



College of Health &
Human Services

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

PH.D. FELLOWSHIPS IN PSYCHOACOUSTICS AND SIGNAL PROCESSING AT OHIO UNIVERSITY

Students with a particular interest in psychoacoustics and signal processing are invited to apply for an exceptional Ohio University Fellowship. Psychoacoustics and Signal Processing 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. Fellows may choose to engage in a variety of research project areas related to hearing aid signal processing, speech processing, and psychoacoustics.

The mentor for this Fellowship is Jeffrey DiGiovanni, Ph.D., CCC-A. Dr. DiGiovanni's main research focus is on creating, testing, and improving hearing aid signal processing techniques to enhance speech intelligibility for people with hearing impairments. He also has a clinical efficacy research focus on improving diagnostics in audiology by assessing clinical protocol. Dr. DiGiovanni presents at professional conferences and publishes articles on psychoacoustics and signal processing in scholarly journals.

Dr. DiGiovanni mentors doctoral students in research career development, including experimental design, writing for publication, grant writing, teaching, and service to the profession. He is dedicated to enriching the research experience of each of his students through guidance and support. Many other accomplished faculty members in the School also provide rich interdisciplinary research and mentorship opportunities to Fellows.

To discuss Ph.D. Fellowships in Auditory Psychophysics and Signal Processing
contact Dr. Jeffrey DiGiovanni

Telephone: 740.593.1260

Email: digiovan@ohio.edu

QUALIFICATIONS Qualified applicants will have a strong interest in becoming increasingly independent scholars in auditory psychoacoustics and signal processing, an undergraduate or master's degree in an academically related area (e.g., communication sciences and disorders, psychology, physics, electrical engineering, etc.), and excellent written and interpersonal communication skills in American English. Fellowships are competitively awarded. US and International applicants are welcome, and applicants from underrepresented groups are encouraged to apply. View application and instructions at http://www.hhs.ohiou.edu/hsls/graduate_doctoral_programs.aspx.

ABOUT THE SCHOOL OF HEARING, SPEECH AND LANGUAGE SCIENCES

The School of Hearing, Speech and Language Sciences offers world-class doctoral programs. 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.

Doctoral 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.

For additional information about Ohio University's graduate programs in Hearing, Speech and Language Sciences and Faculty Research Foci, visit the School Web site at

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

To discuss additional Ph.D. program options contact
Dr. Jim Montgomery, Coordinator of Ph.D. Studies

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