

# Emma Brothers

The University of Alabama  
Department of Communicative Disorders  
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## EDUCATION

**Doctor of Audiology**, University of Memphis, May 2021

**Bachelor of Arts**, The University of Alabama, May 2017

## LICENSURE AND CERTIFICATION

Alabama Board of Examiners for Speech-Language Pathology and Audiology  
License: 1289a

American Speech-Language Hearing Association Certificate of Clinical Competence, Audiology  
License: 14288717

## PROFESSIONAL EXPERIENCE

Southern ENT & Sinus Center, Birmingham, AL  
May 2021 – January 2022      Clinical Audiologist

Excel ENT of Alabama, Birmingham, AL  
December 2021      Clinical Audiologist

Tuscaloosa Ear, Nose & Throat, Tuscaloosa, AL  
May 2020 – April 2021      Audiology Extern

## CLINICAL EXPERIENCE

Comprehensive audiological evaluations for birth to geriatric populations  
Distortion-product otoacoustic emissions (DPOAE)  
Transient-evoked otoacoustic emissions (TEOAE)  
Auditory brainstem response (ABR) testing for newborn follow-up evaluations  
Hearing aid evaluations, orientations, adjustments, and repairs for digital hearing aids  
Real ear measurements for objective verification of hearing aid fittings  
Bone-conduction hearing aid fittings and adjustments  
Cochlear implant mapping and adjustments  
Supervise undergraduate students in audiology clinical practicum

## TEACHING EXPERIENCE

CD 445 – Audiology Lab Experience

Fall 2022 - present

Supervise undergraduate students completing audiology clinical experiences at the UA  
Speech and Hearing Center

CD 345 – Introductory Audiology Lab Experience

Fall 2023 – present

Supervise undergraduate students completing audiology clinical experiences at the UA Speech and Hearing Center

## PROFESSIONAL ORGANIZATIONS

American Speech and Hearing Association  
Speech and Hearing Association of Alabama

## PROFESSIONAL ACTIVITIES

### Publications

Hay-McCutcheon, M.J., **Brothers, E.B.** & Allen, R. S. (2023). An Assessment of Hearing Health Care Needs in Rural West Central and South Alabama. *American Journal of Audiology*, 32(3), 487-499.

[https://doi.org/10.1044/2023\\_AJA-22-00177](https://doi.org/10.1044/2023_AJA-22-00177)

**Brothers, E.B.**, Hay-McCutcheon, M.J., Hughes, P.J. & Friend, M.L. (2022). Audiology, Medicine, and Pharmacy Interprofessional Preliminary Interviews and Discussions: Improving Hearing Health Care in Rural Alabama. *American Journal of Audiology*, 31(3), 656-668.

[https://doi.org/10.1044/2022\\_AJA-21-00272](https://doi.org/10.1044/2022_AJA-21-00272)

### Conference Presentations

**Brothers, E.**, Hay-McCutcheon, M., Hughes, P. & Friend, M.L. (2022). *Audiology, Medicine, and Pharmacy Interprofessional Discussions: Improving Hearing Healthcare in Rural Alabama*. Poster session presented at the Rural Health Conference, Tuscaloosa, AL.

**Brothers, E.** & Johnson, J. (2020). *Does audiologic intervention improve satisfaction with direct-to-consumer hearing aids?* Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.

### Invited Guest Speaker

Albea, C. & **Brothers, E.** (2023). *Improving Speech Understanding with Hearing Loss*. Presentation at Capstone Village at the University of Alabama.

**Brothers, E.** (2022). *Audiology, Medicine, and Pharmacy Interprofessional Discussions: Improving Hearing Healthcare in Rural Alabama*. Oral presentation at the Rural Health Conference, Tuscaloosa, AL.

**Brothers, E.** & Stecker, A. (2021). *Does audiologic intervention improve satisfaction and self-efficacy with direct-to-consumer hearing devices?* Presented virtually at the Ph.D. Colloquium at the University of Memphis.

### Course Guest Lecture Presentations

*Implantable Devices*

CD 443 – Basic Audiology

Spring 2023, Fall 2023

*Evolving Hearing Aid Accessibility*  
CD 515 – Professional Seminar  
Fall 2023

*Audiogram Interpretation*  
CD 545 – Audiology Lab Experience  
Spring 2023

*Hearing Aid Lab*  
CD 545 – Audiology Lab Experience  
Spring 2022