

Hannah Glick, AuD, PhD, CCC-A

Department of Speech, Language, & Hearing Science
University of Colorado Boulder
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Boulder, CO 80309
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EDUCATION

Doctor of Philosophy (PhD) 2013—2019
Combined Triple PhD in Speech, Language & Hearing Science;
Cognitive Science; Neuroscience
Advisor: Dr. Anu Sharma, PhD
University of Colorado, Boulder, CO

- Dissertation: Neurocognitive Function in Age-Related Hearing Loss: Effects of Early Treatment with Hearing Aids

Doctor of Audiology (AuD) 2012—2017
Clinical Doctorate in Audiology
University of Colorado, Boulder, CO

- Capstone: Clinical Relevance of the P1 Cortical Auditory Evoked Potential (P1 CAEP) Biomarker in Hearing Impaired Children with Multiple Disabilities

Bachelor of Arts (BA) 2010—2012
Speech, Language, & Hearing Science
University of Colorado, Boulder, CO

CLINICAL LICENSURE & CERTIFICATIONS

Licensure in Audiology 2017—Present
State of Colorado

Certificate of Clinical Competence in Audiology (CCC-A) 2017—Present
American Speech-Language-Hearing Association (ASHA)

PROFESSIONAL EXPERIENCE

Teaching Assistant Professor & Clinical Preceptor 2022—Present
University of Colorado, Boulder, CO
Department of Speech, Language, & Hearing Science

Contract Audiologist 2020—Present
Colorado Early Hearing Detection & Intervention (CO EHDI)

State of Colorado, Denver, CO

Affiliate Professor 2020—Present
Metropolitan State University of Denver, Denver, CO
Department of Speech, Language, & Hearing Science

Lecturer & Clinical Preceptor 2020—Present
University of Colorado, Boulder, CO
Department of Speech, Language, & Hearing Science

Product Development Research Audiologist 2019—2020
Sonova (Medical device company)
Valencia, CA

Laboratory Manager 2017—2020
Brain & Behavior Laboratory
Principal Investigator: Dr. Anu Sharma, PhD
Department of Speech, Language, & Hearing Science
University of Colorado, Boulder, CO

Laboratory Instructor 2017—2019
University of Colorado, Boulder, CO
Department of Speech, Language, & Hearing Science

Lead Graduate Teacher 2017—2019
Center for Teaching & Learning
University of Colorado, Boulder, CO
Department of Speech, Language, & Hearing Science

PhD Candidate / Graduate Research Assistant 2013—2020
Brain & Behavior Laboratory
Principal Investigator: Anu Sharma, PhD
Department of Speech, Language, & Hearing Science
Department of Neuroscience
Institute of Cognitive Science
University of Colorado, Boulder, CO

Graduate Teaching Assistant 2012—2019
University of Colorado, Boulder, CO
Department of Speech, Language, & Hearing Science

Pre-Doctoral Research Trainee (NIH/NIDCD T32) 2014—2016
Anschutz Medical Campus University of Colorado Denver, Aurora, CO
Department of Otolaryngology

Undergraduate Research Assistant 2011—2012
CU Language Project
Principal Investigator: Dr. Eliana Colunga, PhD
Department of Psychology & Neuroscience

University of Colorado, Boulder, CO

CLINICAL EXPERIENCE

Audiology 4th Year Resident/Extern Denver Ear Associates (Neurotology private practice) Denver, CO	2016—2017
Audiology Intern Marion Down's Center (Non-profit clinic) Denver, CO	2016
Audiology Intern Cochlear Americas (Cochlear implant company) Denver, CO	2015
Audiology Intern UC-Health Hospital in Aurora, CO Satellite clinic in Boulder, CO	2012—2014

AWARDS & HONORS

R. Steven Ackley Educators Award Colorado Academy of Audiology	2022
Teacher of the Year Award Nominated by undergraduate students in the Department of Speech, Language, & Hearing Science University of Colorado, Boulder, CO	2022
Marinus Smith Award for Teaching & Mentorship University of Colorado, Boulder, CO	2022
Teacher of the Year Award Nominated by undergraduate students in the Department of Speech, Language, & Hearing Science University of Colorado, Boulder, CO	2021
National Finalist National 3 Minute Thesis Competition Nashville, TN	2020
1st Place Award Western Regional 3 Minute Thesis Competition Tucson, Az	2020

1st Place Award & People's Choice Award University of Colorado 3 Minute Thesis Competition University of Colorado, Boulder, CO	2019
Best Should Teach Silver Award Center for Teaching & Learning University of Colorado, Boulder, CO	2018
Editor's Pick: Top 25 Feature Articles in 2018 Hearing Review	2018
Best Should Teach Silver Award Center for Teaching & Learning University of Colorado, Boulder, CO	2017
Exceptional Audiology Student Recognition (EAR) Award Center for Teaching & Learning University of Colorado, Boulder, CO	2017

RESEARCH GRANTS

Hearing Industry Research Consortium

Title: Cross-modal re-organization and auditory-visual processing in amplification use

- Role: Co-Investigator/Research Assistant (Co-Investigator: Dr. Anu Sharma)
- Total amount: \$139,411
- Grant Objectives: 1) To examine cross-modal neuroplasticity in adults with untreated mild-moderate sensorineural hearing loss compared to age-matched normal hearing adults, and 2) to examine the effects of treatment with hearing aids on cross-modal neuroplasticity.

NIH/NIDCD (Grant number: 1U01DC013529)

Title: Effectiveness of therapy via telemedicine following cochlear implants (TACIT)

- Role: Research Assistant (Principal Investigators: Dr. Anu Sharma, Dr. Jim Grigsby)
- Total amount: \$3,605,839
- Grant Objectives: 1) To compare language outcomes following 6 months of aural rehabilitation/auditory verbal therapy delivered in-person vs. through telemedicine in children with hearing aids and cochlear implants, and 2) to compare auditory cortical auditory maturation following 6 months of aural rehabilitation/auditory verbal therapy delivered in-person vs. through telemedicine in children with hearing aids and cochlear implants.

NIH/NIDCD (Grant Number: 5T32DC012280)

Title: Institutional Training in Otolaryngology Research

- Role: Pre-Doctoral Research Trainee (Principal Investigators: Dr. Sue Kinnamon, Dr. Herman Jenkins)
- Total amount: 2-year salary stipend, tuition, and travel

- Project Objectives: To evaluate auditory, visual, and somatosensory cortical neuroplasticity in adults and children with single-sided deafness before and after treatment with cochlear implants.

University of Colorado Institute of Cognitive Science

Title: Virtual assessment of audio-visual speech perception in hearing impaired listeners

- Role: Co-Investigator (Co-Investigator Lauren Durkee, AuD; Research Mentors Dr. Anu Sharma and Dr. Sarel Van Vuuren)
- Total amount: \$5,000
- Grant Objectives: To evaluate the feasibility of assessing auditory-visual speech perception in noise in normal hearing and hearing impaired listeners using a cloud-based web and mobile system delivered by a virtual therapist.

Undergraduate Research Opportunity Award (UROP)

Title: Language and cognitive development in early-talking and late-talking children

- Role: Undergraduate Research Trainee (Research Mentor: Dr. Eliana Colunga)
- Total amount: \$4,500
- Project Objectives: To compare language development longitudinally in a group of early-talking vs. late-talking children.

RESEARCH MENTORING EXPERIENCE

AuD Capstone Project Mentoring

University of Colorado, Boulder, CO

- Supervised, trained, and mentored AuD students and undergraduate students in a laboratory setting. These students were paid hourly as graduate or undergraduate research assistants and were working on undergraduate research/thesis projects or graduate research/Capstone projects.
 - AuD Students: Nina Harris, Jamie Falcone, Vanessa Olivares, Carly Schimmel, Janine Wilson
 - Undergraduate Students: Theresa Hennessy, Lindsay Palumbo

Leadership Education in Neurodevelopmental and related Disabilities (LEND) Mentoring

University of Colorado, Aurora, CO

- Supervised, trained, and mentored AuD students working on LEND projects with the Colorado Early Hearing Detection & Intervention (CO EHDI) Program
 - AuD Students: Hannah Wilson, Katie Lohr, Madison Romero

PUBLICATIONS

1. Hennessy, T., Cardon, G., Campbell, J., **Glick, H.**, Bell-Souder, D., Sharma, A. (2022). Cross-modal reorganization from both visual and somatosensory modalities in cochlear implanted children and its relationship to speech perception. *Otology & Neurotology*, 43(8): e872-e879. DOI: 10.1097/MAO.0000000000003619

2. Attias, J., HabibAllah, S., Tarigoppula, V. S. A., **Glick, H.**, Chen C., Kanthaiah, K., Litvak, L. (2022). Cortical auditory evoked potentials recorded directly through the cochlear implant in cochlear implant recipients: A feasibility study. *Ear & Hearing*. DOI: 10.1097/AUD.0000000000001212
3. **Glick, H.** Sharma, A. (2020). Cortical neuroplasticity and cognitive function in early-stage, mild-moderate hearing loss: Evidence of neurocognitive benefit from hearing aid use. *Frontiers in Neuroscience*. DOI: 10.3389/fnins.2020.00093
4. **Glick, H.** Sharma, A. (2019). The ear-brain connection: Understanding neuroplasticity to improve outcomes in age-related hearing loss. *American Speech-Language Hearing Association Asian Indian Caucus Newsletter*.
5. **Glick, H.**, Sharma, A. (2018). Cortical neuroplasticity in hearing loss: Why it matters in clinical decision-making for children and adults. *Hearing Review*.
6. **Glick, H.**, Sharma, A. (2018). Cross-modal plasticity in developmental and age-related hearing loss: Clinical implications. *Hearing Research*, 343, 191-201. DOI: 10.1016/j.heares.2016.08.012.
7. McKnight, R. J., Cardon, G., **Glick, H.**, Sharma, A. (2018). Effects of stimulus rate on auditory brainstem response in auditory neuropathy spectrum disorder. *Hearing, Balance, & Communication*, 16(1), 1-12. DOI: 10.1080/21695717.2017.1418803.
8. Sharma, A., **Glick, H.**, Campbell, J., Torres, J., Dorman, M., Zeitler, D. M. (2016). Cortical plasticity and reorganization in pediatric single-sided deafness pre- and post- cochlear implantation: A case study. *Otology & Neurotology*, 37(2), e26-34. DOI: 10.1097/MAO.0000000000000904.
9. Sharma, A., **Glick, H.** (2016). Cross-modal re-organization in clinical populations with hearing loss. *Brain Sciences*, 6(1). DOI: 10.3390/brainsci6010004.
10. Sharma, A., **Glick, H.**, Deeves, E., Duncan, E. (2016). The P1 biomarker for assessing cortical maturation in pediatric hearing loss: A review. *Otorinolaryngologia*, 65(4), 103-14.
11. Sharma, A., **Glick, H.**, Campbell, J., Biever, A. (2013). Central auditory development and plasticity in children with hearing loss: Clinical relevance of the P1 CAEP biomarker in hearing-impaired children and children with multiple disabilities. *Hearing, Balance, & Communication*, 11(3). DOI: 10.3109/21695717.2013.812378.
12. Sharma, A., **Glick, H.**, Durkee, L. (2013). Cortical plasticity and reorganization in hearing loss. *Proceedings from the 2013 International Symposium on Auditory and Audiological Research (ISSAR)*, Copenhagen, Denmark.

BOOK CHAPTERS

1. Sharma, A., **Glick, H.** (2020). Neural plasticity in otology. In P.W. Flint, B. H. Haughey, V.J. Lund, K.T. Robbins, J.R. Thomas, M.M. Lesperance, and H.W. Francis (Eds.), *Cummings Otolaryngology: 7th Edition*. Elsevier.
2. Lomber, S. G., Butler, B. E., Sharma, A., **Glick, H.** (2020). Cross-modal neuroplasticity in deafness: Evidence from animal models and clinical populations. In K. Sathian & V.S. Ramachandran (Eds.), *Multisensory Perception: From Laboratory to Clinic*. Elsevier.
3. Sharma, A., **Glick, H.** (2019). Cortical development and neuroplasticity in deafness. In V. Diamante & N. Pallares (Eds.), *Cochlear Implants*. Edimed.

SCIENTIFIC POSTER PRESENTATIONS

1. Wilson, H., Lohr, K., Stredler-Brown, K., **Glick, H.**, Sommerfeldt, K., Fries, J. (Accepted 2023, March). A Systematic Review of Colorado Newborn Hearing Screening Programs. Colorado Early Hearing Detection & Intervention Conference, Cincinnati, OH.
2. Wilson, H., Sommerfeldt, K., Stredler-Brown, K., **Glick, H.**, Fries, J. (2022, October). A Systematic Review of Colorado Newborn Hearing Screening Programs. Colorado Academy of Audiology Conference, Vail, CO.
3. Hennesy, T. B., Cardon, G., Campbell, J., **Glick, H.**, Bell-Souder, D., Sharma, A. (2021, May). Visual and Somatosensory Cross-Modal Reorganization in Children with Cochlear Implants. Colorado Clinical Translational Sciences Institute Virtual Pediatric Research Poster Session, Aurora, CO.
4. Schimmel, C., **Glick, H.**, Bell-Souder, D., Sharma, A. (2020, April). Brain changes in mild-moderate hearing loss after hearing aid use. American Academy of Audiology Conference, New Orleans, LA. **James and Susan Jerger Award for Excellence in Student Research.**
5. Schimmel, C., **Glick, H.**, Bell-Souder, D., and Sharma, A. (2020, November). Brain changes in mild-moderate hearing loss after hearing aid use. American Speech Language Hearing Association Convention, Virtual. **Meritorious poster designation.**
6. Olivares, V., **Glick, H.**, Sharma, A. (2019, March). Relationship between speech perception in noise, cognition, and social-emotional status in age-related hearing loss. American Academy of Audiology Convention, Columbus, OH. James and Susan Jerger Award for Excellence in Student Research.
7. Schimmel, C., **Glick, H.**, Bell-Souder, D., Olivares, V., Sharma, A. (2019, October). Examining Listening Effort and Cognition in Adults with Mild-Moderate Hearing loss using Spectral Analysis of EEG. Colorado Academy of Audiology Convention, Breckenridge. **First place poster award.**
8. Harris, N., Falcone, J., **Glick, H.**, Schimmel C., Bell-Souder D., Brown A, Elder S, Cavanaugh J, Grigsby J and Sharma A (2019, October). Outcomes of Aural Habilitation Therapy for Children with Hearing Loss: Central Auditory Maturation and Global Language Development. Colorado Academy of Audiology Convention, Breckenridge, CO. **Second place poster award.**
9. Olivares, V., **Glick, H.**, Bell-Souder, D., Schimmel, C., Sharma, A. (2019, October). To Quick-SIN or not to Quick-SIN: cognition, listening effort, and depression in individuals with age-related hearing loss. Colorado Academy of Audiology Conference, Breckenridge, CO.
10. **Glick H.**, Palumbo, L., Sharma, A. (2018, November). Cortical Neuroplasticity in Adult Single-Sided Deafness: Effects of Cochlear Implantation. Colorado Academy of Audiology Conference. **First place poster award.**
11. Falcone, J., Harris, N., **Glick, H.**, Bell-Souder, D., Stredler-Brown, A., Cavanaugh, J., Grigsby, J. Sharma, A. 2018, October). Central Auditory Development and Language Outcomes in Children with Hearing Loss Receiving Aural Habilitation A Preliminary Study. Colorado Academy of Audiology Conference. **Second place poster award.**
12. **Glick, H.**, Falcone, J., Harris, N., Stredler-Brown, A., Grigsby, J. Sharma, A. (2018). Central Auditory Development and Language Outcomes in Children with hearing

- loss receiving Aural Habilitation. Early Hearing Detection and Intervention (EHDI) Conference, Denver, CO.
13. Duncan, E., **Glick, H.**, Benson, D, Deeves, E, Harris, N, Sharma, A. (2018, April). Neuroplasticity & Age-Related Hearing Loss. Poster presentation at the Annual American Academy of Audiology (AAA) Conference, Nashville, TN.
 14. Duncan, E., **Glick, H.**, Tyson, J., Deeves, E., Harris, N., Sharma, A. (2017, November). Neuroplasticity & Age-Related Hearing Loss. Poster presentation at the Annual American Speech-Language-Hearing Association (ASHA) Convention, Los Angeles, CA.
 15. Deeves, E., **Glick, H.**, Duncan, E., Harris, N., Sharma, A. (2017, November). Adding Visual Cues to Speech in Noise: Seeing How Patients Perform in the Real World. Poster presentation at the Annual American Speech-Language-Hearing Association (ASHA) Convention, Los Angeles, CA.
 16. Deeves, E., **Glick, H.**, Duncan, E., Harris, N., Sharma, A. (2017, November). Using the P1 Biomarker in Cases of Auditory Nerve Hypoplasia: A Brain-Based Method. Poster presentation at the Annual American Speech-Language-Hearing Association (ASHA) Convention, Los Angeles, CA.
 17. Duncan, E., Deeves, E., **Glick, H.**, Harris, N., Sharma A. (2017, October). Clinical Utility of the P1 CAEP Biomarker in Children with Cochlear Nerve Deficiency. Poster presentation at the Colorado Academy of Audiology (CAA), Denver, CO.
 18. Duncan, E., **Glick, H.**, Benson, D., Deeves, E., Harris, N., & Sharma A. (2017, October). Neuroplasticity & Age- Related Hearing Loss. Poster presentation at the Colorado Academy of Audiology (CAA), Denver, CO.
 19. Harris, N., **Glick, H.**, Duncan, E., Deeves, E., & Sharma A. (2017, October). A new test for measuring speech in noise perception with and without visual cues. Poster presentation at the Colorado Academy of Audiology (CAA), Denver, CO.
 20. Duncan, E., **Glick, H.**, Deeves, E., Harris, N., Sharma, A. (2016, November). Perceptual, Cognitive, and Social-emotional changes in adults with hearing loss. Poster presented at the Colorado Academy of Audiology research session, Denver, CO.
 21. Deeves, E., Harris, N., **Glick, H.**, Duncan, E., Sharma, A. (2016, November). Adding visual cues to speech in noise: Seeing how patients perform in the real world. Poster presented at the Colorado Academy of Audiology research session, Denver, CO.
 22. Deeves, E., **Glick, H.**, Sharma, A. (2016, March). A brain-based clinical measure for assisting in early intervention for children with auditory neuropathy spectrum disorder. Poster presented at the annual Early Hearing Detection and Intervention (EHDI) meeting, San Diego, CA.
 23. **Glick, H.**, Sharma, A., Campbell, J., Torres, J., Dorman, M., Zeitler, D. M. (2015, October). Cortical neuroplasticity in single-sided deafness. Annual Society for Neuroscience conference, Chicago, IL.
 24. Glick, H., Campbell, J., Sharma, A., Zeitler, D., Torres, J., Dorman, M. (2015, November). Cortical Neuroplasticity in Adults & Children With Single-Sided Deafness. American Speech Language Hearing Association Convention, Denver, CO. **Meritorious poster designation.**
 25. **Glick, H.**, Sharma, A. (2015, November). Brain Changes in Hearing Loss. American Speech Language Hearing Association Convention Denver, Denver, CO. **Meritorious poster designation.**

26. **Glick, H.**, Sharma, A., Van Vuuren, S. (2015, November). Virtual Assessment of Audio-Visual Speech Perception in Background Noise: American Speech Language Hearing Association Convention Denver, CO.
27. Durkee, L., **Glick, H.**, Sharma, A., Petersen, J. (2014, April) Sensory Gating in Hearing Loss. Poster presentation at annual Cognitive Neuroscience Society Conference, Boston, MA.
28. Durkee, L., **Glick, H.**, Campbell, J., Peterson, J., Sharma, A. (2015, April). Compensatory changes in cortical resource allocation and auditory sensory gating in early stage hearing loss. Poster session at the annual Cognitive Neuroscience Society meeting, Boston, MA.

ORAL PRESENTATIONS

1. Sommerfeldt, K., Stredler-Brown, K., **Glick, H.**, Fries, J., Wilson, H., Maynard, T., Doolittle, K. (2022, October). Systematic improvement process in infant hearing screening via the virtual site visit (VSV) project Colorado Academy of Audiology Conference, Vail, CO.
2. **Glick, H.** (2017). *Cross-modal re-organization in hearing loss*. T32 Seminar Series, University of Colorado Anschutz Medical Campus, Aurora, CO.
3. **Glick, H.** (2018). *Multifaceted approaches to providing healthcare guest panel*. GlobeMed, University of Colorado, Boulder, CO.
4. **Glick, H.** (2018). *Brain changes in single-sided deafness*. Department of Otolaryngology Research Day, University of Colorado Anschutz Medical Campus, Aurora, CO.
5. **Glick, H.** (2016). *Cortical Cross-modal re-organization in clinical populations with hearing loss*. T-32 Seminar Series, University of Colorado Anschutz Medical Campus, Aurora, CO.
6. **Glick, H.** (2015). *Cortical neuroplasticity in single-sided deafness before and after cochlear implantation*. Department of Otolaryngology Research Day, University of Colorado Anschutz Medical Campus, Aurora, CO.

PUBLIC SPEAKING / SCIENCE COMMUNICATION

1. Darrow, K., **Glick, H.** (2022). *All Things Good and Bad About the AuD*. The Dr. Keith Darrow Podcast.
2. Syms, M., **Glick, H.** (2022). *Socialization and cognitive function in hearing loss*. Listen Up! Podcast.
3. **Glick, H.** (2020). *Exploring all of your career options*. Center for Teaching and Learning Spring Conference, University of Colorado, Boulder, CO.
4. **Glick, H.** (2019). *Your brain on hearing aids*. National 3-Minute Thesis Competition, Nashville, TN. National Finalist.
5. **Glick, H.** (2019). *Your brain on hearing aids*. Western Graduate Regional 3-Minute Thesis Competition, Tucson, AZ. First Place Winner.
6. **Glick, H.** (2019). *Your brain on hearing aids*. 3-Minute Thesis Competition, University of Colorado, Boulder, CO. First Place Winner & People's Choice Award.
7. **Glick, H.** (2018). *Exploring alternate career paths*. Ignite Boulder, Boulder Theater, Boulder, CO.

8. **Glick, H.** (2018). *Can hearing aids fight dementia?* Ignite presentation, University of Colorado Graduate Teacher Program Spring Conference, Boulder, CO.
9. **Glick, H.,** Sharma, A. (2015). *Hearing loss and the brain.* Hearing Loss Association of America (HLAA), Denver Chapter, Denver, CO.

GRADUATE COURSES TAUGHT AT UNIVERSITY OF COLORADO

***Audiology Clinical Practicum (Level 1) (SLHS 5918)**

University of Colorado, Boulder, CO

- Mode/Format: In-Person
- Provides clinical training in the on-site Speech, Language and Hearing Center in skills including audiology identification, evaluation and management for adults and children with hearing loss.
- 8-14 1st year AuD graduate students per semester
- Semesters Taught: Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022

*Redesigned this course to incorporate use of audiology simulations for clinical education and training

***Auditory Processes: Neurodiagnostics (SLHS 6564)**

University of Colorado, Boulder, CO

- Mode/Format: In-Person
- Provides advanced study in the neural bases of hearing. Includes theoretical foundations and clinical assessment of neurological functioning in auditory systems with both normal and impaired function.
- 8-14 1st Year AuD graduate students per semester
- Semesters Taught: Spring 2021

*Redesigned this course

***Counseling and Multicultural Issues in SLHS (SLHS 6650)**

University of Colorado, Boulder, CO

- Mode/Forma: In-Person
- Explores counseling theories and techniques following the diagnosis of a communication disorder across the lifespan. Considers issues related to grieving and mourning, parenting, disability, cultural customs, attachment, and relationships. Covers professional ethics and ethical responsibilities.
- 16-28 2nd and 3rd year AuD graduate students per semester
- Semesters Taught: Spring 2020, Spring 2022

*Redesigned this course

***Seminars in Audiology: Advanced Topics (SLHS 7800)**

University of Colorado, Boulder, CO

- Mode/Format: In-Person and Hybrid (In-person/online)
- Explores advanced topics in the field of audiology as they relate to diagnosis and rehabilitation. Topics include novel clinical issues and topics including tinnitus, intra-operative neurophysiological monitoring, pharmacology and regenerative medicine in audiology, hyperacusis, misophonia, auditory processing disorder, and

teleaudiology. Discussion of evidence-based literature surrounding these topics is central to this seminar.

- 16-28 2nd and 3rd year AuD graduate students per semester
- Semesters Taught: Fall 2020, Fall 2022

*Redesigned this course

UNDERGRADUATE COURSES TAUGHT AT UNIVERSITY OF COLORADO

***Introduction to Communication Disorders (SLHS 2000)**

University of Colorado, Boulder, CO

- Mode/Format: In-Person
- Surveys communication disorders, including hearing impairments, learning disabilities, and speech-language disorders, as well as an introduction to basic speech and hearing science.
- 100-150 lower division undergraduate students per semester
- Semesters Taught: Fall 2021, Fall 2022

*Redesigned this course

Science of Human Communication (SLHS 2010)

University of Colorado, Boulder, CO

- Mode/Format: In-Person and Online (synchronous)
- Discusses how human communication (the process by which a thought is transmitted from the brain of a speaker to the brain of a listener) involves a complex interaction of acoustics, anatomy, physiology, neurobiology, and psychology.
- 60-120 lower division undergraduate students per semester
- Semesters Taught: Spring 2020

Hearing Science (SLHS 3106 and SLHS 3107-750)

University of Colorado, Boulder, CO

- Mode/Format: In-Person and Online (asynchronous)
- Focuses on the three main aspects of the hearing process: 1) Sounds in the environment (physical acoustics), 2) sounds encoded within the auditory system (physiological acoustics), and 3) perception of sound (psychological acoustics).
- 40-60 upper division undergraduate students per semester
- Semesters Taught: Fall 2020, Fall 2021, Spring 2022, Fall 2022

***Audiological Evaluation (SLHS 4704)**

University of Colorado, Boulder, CO

- Mode/Format: In-Person
- Studies basic principles and techniques of hearing evaluation, including pure-tone, speech, immittance, and advanced audiometry; hearing conservation in hospital, school, and industrial settings; and identification and evaluation of auditory pathologies. Required projects in screening and pure-tone audiometry.
- 40-60 upper division undergraduate students per semester
- Semesters Taught: Fall 2020

*Redesigned this course

***Audiological Rehabilitation (SLHS 4714)**

University of Colorado, Boulder, CO

- Mode/Format: Hybrid (In-Person/Online)
- Covers basic principles and techniques related to the habilitation and rehabilitation of individuals who are deaf or hard of hearing: amplification, speech, language, auditory, speech reading, and educational issues.
- 30-50 upper division undergraduate students per semester
- Semesters Taught: Fall 2022

*Redesigned this course

UNDERGRADUATE COURSES TAUGHT AT METROPOLITAN STATE UNIVERSITY OF DENVER

Introduction to Communication Science (SLHS 1500)

Metropolitan State University of Denver, Denver, CO

- Mode/Format: Online
- Introduces students to the science of communication across the lifespan, relationship of culture to communication, and the impact of communication disorders on individuals and families. Intervention and assessment options for speech, language, and hearing development are also explored.
- 20-30 lower division undergraduate students per semester
- Semesters Taught: Fall 2021

****Neural Bases of Communication and Its Disorders (SLHS 4530)**

Metropolitan State University of Denver, Denver, CO

- Mode/Format: Online
- Explores how the nervous system supports communication and how neurological impairments may disrupt communication. Incorporates current research on brain-based communication disorders.
- 15-30 upper division undergraduate students per semester
- Semesters Taught: Spring 2022

**Designed this new course

ENTREPRENEURIAL EXPERIENCE

Founder, Owner The HEARO Project, LLC (Audiology and research consulting agency) Louisville, CO	2020—Present
New Venture Start-Up Challenge University of Colorado, Boulder, CO	2020
Coursework in Entrepreneurship Leeds School of Business University of Colorado, Boulder, CO	2020
Business Planning Bootcamp	2019

Boulder Small Business Development Center, Boulder, CO

SCHOLARSHIPS

New Century Doctoral Scholarship National American Speech-Language-Hearing Association \$20,000	2017
Research Fellowship Award University of Colorado, Boulder, CO Department of Speech, Language, & Hearing Science \$15,000	2017
Travel Award University of Colorado, Boulder, CO Department of Speech, Language, & Hearing Science \$3,300	2017
Conference Registration & Travel American Cochlear Implant Alliance (ACIA)	2017
Summer Research Fellowship Award University of Colorado, Boulder, CO Department of Speech, Language, & Hearing Science \$6,800	2017
Vollintine Scholarship University of Colorado, Boulder, CO \$10,000	2016—2017
Summer Research Fellowship Award University of Colorado, Boulder, CO Department of Speech, Language, & Hearing Science \$2,290	2016
Painter Family Scholarship for Career in Teaching Bootstraps Scholarship Foundation \$9,000	2009

REVIEW WORK

Ad Hoc Reviewer Frontiers in Psychology	2021—Present
Ad Hoc Reviewer Frontiers in Neuroscience	2021—Present

Ad Hoc Reviewer 2020—Present
International Journal of Experimental, Clinical, Behavioral, &
Technical Gerontology

Ad Hoc Reviewer 2019—Present
Audiology & Neurotology

DEPARTMENTAL SERVICE

Online Teaching Committee 2022—Present
Department of Speech, Language, & Hearing Science
University of Colorado

Doctorate in Audiology Committee 2022—Present
Department of Speech, Language, & Hearing Science
University of Colorado

**Ad Hoc Clinical Faculty Appointment, Reappointment, &
Promotion Guidelines Committee** 2022—Present
Department of Speech, Language, & Hearing Science
University of Colorado

AuD Preliminary Exam Committee 2022—Present
Department of Speech, Language, & Hearing Science
University of Colorado

UNIVERSITY SERVICE

Professional Development Liaison 2018—2019
Peer2Peer Network
University of Colorado, Boulder, CO

Graduate Advisory Board Member 2014—2015
University of Colorado, Boulder, CO Department of Speech, Language,
& Hearing Science

PhD Subcommittee Member 2013—2014
American Academy of Audiology

Vice President 2013—2014
Student Academy of Audiology
University of Colorado, Boulder, CO

COMMUNITY & NATIONAL SERVICE

Scholarship Review Committee 2022—Present
American Speech-Language-Hearing Foundation (ASHFoundation)

Alliance Representative 2022—Present
Representing the University of Colorado
Colorado Early Hearing Detection & Intervention (CO EHDI)

Task Force Member 2020—Present
Newborn Hearing Screening Task Force
Colorado Early Hearing Detection & Intervention (CO EHDI)

CONTINUING EDUCATION IN TEACHING & CLINICAL PRECEPTING BEST PRACTICES

Certificates

Certificate Holder-Audiology Preceptor (CH-AP™) In Progress
American Academy of Audiology (AAA)

Other Continuing Education

- *Foundations of Clinical Education Courses - Modules 1-5*. (n.d.). Council of Academic Programs in Communication Sciences and Disorders (CAPCSO). <https://www.capcsd.org/elearning-courses/>. Description: This course focused on role of clinical education in graduate programs, with specific emphasis on the role of quality clinical instruction and clinical instructor/student relationships.
- *Effective Student-Clinical Educator Relationships - Modules 1-5*. (n.d.). Council of Academic Programs in Communication Sciences and Disorders (CAPCSO). <https://www.capcsd.org/elearning-courses/>. Description: This course focused on relationship dynamics between clinical educators and their students in graduate programs, with specific emphasis on fostering relationship skills as they pertain to clinical education.
- *Feedback in the Clinical Education Environment - Modules 1-5*. (n.d.). Council of Academic Programs in Communication Sciences and Disorders (CAPCSO). <https://www.capcsd.org/elearning-courses/>. Description: This course focused on the principles and practice of effective feedback, with specific emphasis on evidence-based approaches to delivering feedback in the clinical learning environment.
- *Assessing Student Performance - Modules 1-5*. (n.d.). Council of Academic Programs in Communication Sciences and Disorders (CAPCSO). <https://www.capcsd.org/elearning-courses/>. Description: the principles and practice of effective feedback, with specific emphasis on evidence-based approaches to delivering feedback in the clinical learning environment.
- Center for Teaching & Learning (CTL) (2022, August 17-19). *Fall Intensive*. University of Colorado, Boulder, CO. Description: This annual teaching workshop is designed to support new educators at the University of Colorado.
- Franklin, A. (2022, August 6). *Bringing Counseling and Cultural Humility to Clinical Supervision [Conference session]*. University of Washington Department of Speech & Hearing Sciences, Seattle, WA. Description: This workshop focused on elements of counseling strategies from the STAAR framework and integrated practices that support development and growth of cultural humility in supervisors and students.
- Arts & Sciences Support of Education Through Technology (ASSETT)/Center for Teaching & Learning (CTL) (2020, August). *Summer Course Design Workshop*.

University of Colorado, Boulder, CO. Description: This workshop explored course design frameworks, designing learning modules, and teaching technologies.

TEACHING GROUP MEMBERSHIPS

- Inclusive Community of Practice (ICoP), University of Colorado, Boulder, CO
- Online Pedagogy Community of Practice (OCoP), University of Colorado, Boulder, CO

BOARD MEMBERSHIPS

- Audiology Advisory Committee, Cognivue

PROFESSIONAL AFFILIATIONS

- American Speech-Language-Hearing Association (ASHA)
- American Academy of Audiology (AAA)
- American Doctors of Audiology (ADA)
- Colorado Academy of Audiology (CAA)
- Society of Physician Entrepreneurs (SoPE)
- Society of Neuroscience (SFN)
- Cognitive Neuroscience Society (CNS)
- American Society on Aging (ASA)
- Hearing Loss Association of America (HLAA)