CURRICULUM VITAE

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Tammy L. Fredrickson

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**EDUCATIONAL BACKGROUND**

2010 Ph.D., Speech, Language & Hearing Science; University of Colorado, Boulder

1998 M.S., University of Wisconsin at Stevens Point; Audiology

1996 B.S., University of Wisconsin at Stevens Point; Communicative Disorders

**CERTIFICATION**

Certificate of Clinical Competence in Audiology -- the American Speech-Language-Hearing Association

**PROFESSIONAL EXPERIENCE**

2010 – current Interim Coordinator of Clinical Audiology Education, University of Colorado at Boulder, Boulder, CO

Responsibilities: coordinate Doctorate of Audiology students’ clinical practicum experiences/rotations; communicate and visit offsite clinics and supervisors; develop/maintain clinical packets/evaluations for students and supervisors; meet with students regularly to review clinical progress

2009 – current Audiologist, University of Colorado Hospital, Boulder, CO

Clinical Instructor, Department of Otolaryngology, University of Colorado Denver, School of Medicine

Responsibilities: diagnostic audiology – including all populations; hearing aid fitting, repairs, and modifications as needed; auditory processing assessment; supervise Doctorate of Audiology students during their clinical practicum

2007 - 2009 Audiologist, Boulder Medical Center, Boulder, CO

Responsibilities: diagnostic audiology – including all populations; private patients as well as those seeing ENT; hearing aid fitting, repairs, and modifications as needed; review and generate annual budget for audiology department; review and rectify invoices from manufacturers and direct to appropriate audiology budget account for accounting department; supervise audiology graduate students as needed

2005 – 2007 PRN Audiologist, Boulder Medical Center, Boulder, CO

Responsibilities: diagnostic audiology – including all populations; private patients as well as those seeing ENT; hearing aid repairs and modifications as needed

2003 Contract Audiologist, Grason-Stadler, Inc (GSI), Madison, WI

Responsibilities: travel to train sales staff in use and troubleshooting of a newborn hearing screening device capable of ABR and OAE testing; travel to train nursery employees in use and troubleshooting of newborn hearing screening device and troubleshooting; attend trade shows to display and demonstrate newborn hearing screening device to attendees; statistical analysis of data collected for research purposes

2001 – 2002 Research Audiologist, Everest BioMedical Instruments, St. Louis, MO

Responsibilities: organization/implementation of research protocols for a handheld ABR/OAE screening device

1998 – 2002 Pediatric Audiologist, St. Louis Children’s Hospital, St. Louis, MO

Responsibilities: comprehensive diagnostic audiology including ABR, OAE, and behavioral testing of children – newborn through 21; NICU hearing screening and diagnostic testing; fitting of amplification – newborn through 21; ototoxicity monitoring; patient and family counseling; research as time permits

**PROFESSIONAL MEMBERSHIPS**

American Speech-Language-Hearing Association

American Academy of Audiology

**SERVICE**

2010, 2009, 2008 9Health Fair – Provide hearing screenings as part of the 9Health Fair, which is offered yearly with a mission to “promote health awareness and to encourage individuals to assume responsibility for their health”.

2011, 2008, 2007 Benxi, China – Procure supplies and equipment for audiology mission trip to test hearing and fit amplification for children; during the 3 day clinics, the audiology group fits approximately 160 hearing aids and sees over 200 children

2005, 2003 Mante, Mexico -- Procure supplies and equipment for annual medical mission trip to test hearing and fit amplification for children and adults; during 6 day clinic, the audiology group tests hearing of 300-400 people and fits approximately 200 hearing aids

**PRESENTATIONS**

2009 “Visual Reinforcement Infant Speech Discrimination: A Tool for Assessing Infant Speech Perception”; instructional session presented at Western Regional Early Intervention Conference, Colorado Springs, CO April 2009

2007 “Visual Reinforcement Infant Speech Discrimination: A Tool for Assessing Infant Speech Perception”; poster presented at A Sound Foundation through Early Amplification sponsored by Phonak, Chicago, IL December 2007

“Tots to Teens and Beyond: Auditory Development”; instructional session presented at American Academy of Audiology national convention, Denver, CO April 2007

2006 “Infant Speech Discrimination and Hearing Loss”; instructional session presented at American Academy of Audiology national convention, Minneapolis, MN April 2006

“VRISD: Visual Reinforcement Infant Speech Discrimination”; presented at Ultimate Colorado Mid-Winter Meeting, Vail, CO January 2006

2005 “A Tool for Assessing Infant Speech Perception: VRISD”; presented at Frontiers in Hearing: Emerging Practices, Breckenridge, CO July 2005

“A Tool for Assessing Infant Speech Perception: VRISD”; instructional session presented at American Academy of Audiology national convention, Washington, D.C. April 2005

2004 “Supervising Your Peers or Co-Workers”; presented at University of Colorado Boulder Graduate Teacher Program Special Workshop Series, October 2004

“Dealing with Problems I”; presented at University of Colorado Boulder Graduate Teacher Program Fall Intensive, August 2004

1999 “Dichotic Chord Identification By Music and non-Music Students”; poster presentation at American Academy of Audiology conference

1997 “Effect of Reinforcement on Central Auditory Processing Tasks”; poster presentation at Wisconsin Speech-Language-Hearing Association

**TEACHING EXPERIENCE – instructor of record**

Spring 2011 SLHS 6514 – Professional Issues in Audiology

Fall 2010 SLHS 6504 – Professional Ethics in Audiology

Spring 2004 SLHS 1010 - Disabilities in Contemporary American Society

Fall 2003 SLHS 1010 - Disabilities in Contemporary American Society

Spring 2003 SLHS 1010 – Disabilities in Contemporary American Society

Fall 2002 SLHS 4704 – Audiological Assessment

2004 “Best Should Teach” award – University of Colorado Boulder; in recognition of excellence in teaching and academic leadership

**RESEARCH**

2002–current VRISD – Visual Reinforcement Infant Speech Discrimination (University of Colorado)

* + - Overall Goal: Develop an effective, reliable technique for assessing speech perception in infants and toddlers with normal hearing and with hearing loss for use in both research and clinic.
    - Uses/Benefits:
      * Learn more about the auditory and linguistic development of infants with hearing loss and how it may or may not differ from infants without hearing loss
      * Improve hearing aid and cochlear implant technology for infants
      * Assess and improve habilitation (i.e., therapy) techniques for infants with hearing loss
      * Learn more about the psychoacoustic/neurological properties of hard of hearing babies’ auditory systems
      * Improve and individualize the fitting/programming of hearing aids through speech discrimination testing of infants in the clinic
      * Help assess cochlear implant candidacy in infants
      * Assist in adjustment of cochlear implant maps
      * Monitor therapy progress of individual infants

2001 – 2002 Newborn Hearing Screening (St. Louis Children’s Hospital)

* + - Recruit subjects
    - Train other research personnel in use of device
    - Test subjects
    - Develop data tracking forms
    - Statistical analysis of data

2001 Otoreflectance (St. Louis Children’s Hospital)

* Work with Welch-Allen to investigate otoreflectance and middle ear infections

1996-1998 Central Auditory Processing (University of Wisconsin – Stevens Point)

* Investigate central auditory processing abilities in normal hearing adults
* Collect normative data on elderly adults
* Explore hypothesized impact of musical ability on performance of perception of dichotic chords task