

# School of Behavioral and Brain Sciences

Doctor of Audiology



The School of Behavioral and Brain Sciences' Doctor of Audiology (AuD) degree program is one of the nation's most respected and stands at No. 2 in the most recent ranking by U.S. News & World Report. The AuD Program is accredited by the Accreditation Commission for Audiology Education (ACAЕ) and the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA). The degree provides clinical preparation in the identification, diagnosis and management of hearing and balance disorders across the lifespan.



The program offers students unique clinical, research and outreach experiential opportunities. Clinical rotations at the two UT Dallas Callier Center campus sites and numerous clinical, hospital, private practice and school systems within the Dallas-Fort Worth area provide students extraordinary clinical experiences across the scope of audiology practice, in diverse healthcare settings, and across the patient lifespan. Students complete a required mentored research experience, often resulting in presentations at state, national, or international professional meetings. Students are encouraged to take advantage of additional opportunities to participate in faculty research laboratories and community, humanitarian, and advocacy projects. The faculty includes internationally acclaimed audiologists and hearing scientists who actively participate in teaching, research, publishing and professional activities.

The program's mission is to guide students in attaining the essential knowledge and skill for entry into the practice of audiology. The commitment to provide the breadth and depth of classroom and practical experiences is consonant with each student's developing interests and career goals. Career preparation is supported through comprehensive curriculum, innovative and collaborative clinical services on campus and in the global community. We maintain an active program of research in understanding, treating and preventing disorders associated with auditory and vestibular impairments. Students interested in parallel research training are encouraged to apply to enter the PhD program in Communication Sciences and Disorders.

## Program Description

The Doctor of Audiology requires 100 semester credit hours. For complete admission and degree requirements, view the Graduate Catalog at [catalog.utdallas.edu](https://catalog.utdallas.edu).

## Career Opportunities

Graduates of the program seek positions such as: audiologist in academic, private practice, industry or medical settings; researcher or professor.

## Marketable Skills

Upon successful completion of the Doctor of Audiology (AuD) degree program, UT Dallas students will learn, identify, and apply knowledge of hearing, behavioral, and related sciences regarding assessment and management of hearing or balance disorders across the lifespan by adhering to ethical and professional standards, promoting patient, community, and global health and well-being, and collaborating with professionals within and across disciplines at local, state, national and international levels, critically evaluating research literature in audiology and related fields, and being prepared to enter a research doctoral program if they wish to pursue that career path.

- Obtain clinical competency in assessment of auditory capabilities across the lifespan via objective and subjective evaluation of the severity of the impairment, including the psychosocial, vocational, and emotional factors.
- Obtain clinical competency in management of auditory impairment across the lifespan via technology including amplification, hearing assist technology, and cochlear implants.
- Obtain clinical competency in assessment of balance disorders.
- Develop skill to critically evaluate research, apply evidence-based practices in assessment and management of hearing and balance disorders, and participate in clinical research programs.

## Contact Information

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# School of Behavioral and Brain Sciences

## About the School



The School of Behavioral and Brain Sciences is focused on the intersection of mind, brain and behavior. Through the school's research-intensive culture, our professors and students work together to unravel mysteries that will improve human lives. They accomplish this by engaging in novel scientific discovery, translating the latest research into treatments, and sharing this knowledge through professional and community outreach. The School provides innovative training and research, offering an array of programs to develop creative thinkers. Graduate training in BBS prepares students to become scientists, educators, clinicians, social service professionals, innovators, and corporate leaders.

### Graduate Research

The School of Behavioral and Brain Sciences is committed to translating the latest research into interventions that add depth to education and provide valuable contributions to the health and well-being of humans. BBS researchers in neuroscience, psychology, and speech, language, and hearing sciences have many research grants from the most prestigious national funding agencies, including the National Institutes of Health and the National Science Foundation.

### Departments

**Neuroscience.** Research in the Department of Neuroscience focuses primarily on cell and circuit plasticity in the nervous system and how this influences behavior. Major research strengths are in learning and memory; targeted plasticity for therapeutic intervention; and the neurobiology of pain.

**Speech, Language, and Hearing Sciences.** Research in the Department of Speech, Language, and Hearing Sciences, based at the Callier Center for Communication Disorders, this program emphasizes clinical and translational research in basic scientific understanding of brain and behavioral mechanisms of speech, language, and hearing, as well as on disorders that affect the ability of children and adults to communicate. Research strengths broadly encompass basic science, applied (translational) applications, prevention, and remediation.

**Psychology.** Research in the Department of Psychology focuses on all aspects of cognitive, developmental, and social psychology, and cognitive neuroscience. Areas of expertise include learning and memory; reasoning; perception; modeling; lifespan development (from early childhood through the oldest old); and brain disease (e.g., autism, schizophrenia, traumatic injury, neurodegeneration, addiction).

BBS Graduate Programs		
Applied Cognition and Neuroscience	MS	
Audiology		AUD
Cognition and Neuroscience		PHD
Speech-Language Pathology	MS	
Speech, Language, and Hearing Sciences		PHD
Human Development and Early Childhood Disorders	MS	
Psychology	MS	PHD

## Contact Information

### Office of Admission and Enrollment

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### School of Behavioral and Brain Sciences

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## About the School



### Research Centers

Many of the school's activities are shaped significantly by faculty and student involvement in five centers listed below.

**Callier Center for Communication Disorders:** The Center is a national leader in providing care for children and adults with speech, language, and hearing disorders. Supporting this clinical mission, faculty members research the causes, treatments and prevention of communication disorders.

**Center for Advanced Pain Studies:** This Center's mission is to elucidate fundamental mechanisms underlying chronic pain, and to discover novel therapeutics for the treatment of chronic pain through academic, public and private partnerships.

**Center for BrainHealth:** This Center focuses its research on understanding the brain's ability to restore or protect healthy function, to protect the brain from unnecessary mental decline and to heal the brain through treatments that regenerate function.

**Center for Children and Families:** Center research emphasizes parenting and healthy families, strengthening interpersonal relationships, and enhancing thinking and learning.

**Center for Vital Longevity:** This Center focuses on understanding and expanding the capacity of the aging mind, aiming to understand how the brain changes over the lifespan, the consequences of neural aging on everyday function, and interventions that show promise for slowing cognitive aging.

**Texas Biomedical Device Center:** The Center consists of scientists, engineers, medical doctors, regulatory specialists, and clinicians committed to the development of affordable and innovative therapies and technologies to improve the quality of life for individuals suffering from neurological disorders.

### Additional Facts about BBS

- Our Audiology and Speech-Language Pathology programs are ranked #2 and #10 in the nation respectively, according to *U.S. News and World Report*.
- The School is home to leading experts in Psychology, Neuroscience and Speech, Language, and Hearing Sciences.
- In fiscal year 2019, BBS faculty members were responsible for nearly \$13 million in total research funding, including roughly \$12 million from National Institutes of Health, National Science Foundation, and Department of Defense.
- BBS has more than 2,300 undergraduate students and nearly 600 graduate students, including two of the top 10 undergraduate majors at UTD (Neuroscience, Psychology).

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