



College of Health &
Human Services

School of **HEARING, SPEECH *and* LANGUAGE SCIENCES**

PH.D. FELLOWSHIPS AT OHIO UNIVERSITY

The School of Hearing, Speech and Language Sciences offers world-class Ph.D. programs in hearing science and in speech-language science. We are a diverse, energetic, dedicated, and productive faculty who work closely with students in a positive and encouraging environment. We offer students the opportunity to develop an individualized academic plan of study, access to state-of-the-art facilities and equipment, an exciting range of mentored research experiences, and a variety of mentored teaching opportunities. Fellows receive a minimum of three years of year-round full-time tuition expenses, plus an attractive living stipend (assuming satisfactory performance). Additional funds may be available to support continued studies beyond three years.

Ph.D. studies in Hearing, Speech and Language Sciences at Ohio University provide numerous distinctive opportunities, including:

- Involvement in research projects funded by prestigious agencies such as the National Institutes of Health and the National Science Foundation.
- A choice of Ph.D. focal areas in hearing science, speech science, language science, audiology, and speech-language pathology.
- Hands-on guidance in vital areas of scholarly development, including publication and grant writing.
- Enriching collaborative experiences in medicine, psychology, neuroscience, cognition, psycholinguistics, linguistics, health sciences, physical therapy, education, engineering, biological sciences, statistics, and more.
- Rich University-wide interdisciplinary opportunities, including: Initiative on Health and Wellness in Underserved Populations, Appalachian Rural Health Institute and Diabetes Research Initiative, Initiative on Interactive Virtual Environments, NanoBioTechnology Initiative, and Gerontology Certificate Program, providing rich additional interdisciplinary research and student funding possibilities.
- Participation in the Institute for the Empirical Study of Language, facilitating research collaboration across many disciplines.
- Engagement with multicultural, multinational, and multilingual students and faculty.
- Access to vital clinical populations to support cutting-edge research programs.
- Participation in a university and local community that offers a safe, culturally vibrant, and picturesque environment.

Qualifications Qualified applicants will have a strong interest in becoming increasingly independent scholars, and excellent written and interpersonal communication skills in America English. For the Ph.D. program in hearing science, applicants must have a minimum of an undergraduate degree in an academically related area (e.g., communication sciences and disorders, psychology, neuroscience, linguistics, biomedical engineering, etc.). For the Ph.D. program in speech-language science, applicants must have a minimum of a master's degree in an academically related area. Fellowships are competitively awarded. US and International applicants welcome. Applicants from underrepresented groups are encouraged to apply. View application and instructions at http://www.hhs.ohiou.edu/hsls/graduate_doctoral_program.aspx.

FACULTY RESEARCH FOCI

Hearing Science:

- Hearing aid signal processing
- Speech perception
- Cochlear implants
- Psychophysics
- Neuroanatomy and neurophysiology
- Auditory working memory
- Physiological assessment of the auditory system
- Speech enhancement and noise reduction strategies in digital hearing aids
- Auditory electrophysiology
- Multi-channel recordings and neuroimages

Speech-Language Science

- Metasemantic development
- Speech perception
- Organization of mental lexicon
- Cognitive and linguistic sciences
- Lexical tone in spoken word recognition
- Videostroboscopic examination of voice
- Syntactic priming and complex syntactic development
- Aphasia, dementia, and traumatic brain injury
- Changing attitudes towards individuals who use AAC devices
- Swallowing physiology of normal populations
- Aural rehabilitation in cochlear implanted children
- Improving access to technology to meet social/academic need of children and adolescents
- Social function of children's language and cognition
- Working memory/speed of processing underlying complex grammar processing in typically developing children
- Information processing (attention, memory, processing speed) and specific language impairment
- Applying creative arts with individuals with physical and communication disabilities
- The role of family interaction on language and cognitive development.
- Biomechanical measurements of swallowing in neurogenic patients with dysphagia
- Use of eye movement measures to index linguistic comprehension and cognitive activity
- Clinical practice issues involving ethics, fiscal stability of service-providing agencies, and managed care

For additional information about Ohio University's graduate programs in Hearing, Speech and Language Sciences including application materials visit the School Web site at

<http://www.hhs.ohiou.edu/hsls/>

To discuss Ph.D. program options contact

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