

EDUCATION

Central Michigan University, Mt. Pleasant, MI
Candidate, Doctor of Audiology
Expected August 2009

Washington University, St. Louis, MO
Master of Science, Speech and Hearing
1989

The University of Iowa, Iowa City, IA
Post-Baccalaureate Study, Independent Student Research
1987

The University of Iowa, Iowa City, IA
Bachelor of Science, Speech and Hearing Science
1986

CERTIFICATION /LICENSURE

Board Certified in Audiology with a Specialty in Cochlear Implants, American Board of Audiology

Audiologist, State of Missouri

Certificate of Clinical Competence (CCC-A), American Speech-Language-Hearing Association

PROFESSIONAL WORK EXPERIENCE

1996-present	The Moog Center for Deaf Education, St. Louis, MO Pediatric Audiologist
1990-96	Central Institute for the Deaf School, St. Louis, MO Audiologist
1990-96	Masters Degree Program, Department of Speech and Hearing Washington University, St. Louis, MO Practicum Supervisor and Graduate Project Supervisor
1989-90	Central Institute for the Deaf School & Clinics, St. Louis, MO Audiologist – Clinical Fellowship Year
1986-87	Department of Otolaryngology, The University of Iowa Hospitals & Clinics, Iowa City, IA Electronystagmography Technician
1985-87	Hearing Aid Services, Inc., Coralville, IA Hearing Aid Technician/Office Assistant
1984-85	The University of Iowa Speech and Hearing Department, Iowa City, IA Audiology Student Clinician

RESEARCH EXPERIENCE

2002- 2007	Co-Investigator, National Institutes of Health supported project: Strategies to optimize benefit from a cochlear implant IV: Further development of a protocol for fitting speech processor Maps in newly implanted children, Principle Investigator: Skinner, M.W., The Moog Center for Deaf Education, St. Louis, MO
2006	Co-Investigator, National Institutes of Health supported project: Strategies to optimize benefit from a cochlear implant IV: The Effect of Instantaneous Input Dynamic Range Setting on the Speech Perception of Children with the Nucleus 24 Implant, Principle Investigator: Skinner, M.W., The Moog Center for Deaf Education, St. Louis, MO
2003	Co-Investigator, National Institutes of Health supported project: Strategies to optimize benefit from a cochlear implant IV: Relation between electrode's minimum and maximum stimulation levels in a child's Nucleus 24 Cochlear Implant Map, Principle Investigator: Skinner M.W., The Moog Center for Deaf Education, St. Louis, MO
1996	Research Audiologist, National Institutes of Health supported project: Cochlear Implants and Education of the Deaf Child, Principle Investigators: Moog J.S., and Geers A., Central Institute for the Deaf, St. Louis, MO
1989 - 1991	Research Audiologist, National Institutes of Health supported project: Cochlear Implant Project., Principle Investigators: Moog J.S. and Geers A., Central Institute for the Deaf, St. Louis, MO
1986 - 1987	Research Assistant, National Institutes of Health supported project: Audiovisual Laserdisc Lipreading Training Project, Principle Investigator: Tye-Murray, N., Department of Otolaryngology, The University of Iowa Hospitals & Clinics, Iowa City, IA

1986 - 1987 Independent Study Student, Cochlear Implant Test Development : Sentence Matrix Test for Hearing-Impaired Children, Supervisor: Tyler, R., Department of Speech Pathology & Audiology, The University of Iowa, Iowa City, IA

TEACHING EXPERIENCE

LSLS Lecture Series for Deaf Educators and Speech Language Pathologists at the Moog Center for Deaf Education. Verification of Auditory Skill Development: Speech Perception Testing. St. Louis, March 5, 2008 and March 11, 2008.

Moog Lecture Series for Deaf Educators and support staff at the Moog Center for Deaf Education. Cochlear Implant, Hearing Aid, FM System, Genetics Lectures. St. Louis, 2004-2006.

Moog Lecture Series for Fontbonne University and University of Southern Illinois practicum students. Cochlear Implant Lecture. Understanding Cochlear Implants. St. Louis, 1996-2004.

Moog Lecture Series for Deaf Educators and support staff at The Moog Center for Deaf Education. Cochlear Implant Lecture. Understanding Cochlear Implants. St. Louis, 1996-2003.

Texas Woman's University Communication Science & Disorders Department. Cochlear Implant Course. Understanding Cochlear Implants. Denton, February 1999-2001.

Washington University Speech & Hearing Department. Educational Audiology Course. Otoscopy, Tympanometry and Speech Perception Testing. St. Louis, 1993-1996.

Washington University Speech & Hearing Department. Behavior Management Course. Child Management & Audiology. St. Louis, 1993-1996.

Washington University Speech & Hearing Department. History and Trends Course. Genetic Syndromes Associated with Hearing Impairment. St. Louis, 1993-1996.

University of Missouri - St. Louis, Research in Psychology/ Exceptional Individual Course. Hearing Loss and Cochlear Implants. St. Louis, 1995.

PROFESSIONAL ORGANIZATIONS

American Academy of Audiology – Fellow

American Board of Audiology

PROFESSIONAL PRESENTATIONS

National

The Effect of Instantaneous Input Dynamic Range (IIDR) on the Speech Perception of Children with the Nucleus 24 Implant. Davidson L., Fears B., **Holstad B.A.**, Richter M., Matusofsky M., Skinner M., Brenner C., Birath A., and Kettel J., Conference on Implantable Auditory Prostheses, Lake Tahoe, CA, July 15-20, 2007. (Poster)

Does Unilateral Acoustic Hearing Maintain the Contralateral Deaf Ear for Successful Cochlear Implantation. Firszt J.B., Reeder R.M., Holden L.G., Potts L.G., **Holstad B.A.**, Sonneveldt V.G., Fears B., Cadieux J.H., Davidson L.S., Skinner M.W., Ryugo D.K., 11th International Conference on Cochlear Implants in Children, Charlotte, NC, April 11-14, 2007. (Oral Session)

The Effect of Instantaneous Input Dynamic Range (IIDR) on the Speech Perception of Children with the Nucleus 24 Implant. Davidson L., Fears B., **Holstad B.A.**, Richter M., Matusofsky M., Skinner M., Brenner C., Birath A., and Kettel J., 11th International Conference on Cochlear Implants in Children, Charlotte, NC, April 11-14, 2007. (Oral Session)

NRT Stability and Correlation with Optimized MAPs in Children. **Holstad B.A.**, Sonneveldt V.G., Davidson L.S. 9th Symposium on Cochlear Implants in Children, Indianapolis, IN, May 2004. (Poster)

Performance Variability of Body Worn versus Ear Level Cochlear Implant Speech Processors. **Holstad B.A.**, Sonneveldt V.G., 8th Symposium on Cochlear Implants in Children, Washington D.C., March 2003. (Poster)

A Team Approach for Young Children with Cochlear Implants. **Holstad B.A.**, Brooks B.M., American Speech-Language-Hearing Association Conference, Atlanta, GA, November 2002.

Children with Cochlear Implants: MAPping the Road to Success. **Holstad B.A.**, Biedenstein J., American Speech-Language-Hearing Association Conference, New Orleans, LA, November 2001.

Congenital Auditory Neuropathy and Amplification: A Rehabilitation Model Using DPOAE Monitoring. **Holstad, B.A.**, Symposium on Hearing in Infants – Marion Downs Institute, Colorado Springs, CO, July 1998.

Congenital Auditory Neuropathy and Amplification: A Rehabilitation Model Using DPOAE Monitoring. **Holstad B.A.**, Rabbitt-Park K. Auditory Neuropathy Conference, Los Angeles, CA, July 1998. (Poster)

FM Systems: Beyond the Initial Investment. Davidson L.S, **Holstad B.A.**, American Speech-Language-Hearing Association Conference, Anaheim, CA, November 1993. (Poster)

Connected Discourse Tracking with Profoundly Hearing-Impaired Children. Davidson L.S., **Holstad B.A.**, American Speech-Language-Hearing Association Conference, San Antonio, CA, November 1992. (Poster)

Reassessment of the Role of the Educational Audiologist. Davidson L.S., **Holstad B.A.**, Alexander Graham Bell Association for the Deaf International Conference, San Diego, CA, June 1992 (Poster)

Reassessment of the Role of the Educational Audiologist. Davidson L.S., **Holstad B.A.**, American Speech-Language-Hearing Association Conference, Seattle, WA, November 1990

Regional

Cochlear Implants: Current Technology & Future Directions, **Holstad B.A.**, Presented to parents of children in Geers & Moog NIH study "Long-term Outcomes of Cochlear Implantation in Early Childhood". St. Louis, MO, July 24, 2008 and July 31, 2008

Bilaterals: Is Two Better Than One? How They Are Doing, **Holstad B.A.**, Moog Pediatric Cochlear Implant Programming Workshop, St. Louis, MO, January 25, 2008

Verification: Speech Perception Measures, **Holstad B.A.**, Moog Pediatric cochlear Implant Programming Workshop, St. Louis, MO, January 24, 2008

Device Similarities & Differences: Knowing the Details, **Holstad B.A.**, Moog Pediatric cochlear Implant Programming Workshop, St. Louis, MO, January 24, 2008

FM Systems: Plug & Go? Not Anymore. Use & Troubleshooting, **Holstad B.A.**, Moog Parent Lecture Series. St. Louis, MO, January 14, 2008

FM Systems: Plug & Go? Not Anymore. Use & Troubleshooting, **Holstad B.A.**, Presented to Moog Curriculum School Directors. St. Louis, MO, November 27, 2007

Cochlear Implants: Current Technology & Future Directions, **Holstad B.A.**, Presented to Moog Curriculum School Directors. St. Louis, MO, October 24, 2007

Cochlear Implants: Current Technology & Future Directions, **Holstad B.A.**, Presented to parents of children in Geers & Moog NIH study "Long-term Outcomes of Cochlear Implantation in Early Childhood". St. Louis, MO, July 26, 2007 and August 2, 2007

FM Systems: Making the Correct Choice, **Holstad B.A.**, Moog Parent Lecture Series, St. Louis, MO, April 17, 2007

Speech Perception: Measuring Progress in Auditory Skill Development, **Holstad B.A.**, Moog Pediatric Audiologist Workshop, St. Louis, MO, January 26, 2007

What Do They Hear? The Value of Speech Perception Testing, **Holstad B.A.**, Moog Pediatric Audiologist Workshop, St. Louis, MO, January 26, 2007

Adjustments That Make Sense: Using Scores, Teacher, Therapist and parent Reports to Guide MAP Adjustments, **Holstad B.A.**, Moog Pediatric Audiologist Workshop, St. Louis, MO, January 25, 2007

Cochlear Implants: Current Technology & Future Directions. **Holstad B.A.**, Presented to parents of children in Geers & Moog NIH study "Long-term Outcomes of Cochlear Implantation in Early Childhood". St. Louis, MO, July 27, 2006 and August 3, 2006

Devices for the Hearing Impaired-Understanding Today's Technology. **Holstad B.A.**, Wentzville School District Speech Language Pathologists, Wentzville, MO, April, 2006

Devices for the Hearing Impaired-Understanding Today's Technology. **Holstad B.A.**, Wentzville School District Deaf Educators, Wentzville, MO, March, 2006

Assessing Auditory Abilities: What do we hear and how does it help?, **Holstad B.A.**, Moog J.S., Moog Curriculum Schools Consortium, St. Louis, MO, June, 2005

Congenital Auditory Neuropathy and Amplification: A Rehabilitation Model Using DPOAE Monitoring, Rabbitt-Park K., **Holstad B.A.** Missouri Speech, Language, Hearing Association Conference, St. Louis, MO, March, 1999

Cochlear Implants and Auditory Training for Children and Youth. **Holstad B.A.**, State of New Jersey, Department of Educational Programs for the Deaf/Hard of Hearing, Summit Speech School, Providence, RI, Summer, 1997

Understanding Your Child's Hearing Loss. **Holstad B.A.**, The Moog Center for Deaf Education Annual Summer Workshop for Parents, St. Louis, MO, 1997-2003

Understanding Mainstream Devices for the Hearing Impaired Child, **Holstad B.A.**, The Moog Center for Deaf Education Annual Mainstream Seminar for Teachers and Professionals, St. Louis, MO, 1997-2005

Understanding Your Child's Audiologic Needs in the Mainstream. **Holstad B.A.**, The Moog Center for Deaf Education, Parents as Advocates for their Mainstream Child, St. Louis, MO, 1996-2004

Cochlear Implants in Children: Rehabilitative Techniques, Davidson L.S., **Holstad B.A.**, Central Institute for the Deaf Spring/Summer Institutes, St. Louis, MO, 1993-1996

Reassessment of the Role of the Educational Audiologist. Davidson L.S., **Holstad, B.A.**, Missouri Speech and Hearing Association Conference, St. Louis, MO, April 1990

PUBLICATIONS /MANUSCRIPTS

Davidson L.S., Skinner M.W., **Holstad B.A.**, Fears B.T., Richter M.K., Matusofsky M., Brenner C., Holden T., Birath A.L., Kettel J.L., Scollie, S., The Effect of Instantaneous Input Dynamic Range Setting on the Speech Perception of Children with the Nucleus 24 Implant, Ear and Hearing, In Press

Holstad B.A., Sonneveldt V.G., Fears B.T., Davidson L.S., Aaron R.J., Richter M., Matusofsky M., Brenner C.A., Strube M., Skinner M.W., Comparison of Electrically Evoked Compound Action Potentials Measured Using Neural Response Telemetry with Well-Fit Cochlear Implant Program T- and C-Levels in Children, *Ear and Hearing*, February 2009, Volume 30, Issue 1

Holstad B.A., Aaron R., Sonneveldt, V.G., Advances in FM Technology and Customized Fitting Protocols Mean Better Listening in Noise for Children with Cochlear Implants, *NECCI News*, Volume 13, No. 2, Winter 2003

Holstad B.A., Regenerative capabilities of the rat seventh nerve using suture and collagen splint techniques: a comparative study, WUSM Program in Audiology and Communication Sciences Independent Studies and Capstone Collection -1989, Available at: <http://hdl.handle.net/1838/275>

Tyler, R.S., **Holstad B.A.**, A Closed-Set Speech Perception Test for Hearing-Impaired Children (IOWA). University of Iowa, Iowa City, IA. 1987

ADVANCED TRAINING

2006-present Med EL Cochlear Implant Advanced Training Workshop

1992-present Cochlear Corporation Advanced Training Workshops

1996-present Advanced Bionics Advanced Training Workshops

1996-present Widex, Phonak, Siemens, Unitron, Oticon, ReSound, Hearing Aid / FM Training Workshops

PROFESSIONAL SERVICE

2008 American Academy of Audiology Continuing Education Coordinator, Moog Pediatric Cochlear Implant Programming Workshop, St. Louis, MO, January 24 & 25.

2007 American Academy of Audiology Continuing Education Coordinator, Moog Pediatric Audiologist Workshop, St. Louis, MO, January 25 & 26.

2005 American Academy of Audiology Continuing Education Coordinator, Conference on Implantable Auditory Prosthesis, Asilomar Conference Center, Pacific Grove, CA,