

Kristin K. Sommerfeldt Au.D.
Assistant Clinical Professor
Speech Language Hearing Sciences krso2856@colorado.edu

Education:

University of Florida, Gainesville, Florida
Lamar University, Beaumont, Texas
University of Colorado, Boulder, Colorado

Doctorate in Audiology (AuD) 2005
Master of Science (MS) in Audiology 1997
Bachelor of Arts (BA) in Communication Disorders 1995

Work Experience:

University of Colorado Speech Language Hearing Sciences

Scholar in Residence

August 2015-August 2016

Clinical Assistant Professor

August 2016-present

Clinical Teaching:

- Provide audiological services to patients while precepting 1st and 2nd year AuD students as they work with patients in University of Colorado Hospital's Boulder Health Center
- Create opportunities for clinical learning for both graduate and undergraduate students
- Established hearing conservation program in conjunction with school of music
- Established testing program for students enrolled in SLHS 3106 and revised protocol for SLHS 2000 and 4704 students in conjunction with graduate students in SLHS 5918
- Coordinate pediatric evaluation program with Child Learning Center at SLHS

Classroom Teaching

Courses taught:

SLHS 2000 Introduction to Communication Disorders
SLHS 4704 Audiological Evaluation
SLHS 5918* Audiology Clinical Practicum Lab
SLHS 6000* Problem in Speech Language and Hearing Sciences: Birth to Six (3 credits)
SLHS 6544 Auditory Processes: Adult Assessment
SLHS 6554* Auditory Processes: Child Assessment (and Maymester)
SLHS 6614 Fundamentals of Amplification
SLHS 6650 Counseling and Professional Ethics
SLHS 6660 Multicultural Issues in SLHS and Communication Theory
SLHS 7530 Auditory Processes: Theory and Application in the School Environment
SLHS 7714 Advanced Topics in Amplification
SLHS 7640* Communication Processes and Hearing Loss: Birth through Six

*indicates a course re-write, creation, or alteration of content, dependent upon semester.

Service:

- Develop and administer clinical practical examinations
- Serve on audiology faculty committee for the graduate program in audiology
- Collaborate in development of written comprehensive and preliminary exams
- Evaluate oral and written adult and pediatric exams for comprehensive and preliminary exams
- Evaluate fourth year Oral defense.
- Admission committee (2015-2018)
- Establish wellness program for music students as part of a wellness program
- Established community service and clinical learning opportunity with a private school in Arvada
- Develop and manage clinical outreach in China 2006, 2008, 2010, 2015 and 2019 through cooperative with Marion Downs,
- Present and educate local audiology and early intervention teams in Vietnam 2018 through Global Foundation for Children with Hearing Loss.

Educational Audiologist, Denver Public Schools

August 2007-2016

- Manage a caseload of Deaf and Hard-of-Hearing students attending Denver Public Schools including those with cochlear implants, hearing aids and special needs.
- Oversee audiologic needs for a total communication integrated program.
- Create and implement individual educational plans for Deaf and Hard-of-Hearing students
- Perform diagnostic and educational evaluations for children 0-21 years of age
- Serve on the Deaf and Hard-of-Hearing leadership committee
- Supervise doctoral students

Clinical Audiologist, Exempla Hospital System

May 2000-July 2007

- Administrate Infant Hearing Screening Program
- Perform diagnostic hearing and balance testing for pediatric and adult populations
- Manage hearing aid and adaptive equipment program
- Act as Team Lead for Joint Commission
- Supervise doctoral and undergraduate students
- Developed new audiology program and protocols for Exempla Good Samaritan Hospital
- Created specialty group for vestibular and electrophysiologic diagnostics

Clinical Audiologist, Kaiser Permanente

May 2000-2006

Clinical Audiologist, Southeast Texas Ear, Nose, and Throat

June 1998-February 2000

- Support for a five-physician practice.
- Diagnostic hearing evaluations for physician support
- Hearing aid dispensing and repair
- Supervision of graduate students

Peer-Reviewed Publication

Kates, J. M., Arehart, K. H., Muralimanohar, R. K. and Sommerfeldt, K. K. (2018). *Externalization of remote microphone signals using a structural binaural model of the head and pinna*. The Journal of the Acoustical Society of America 143, 2666; <https://doi.org/10.1121/1.5032326>

Peer reviewer for Ear and Hearing: focus on International Audiology

Bonino, A. Y., Hemann, A., Mood, D., Kay, E., Pancoast, E. S., & Sommerfeldt, K. K. (2021). Visual Reinforcers Designed for Children with Developmental Disabilities. *Journal of early hearing detection and intervention*, 6(1), 69–76. <https://doi.org/10.26077/b0fc-4c2d>

Board and Committee Memberships:

- President-Elect Colorado Academy of Audiology (2022)
- EHDI Screening Task Force 2020-present
- EHDI Diagnostic Task Force 2021-present
- President-Elect Colorado Academy of Audiology for year 2022
- President of Colorado Academy of Audiology for year 2023
- Past-president of Colorado Academy of Audiology for year 2024
- CAA planning committee 2021 Conference
- Colorado Alliance reporting for task forces 2020-present
- Board member Colorado Alliance 2022-present

Mentorship of Student Clinical Research Projects

Capstone Chair: “Characterizing Variability for Fitting Individuals with Significant Asymmetry”

Capstone Project Co-Advisor: “Audiology and Hearing Healthcare Professionals in Developing Countries”

LEND Project Consultant: "Using Visual Activity Schedules and Video Models to Facilitate Audiological Testing for Children with Autism"

Capstone Project: Co-advisor: "Simulation-Based Learning in Audiology Training Programs"

Student Presentation at Colorado Academy of Audiology Conference Breckenridge 2019: Advisor "Back to Basics: Real-Ear Verification"

Lend Project Co-chair-Development of materials for Virtual Site Visits for the State of Colorado EHDI program.

Presentations

Domestic:

2021: Sommerfeldt, K (October) "EHDI panel presentation"

2019: Sommerfeldt, K and Durkin, K (October) "Global Experiences, Lessons Learned and Plans for the Future" presentation at Colorado Academy of Audiology, Vail, CO

2016: Sommerfeldt, K (October) "International Audiology; invited presentation at Colorado Academy of Audiology, Blackhawk, CO

International:

China 2019: Coordinated Audiology Lectures for FCEI conference in LanZhou, China
"Electroacoustic Evaluation and Fitting Amplification"

Vietnam August 2018: Vietnam National Children's Hospital
"Hearing Aid Verification Using Probe-Microphone Measures"
"Newborn Hearing Screening Protocol and Considerations"
"Audiology for Therapists"

Other Qualifications:

- Undocumented Student Ally Training 2019
- Current DORA, CDE license in audiology, CCC-A certification
- Certificate holder for Audiology Precepting (CH-AP)
- Proficient in American Sign Language and Russian Spoken Language