs of young patients. Advance for Audiologists *5*(6), 49-51, 68.

December, 2002 Anderson, K. (2002). Benefit of 3 FM devices to speech perception of children who are hard of hearing listening in a typical classroom. Unpublished doctoral dissertation, Florida State University, Tallahassee.

November, 2002 Anderson, K. (2002). Parent involvement: The magic ingredient in successful child outcomes. The Hearing Review, 9(11), 24-27, 56.

October, 2002 Anderson, K., & Crowley, D. (2002). When listening carefully is not enough: 12 steps to approaching speech-language pathology services for a child who is hard of hearing. Perspectives on Hearing and Hearing Disorders in Childhood, 12(3), 33-37; ASHA Division 9.

July, 2000 Crandell, C., Smaldino, J., & Anderson, K. (2000). Classroom acoustics. Volta Voices, 7(4), 28-32.

January, 2000 Anderson, K., Smaldino, J., & Crandell, C. (2000). Improving acoustics in the American classroom. Advance for Audiologists, 1(1), 24-28.

April, 1999 Anderson, K. (1999). Book Review: Facilitating hearing and listening in young children, (2nd Ed.). Educational Audiology Review, 16(2), 41.

July, 1999 Anderson, K. (1999). Book Review: The young deaf child. Educational Audiology Review, 16(3), 16.

October, 1999 Anderson, K., & Smaldino, J. (1999). Listening inventories for education: A classroom measurement tool. The Hearing Journal, 52(10), 74-75.

September, 1999 Anderson, K. (1999) When it comes to classroom acoustics, what's appropriate? Volta Voices, 6(5), 16-17

August, 1997 Anderson, K. (1997) Clinical Approaches to Educational Audiology: Communicating More Effectively with the Public Schools. Special Interest Division 9: Hearing and Hearing Disorders in Childhood, 7, (2), 17-18.

June, 1997 Anderson, K. (1997) Strategies for Management: Educational Monitoring. Educational Audiology Association Newsletter, 14, (2), 3.

May, 1997 Anderson, K. (1997) Appendix 3-F: Screening Instrument For Targeting Educational Risk (SIFTER), In Educational Audiology Handbook, by Johnson, Benson & Seaton. Singular Press, San Diego, CA. 318-319.

May, 1997 Anderson, K., Matkin, N. (1997) Appendix 4-D: Relationship of Degree of Longterm Hearing Loss to Psychosocial Impact and Educational Needs, In Educational Audiology Handbook, by Johnson, Benson & Seaton. Singular Press, San Diego, CA. 340-341.

May, 1997 Anderson, K., Matkin, N. (1997) Appendix 3-G: Screening Instrument For Targeting Educational Risk In Preschool Children (Age 3-Kindergarten) (Preschool SIFTER), In Educational Audiology Handbook, by Johnson, Benson & Seaton. Singular Press, San Diego, CA. 320-321.

May, 1997 Anderson, K., Smaldino, J. (1997). Appendix 6-B: Listening Inventory For Education: LIFE Teacher Appraisal and LIFE Student Appraisal. In Educational Audiology Handbook, by Johnson, Benson & Seaton. Singular Press, San Diego, CA. 387-390,

March, 1997 Anderson, K. (1997) 13 FACTS: Hearing Loss in the Classroom. "A leader in the field of educational audiology presents a list of unsettling surprises." Reprint from Hearing Health, 13, (2), 14.

January, 1997 Anderson, K., English, K. (1997) A Look at Audiology Services in Schools....and How You Can Help. The Hearing Review, 4, (1), 44-50.

January, 1997 Anderson, K. (1997) 13 facts...The impact of hearing loss on education. Reprint of article from Hearing Health. Missouri Innovations in Special Education, 24, (3), 10-11.

September, 1996 Anderson, K. (1997) 13 FACTS: Hearing Loss in the Classroom. The Hearing Review, 3, (9), 19.

April, 1995 Koehl, L., Thomas, L, Anderson, K. (1995). Chaos in the Classroom. Hearing Health, 11, (3), 36.

May, 1992 Anderson, K., (1992) Keys to Effective Hearing Conservation Programs: Hearing Status of School-Age Children. Proceedings of the ASHA Audiology Superconference, ASHA Reports, 21.

December, 1991 Anderson, K. (1991) The Craig Lipreading Inventory, Product Review Section. Asha, December.

November, 1991 Anderson, K. (1991) Present Developments that Promise Help for the Listening Needs of the Hard of Hearing Child. In Sound Field Classroom Amplification: A Collection of Writings by Members of the Educational Audiology Association, distributed at the ASHA Convention, Atlanta, GA.

January, 1991 Anderson, K., Matkin, N. (1991) Relationship of Degree of Longterm Hearing Loss to Psychosocial Impact and Educational Needs. Co-authored by Noel Matkin. Educational Audiology Association Newsletter, 8,(1) and 8,(2).

January, 1988 Anderson, K. (1988) The Use of Sound Field Amplification. Educational Audiology Association Newsletter, 5, (1).

### **Refereed Presentations**

April, 2011 Pending – participate in a panel discussion on classroom acoustics at Audiology Now!.  
Pending – accepted to present a summary of the guidelines developed by the AAA Subcommittee on Childhood Hearing Screening at Audiology Now! Chicago, IL.

February, 2011 Pending - Anderson, K. (2011). Unilateral Hearing Loss: Information for Parents. Poster Presentation. Early Hearing Detection and Intervention Conference, Atlanta, GA.

March, 2009 Anderson, K. (2009). Collaborating with Pediatric Audiologists: The Stick and the Carrot. National EHDI Conference, Dallas TX.

June, 2008 Sexton, J. & Anderson, K. (2008). Keys to Effective Parent Counseling: Setting the Stage for Optimal Child Outcomes. Poster session at the International Infant Hearing Conference, Como, Italy.

April, 2008 Sexton, J., Anderson, K., & Wilson, K. (2008). Counseling: Managing the Whole Child and Family. Annual American Academy of Audiology Convention, Charlotte, NC.

August, 2007 Hall, J., Fifer, R., Anderson, K. (2007). Evaluation of Hearing Loss in Infants: State of Florida CMS Guidelines, St. Petersburg, FL.

May, 2007 Anderson, K., (2007). Infant Hearing Update: Identification, Diagnosis, Early Intervention. Annual meeting of the Florida Speech and Hearing Association, San Marco Island, FL.

May, 2007 Anderson, K., (2007). School Age Children with Hearing Loss. Annual meeting of the Florida Speech and Hearing Association, San Marco Island, FL.

February, 2007 Anderson, K., McCain, Ken. (2007). Florida's System of Communication Development Monitoring of Children with Hearing Loss. Annual Early Hearing Detection and Intervention Conference, Salt Lake City, UT.

August, 2005 Anderson, K., Whitaker, H., Dausa, A., Swanson, C., (2005, August). Audiological, Management of Infants and Toddlers with Hearing Loss. Annual meeting of the Florida Academy of Audiology, West Palm, FL.

August, 2004 Anderson, K., Fifer, R., Whittaker, H., Golson, P., Rahe, F., (2004, August). Florida's audiology assessment guidelines for infants and toddlers: Management of young children with hearing loss. Annual meeting of the Florida Academy of Audiology, Orlando, FL.

May, 2004 Anderson, K. (2004, May). Update on infant hearing: Detection, diagnosis, and intervention issues. Spring conference of the Florida Speech and Hearing Association, Orlando, FL.

October, 2003 Anderson, K. (2003, October). Florida newborn hearing screening and intervention program. Annual meeting of the World Congress on Disabilities, Orlando, FL

April, 2003 Anderson, K. (2003, April). Benefit of three FM devices to children with hearing impairment. Annual meeting of the Council for Exceptional Children Convention, Seattle, Washington. Poster session.

April, 2003 Anderson, K., & Colodzin, L. (2003, April). Benefit of three FM Types for children with hearing aids. Annual meeting of the American Academy of Audiology Convention, San Antonio, Texas. Poster session.

November, 2002 Anderson, K., Goldstein, H., Colodzin, L., & Iglehart, F. (2002, November). Benefits of three FM devices for children with hearing impairment. Annual meeting of the American Speech Language and Hearing, Seattle. Poster session.

August, 2002 Anderson, K. (2002). Partnering with early intervention to manage infants and toddlers with hearing impairment. Florida Academy of Audiology, August 24; Orlando, Florida.

July, 2002 Anderson, K. (2002). Serving infants and toddlers with hearing loss and their families effectively. 2002 Summer Conference on Young Children, One Goal: Building the Future Together, July 16, 2002, Tampa, Florida.



July, 2002 Anderson, K. (2002). Welcoming the child with hearing impairment into child care or early education settings. 2002 PreConference Training on Inclusion, July 15, 2002, Tampa, Florida.

May, 2002 Anderson, K., & Filloon, A. (2002). Children with hearing impairment: Experiences and information for families. Family CAFÉ 2002, May 17, 2002, Kissimmee, Florida.

May, 2002 Anderson, K. (2002). Florida intervention practices: Developing communication skills in hearing impaired infants. Florida Association of Speech-Language Pathologists and Audiologists, May 16, 2002, Sarasota, Florida.

April, 2002 Anderson, K., Goldstein, H., Colodzin, L., & Iglehart, F. (2002, November). Benefits of Three FM Devices on Speech Perception of Children in Classrooms. Poster session presented at the annual meeting of the American Academy of Audiology, Atlanta..

November, 2001 Anderson, K. (2001). Speech perception affects under good, moderate, and poor classroom listening conditions. Poster session presented at the annual meeting of the American Speech and Hearing Association, New Orleans, Louisiana. November 15, 2001.

July, 2001 Anderson, K. (2001). Effects of background noise and reverberation on learners: A critical review of the literature. Educational Audiology Association Summer Conference, July 2001. Portland, Oregon.

May, 2001 Anderson, K. & Wells, J. (2001). Early identification and intervention of hearing loss: The difference it makes! Family CAFÉ 2001, May 19, 2001, Kissimmee, Florida.

September, 2000 Crandell, C., & Anderson, K. (2000). The impact of classroom acoustics on student learning: What do we know? What can we do? Council of Educational Facilities Planners International, Orlando, FL; September 30' 2000.

March, 2000 Anderson, K., & Smaldino, J. (2000) Pediatrics beyond the audiogram: Counseling, advocacy, aided efficacy. American Academy of Audiology, Chicago, 3-18-2000

November, 1999 Anderson, K. (1999). The passion behind changing the sound of education. Acoustical Society of America Conference, Columbus, OH.

April, 1998 Thibadeau, L., Anderson, K., English, K. (1998) Making Research Available to Educational Audiologists: An Outcomes-Based Model. American Academy of Audiology Convention, Los Angeles.

June, 1997 Anderson, K., Smaldino, J. (1997) Determining the Benefit of Amplification Use in the Classroom. Educational Audiology Association Summer Conference, Estes Park, CO.

June, 1997 Anderson, K., English, K., Smaldino, J. (1997) Educational Audiology: Where have we been? Where are we now? Where are we going? Educational Audiology Association Summer Conference, Estes Park, CO.

November, 1995 Crandall, C., Gegg-Rosenburg, G., Anderson, K., Efficacy Issues in Sound Field Amplification. Institute on Sound Field Amplification, ASHA Convention, Orlando, FL.

June, 1995 Benson, P., Anderson, K. (1995) A Survey of the Use of Hearing Technology in the Schools. Educational Audiology Summer Conference , Lake Lure, NC.

- June, 1995 Anderson, K., Johnson, M. (1995) Sorting it Out: Effects from Early Chronic Otitis Media, CAPD, ADD, or LD? Educational Audiology Summer Conference, Lake Lure, NC.
- June, 1995 Anderson, K., Whalen, J. (1995) Qualifying as Hard of Hearing in the United States: Differences Between States. Poster Session at Educational Audiology Summer Conference, Lake Lure, NC.
- October, 1992 Anderson, K., Johnson, M. (1992) Qualifying the Student with Fluctuating Hearing Loss. Washington State Association of School Psychologists Fall Conference.
- October, 1991 Anderson, K. (1991) The MARRS Project: Serving the Listening Needs of the Hard of Hearing Student with Sound Field Amplification. Tri-State Speech and Hearing Association Conference, Portland, OR.
- November, 1981 Anderson, K., Voss, J. (1981) Look at the Total Child. Chart of compilation of hearing testing information in regard to other areas of child development (ages birth-5). Poster Session presented at ASHA Convention , Los Angeles, CA.

### **Non-Refereed Presentations**

- 2002 – 2009 Many presentations to audiology groups and early intervention providers regarding providing appropriate diagnostic and intervention services to families of children with hearing loss, vision impairment, use of Medicaid, etc.
- September, 2002 Anderson, K. (2002). Florida services for young children with hearing loss. Florida Symposium on Early Childhood Hearing Loss, St. Augustine, Florida.
- July, 2001 Anderson, K. (2001). Florida's early intervention system: How it applies to infants and toddlers with hearing loss and their families. Florida Symposium on Early Childhood Hearing Loss, July 28, 2001, St Augustine, Florida.
- February, 2000 Anderson, K. (2000). Pediatric audiology beyond the audiogram: Counseling, advocacy, aided efficacy. Annual NSHLA Conference, University of Florida, Orlando; February 18, 2000.
- February, 1998 Anderson, K. (1999). The cornerstone of education: The ability to access verbal instruction and classroom communication effectively. Acoustical Society of America, Working Group on Classroom Acoustics presentation to the Camelot School.
- January, 1999 Anderson, K. (1999) A Practitioner's View of FM Use: FM Trends and Needs. Presentation to Sennheiser Electronic Corporation international planning and sales working group for FM.
- July, 1998 Anderson, K. (1998) Isn't Hearing the Same as Perceiving? :Why All the Recent Concern about Classroom Acoustics? Educational Audiology Perspectives #9. AAA Web site: <http://www.audiology.org/edaud/specmast.htm>
- June, 1998 Anderson, K. (1998) Helping Parents Advocate for Children's Hearing Needs in Schools: Laws and Court Cases Relevant to Receiving Appropriate Services in the Schools. Perspectives #7. AAA Web site: <http://www.audiology.org/edaud/specmast.htm>

October, 1997 Anderson, K. (1997) Who Pays for Hearing Technology? Educational Audiology Perspectives #5. AAA Web site. <http://www.audiology.org/edaud/specmast.htm>

August, 1997 Anderson, K. (1997) So What is a Significant History of Otitis Media? or It's a Fluctuating Hearing Loss, So What? or Amplify Conductive Hearing Loss: Is This Ever Really Necessary? Educational Audiology Perspectives #4, AAA Web site: <http://www.audiology.org/edaud/specmast.htm>

May, 1997 Anderson, K. (1997) So What is a Significant Hearing Loss? or It's a Little Hearing Loss, So What or To Aid or Not to Aid, That is the Question (Sensorineural). Educational Audiology Perspectives #3. AAA Web site: <http://www.audiology.org/edaud/specmast.htm>

March, 1997 Anderson, K. (1997) An Overview and Definition of Central Auditory Processing Disorders: Recognizing and Treating Children with CAPD. Puyallup School District Speech-Language Pathologists.

March, 1997 Anderson, K. (1997) What is Normal Hearing? Educational Audiology Perspectives #2. AAA Web site: <http://www.audiology.org/edaud/specmast.htm>

February, 1997 Anderson, K. (1997) A Fresh Look at Audiology Services in the Schools. Educational Audiology Perspectives #1. AAA Web site: <http://www.audiology.org/edaud/specmast.htm>

1981-1998 Countless inservice presentations to school staff including topics on sound field amplification, fluctuating hearing loss, amplification usage, efficacy of amplification, classroom acoustics, hearing screening, tympanometry, etc.

### **Invited Presentations**

2011 Upcoming events: Pella, IA (Oct 6), Northampton, MA (Oct 20), Los Angeles, CA (Nov 5), Denver CO (Dec 9)

November, 2010 Anderson, K. (2010). New Frontiers: Supporting Successful Outcomes for Children with Hearing Loss. Invited by ASHA Special Interest Division on Childhood Hearing and Hearing Disorders to present a short course at ASHA, Philadelphia, PA.

September, 2010 Anderson, K. (2010). Educational Audiology: Improving School Performance. Pediatric Audiology Project Managing Hearing Loss in Children Conference, Jackson Hole, WY.

May, 2010 Anderson, K. (2010). (1) Parents as Drivers and Hearing Loss Professionals as Passengers who Help Them Navigate Where They Want to Go; (2) Early Communication and Learning of Young Children with Hearing Loss; (3) Listening to Learn in a Sea of Noise; (4) Managing the Student who is Hard of Hearing. Manitoba Speech and Hearing Association. Winnipeg, Manitoba.

February, 2010 Anderson, K. (2010). (1) Listening to Learn in a Sea of Noise; (2) Determining the Need and Benefit of Amplification for Children who are Deaf or Hard of Hearing. William E. Weidner Symposium, Auburn, AL.

February, 2009 Anderson, K. (2009). (1) The Basics: Hearing Loss and Language Learning; (2) Identifying Hearing Loss: What and Why; (3) Experiences and Materials to Better Understand Child Function; (4) Challenges to Speech Perception, Listening, Learning. Laramie, WY.

August, 2008 Anderson, K. (2008). Working Together to Improve the Future of Babies with Hearing Loss: The Early Hearing Loss Detection and Intervention Movement. Annual Oticon OtiCamp meeting, Denmark.

August, 2008 Anderson, K. (2008). Building Relationships with Families: Counseling for Better Acceptance and Better Child Outcomes. Annual meeting of the Danish Association of Hearing Care Professionals, Vejle, Denmark.

August, 2008 Anderson, K. (2008). Building Relationships with Families: Diagnosis and First Steps. Annual meeting of the Danish Association of Hearing Care Professionals, Vejle, Denmark.

August, 2008 Anderson, K. (2008). Speech Perception in the Classroom: The Realities of Listening in a Sea of Noise and What can be Done. Annual meeting of the Danish Association of Hearing Care Professionals, Vejle, Denmark.

June, 2008 Growing Potential: The EHDI Movement and Early Intervention Barriers and Opportunities. Phonak, Switzerland.

March, 2008 Anderson, K. (2008). Parents as Drivers: Hearing Loss Professionals who Help Them Navigate Where They Want to Go. Annual Rhode Island Hearing Impaired Program meeting, Providence, RI.

March, 2008 Anderson, K. (2008). Successful Foundations to Starting School: Transition of Preschoolers with Hearing Loss. Annual Rhode Island Hearing Impaired Program meeting, Providence, RI.

March, 2008 Anderson, K. (2008). Determining the Need and Benefit of FM Use: Measurement of Outcomes. North Carolina Educational Audiology Association, Raleigh, NC.

March, 2008 Anderson, K. (2008). Speech Perception in the Classroom: The Realities of Listening in a Sea of Noise and What can be Done. North Carolina Educational Audiology Association, Raleigh, NC.

March, 2008 Anderson, K. (2008). Communication Repair: Communication Failure and Development of Repair Strategies. North Carolina Educational Audiology Association, Raleigh, NC.

March, 2008 Anderson, K. & Sexton, J. (2008). Counseling: Managing the Whole Child and Family. North Carolina Educational Audiology Association, Raleigh, NC.

August, 2007 Anderson, K. (2007). Listening to Learn in a Noisy World. Wisconsin Department of Education Summer Institute for Deaf Education.

August, 2007 Anderson, K. (2007). Building Blocks for Success in the Classroom for Students with Hearing Loss. Wisconsin Department of Education Summer Institute for Deaf Education.

July, 2007 Anderson, K. (2007). Managing School Age Children with Hearing Loss. Oticon Pediatrics Summer Conference. Reno, NV.

February, 2007 Anderson, K. (2007). Speech Perception in the Classroom. Annual conference of Beth Israel Hospital, New York, NY.

September 2006 Anderson, K. (2006). Serving Children with Hearing Loss Through Collaboration and a Recognized Structure of Appropriate Services. Invited speaker for Maine Early Intervention and Deaf/Hard of Hearing Specialty Programs.

September 2006 Anderson, K. (2006). Communication Development Monitoring for Young Children with Hearing Loss: Why, When, How. Invited speaker for Maine Early Intervention and Deaf/Hard of Hearing Specialty Programs.

April, 2006 Anderson, K. (2006). Speech perception in the classroom: The realities of learning in a sea of noise and what can be done. Annual meeting of the Wisconsin Speech Language Pathology and Audiology Professional Association, April 29, Green Bay, WI.

April, 2006 Anderson, K. (2006). Determining need and benefit of FM use: Measurement of outcomes. Annual meeting of the Wisconsin Speech Language Pathology and Audiology Professional Association, April 29, Green Bay, WI.

September, 2005 Anderson, K. (2005). Validation of communication access: Determining if your amplification fitting hits a home run. Children's Hospital Boston conference, September 24.

December, 2004 Anderson, K. (2004). Determining need and benefit of FM use: Measurement of outcomes. Speech Pathologists and Audiologists in Louisiana Schools. Baton Rouge, LA.

May, 2004 Anderson, K. (2004). What is the audiologist's role in the management of young children? Ellen Kurtzer-White Memorial conference, Providence, RI.

February, 2004 Anderson, K. (2004). Educational audiology: An overview and update of issues. Invited lecture for the University of Florida AuD program.

February, 2004 Anderson, K. (2004). Audiologic management of early-identified infants and toddlers with hearing loss. Invited lecture for the University of Florida AuD program.

May, 2003 Anderson, K. (2003, May), Optimizing learning for children with hearing impairment. Phonak European Session on Classroom Listening. Barcelona.

February, 2003 Anderson, K. (2003). Infants and toddlers with hearing loss: Management beyond the hearing aid fitting. Oticon Winter 2003 Human Link Conference, February 22, 2003, Williamsburg, Virginia.

February, 2003 Anderson, K. (2003). Children's hearing aid use in everyday environments: The critical need to validate hearing aid fitting and performance. Oticon Winter 2003 Human Link Conference, February 22, 2003, Williamsburg, Virginia.

May, 2002 Anderson, K. (2003). Validating children's performance with FM systems. Phonak Conference for Educational Audiologists, May 2002, Chicago, Illinois.

February, 2002 Anderson, K. (2002). What has happened in Florida since newborn infant hearing screening was mandated October 1, 2000? 16<sup>th</sup> Annual Winter Conference by the Beach, Morton Plant Mease Health Care Education Center, February 22, 2002, Clearwater, Florida.

October, 2000 Anderson, K., (2000). What's new in hearing technology and how can we tell if children really benefit? 2000 Annual Fall Conference on Mainstreaming Students with Hearing Loss, Springfield, MA; October 26, 2000.

October, 1998 Anderson, K., (1998) Considerations for Managing the Needs of School-Aged Children with Hearing Loss in the Clinic and Beyond. Washington Society of Audiology Conference: Hearing Aids and Beyond, Managing the Whole Patient. Seattle, WA.

October, 1998 Anderson, K., (1998) Efficacy of Amplification, Accountability Methods for Itinerant Teachers of the Hearing Impaired, Raising Awareness of the Effects of Hearing Loss Among School Personnel. Area Education Agency 4, Storm Lake, IA.

April, 1998 Anderson, K., Smaldino, J. (1998) Listening Inventory For Education: Defining Listening Difficulties and Amplification Benefit in the Classroom. Special Kids, Special Needs: A Conference on Low Incidence Disabilities, Iowa Dept. of Education, Des Moines, IA.

April, 1998 Anderson, K. (1998) Effective Inservicing: Fresh Ideas to Turn Heads. Special Kids, Special Needs: A Conference on Low Incidence Disabilities, Iowa Dept. of Education, Des Moines, IA.

April, 1998 Johnson, C. D., Smaldino, J., Anderson, K. (1998) Audiology Cracker-barrel: Issues in Audiology. Special Kids, Special Needs: A Conference on Low Incidence Disabilities, Iowa Dept. of Education, Des Moines, IA.

April, 1998 Anderson, K. (1998) Little Ears: Big time Learning. Special Kids, Special Needs: A Conference on Low Incidence Disabilities, Iowa Dept. of Education, Des Moines, IA.

December, 1997 Anderson, K. (1997) Effects of Noise on Classroom Performance. Classroom Acoustics Conference (Los Angeles). Conference Proceedings Journal to be published.

September, 1997 English, K., Anderson, K. (1997) Educational Audiology: Best Services in School Settings. Full day course at AAA Fall Meeting (New Orleans).

February, 1997 English, K., Anderson, K. (1997) Educational Audiology: Best Services in School Settings. Full day course at AAA Mid-Winter Meeting (Phoenix).

October, 1995 Anderson, K. (1995) Identification and Management of the Hearing Impaired Child. Speech and Hearing Association of British Columbia (Vancouver, BC).

October, 1992 Anderson, K. (1992) Serving the Needs of the Student with Fluctuating Hearing Loss. Northwest Regional Washington Speech and Hearing Association Fall meeting.

March, 1991 Anderson, K. (1991) Keys to Effective Hearing Conservation Programs: Hearing Status of School-Age Children. ASHA Audiology Superconference (San Diego, CA).

March, 1991 Anderson, K. (1991) Lab on the Use of Sound Field Amplification Technology. ASHA Audiology Superconference (San Diego, CA).

October, 1990 Anderson, K. (1990) The MARRS Project: How to Promote the Use of Sound Field Amplification to Meet the Needs of Students with Hearing Impairment. Ontario Speech-Language-Hearing Association Convention (Toronto, Ont.).

May, 1990 Ray, H., Anderson, K. (1990) Fluctuating Hearing Loss: Profile of the Student who can Best Benefit from Sound Field Amplification. (Medford, OR).

### **Grant Writing History**

2006 – 2008 Repeated annual grants obtained from CDC/EHDI for conference support of the annual Symposium for Early Childhood Hearing Loss which attracts over 300 participants.

February/March 2005 Grant writing for competitive renewal of CDC/EHDI grant and HRSA/UNHSI grants for new 3-year cycle of funding.

July, 2001 Universal Newborn Hearing Loss Detection and Intervention Project. Maternal Child Health Bureau. Participant in a writing team from the Florida Department of Health, Children’s Medical Services as part of EHDI Audiology Consultant activities. \$157,000 funded fully in October 2001.

July, 2000 Early Hearing Detection and Intervention Surveillance and Tracking Project. Centers for Disease Control and Prevention. Participant in a writing team from the Florida Department of Health, Children’s Medical Services as part of a doctoral program practicum. \$150,000. Fully funded October, 2000.

August, 2000 Teacher rating of the classroom performance of children with hearing loss. Educational Audiology Association Noel Matkin Research Award. Awarded \$1000 grant.

January, 2002 Benefit of three FM devices to speech perception of hard of hearing children listening in a typical classroom. Department of Education, Student Initiated Research Projects. \$20,000 funded.

### **Professional Leadership Activities**

Chair of AAA subcommittee that developed a position statement on Childhood Hearing Screening Recommended Guidelines, October 2008 and completed fall 2011.

Washington Speech and Hearing Association President: 1998

Educational Audiology Association Products Chair: 1997-1998

Educational Audiology Association President: 1996

Educational Audiology Association Newsletter Editor: 1988-1994 (included Article, Book, Product Reviews).

WSHA Task Force: State Criteria to Qualify Hard of Hearing Children 1993-1995

Selected as one of nine charter members of the Admission and Professional Conduct Advisory Committee to the Washington State Superintendent of Public Instruction and the State Board of Education: 1990-1992

Certified Trainer for MARRS National Diffusion Network Project 1985-1992

### **Professional Activities**

Ongoing Requested to review several articles per year (ASHA journals, IJA, AAA, JEA, etc.).

March, 2010 Assistant Editor for the Journal of Educational Audiology (ongoing)

January, 2010 Subject matter expert on a CDC sponsored committee (PALS): EHDI Accountable Care Initiative to develop a structure that will support tiered audiology services for children.

October, 2008	Selected as Chair of the AAA Subcommittee on Childhood Hearing Screening to develop evidence-based recommendations on hearing screening for children 6 months – high school.
November, 2007	Assigned to the Training Unit of the Early Steps Bureau in addition to EHDI Audiology and Intervention responsibilities and FCCDHH Council duties.
June, 2006	Assigned as Medicaid Liaison for the Early Steps Bureau to oversee collaborative revision of the Medicaid Early Intervention Services Handbook and as a conduit for Medicaid-related questions from Local Early Steps offices.
January 2005	Assigned as a member of the Early Steps Bureau Management Team to participate in decision-making for this state IDEA Part C program.
June, 2004	Assigned to be the Department of Health liaison providing assistance and coordination to the Governor appointed Florida Coordinating Council for the Deaf and Hard of Hearing in addition to duties as the SHINE coordinator and EHDI Audiology Consultant.
January , 2002	Developed and became new coordinator of the Serving Hearing Impaired Newborns Effectively (SHINE) component of early intervention specific to serving families of infants and toddlers with hearing loss in Florida in addition to being the EHDI Audiology Consultant for Florida and completing doctoral program requirements.
2001-2009	Planned the annual Symposiums on Early Childhood Hearing Loss in conjunction with Florida Department of Education and Florida School for the Deaf and the Blind.
November, 2000	Began working as the Early Hearing Loss Detection and Intervention Audiology Consultant for Florida in conjunction with doctoral studies.
August, 1999	Began doctoral studies at Florida State University
February, 1999 & March, 1998	One of four audiology professionals to be a Judge for the Oticon Focus on People Awards: Advocacy category. This Award honored hard of hearing individuals whose achievements, advocacy and spirit are changing the perception of what it means to have a hearing loss. Involved review of information from many nominees.
May, 1998	Co-chair and co-facilitator for the first Spring Hearing Meeting co-sponsored by the Washington Speech and Hearing Association and the Washington Society of Audiology and developed for audiologists, educators of the deaf/hard of hearing and speech language pathologists with interests in cochlear implants, aural habilitation and innovations in FM technology.
March, 1998	EAA Publications Chair Activity: Completed review of materials to be included in <u>Great Educational Handouts, Volume I</u> for distribution by EAA. Also completed final format of the <u>CHAPS</u> and coordination with author for distribution of test by EAA.
February, 1998	Provided input into a concept paper developed by the Pearl S. Buck Foundation to the United States Assistance for International Development (USAID) regarding developing a program to improve the identification, service and educational programming practices for children with speech and hearing disabilities in Vietnam.
January, 1998	Assumed office as President of Washington Speech and Hearing Association.



November, 1997	Facilitated a Think Tank meeting of the Washington Speech and Hearing Association executive board to align association goals and define specific objectives for the association.
August, 1997	Provided input to Washington state Department of Health and Human Services regarding the need for appropriate early intervention services for children with hearing loss.
June, 1997	Participated in the 1997 EAA Board Retreat as EAA Past President. Accepted appointment to fulfill term of the EAA Products Chair (through 1998).
May, 1997	Attended the Council of State Speech-Language-Hearing Association Presidents Spring Conference as WSHA President-Elect (Salt Lake).
March, 1997	Participated in a study examining the effects of classroom noise and acoustics on student speech perception in quiet, noise and with the use of sound field amplification. A grant-funded study administered by the University of Washington, College of Architecture and Urban Planning. Developed test protocol, permission letter for parents and student recording materials. Worked with classroom teachers and directed classes in listening activities and data collection.
January, 1997	Selected to become the first Associate Specialty Editor to the American Academy of Audiology Web site.
October, 1996	Submitted a letter on behalf of EAA to the Federal Access Board in support of writing guidelines for classroom acoustics under the American Disabilities Act Guidelines.
June, 1996	Facilitated the first Educational Audiology Association Executive Board Retreat to align association goals and define specific objectives for the association.
April, 1996	Facilitation of a meeting of the Educational Audiology Association at the AAA Convention (Salt Lake). Facilitated a discussion of the AuD and educational audiology.
January, 1996	Took office as President of the Educational Audiology Association.
April, 1995	Educational Audiology Association appointee to plan the session and arrange speakers for the "Innovative Practices in Educational Audiology" at the 1995 American Academy of Audiology Convention
September, 1994- June, 1995	Educational Audiology Association appointee to plan the 3rd EAA Summer Conference. Responsibilities included meeting location arrangements, call for papers, selection of speakers, program planning, developing conference brochure and facilitation of this national meeting.
February, 1985	Recognized as a Certified Trainer for the National Diffusion Network recognized Mainstream Amplification Resource Room Project, which instigated the adoption of sound field amplification in classrooms throughout the United States.
September, 1985	Obtained certificate for completion of SKI*HI training as a parent advisor trained to promote the development of language, communication and auditory skills of babies and young children with identified hearing impairment.

1983-1985                      Wrote and received monetary grants from the Edwin Eddy Foundation, The Sheltering Arms Foundation and The Nevin Huestad Foundation to support pilot and demonstration projects which utilized sound field amplification of the teacher's voice in the regular education classroom.

November, 1982              Awarded a Wisconsin Hearing Aid Dealers and Fitters License.

### **Membership in National Professional Societies**

American Speech and Hearing Association (ASHA), since 1981

American Academy of Audiology (AAA), since 1988

Educational Audiology Association (EAA), since 1986

Alexander Graham Bell Association (AG Bell), since 1995

### **Personal Information**

Karen Anderson currently lives in Plymouth, Minnesota.

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