Postdoc, PhD, and Lab manager positions available in the O-Lab at Duke University

We are looking for highly motivated scientists to join the O-Lab, led by Prof. Tobias Overath, in the Department of Psychology and Neuroscience at Duke University. Work in our lab investigates how sounds, from simple sinusoids to complex speech signals, are processed in the human brain, using a combination of behavioral (psychoacoustics) and neuroimaging methods (fMRI, EEG, ECoG) to track the underlying neural processes. Current projects investigate the transformation from acoustic to linguistic analysis of temporal speech structure, online measures of statistical learning, as well as optimization of cochlear implant coding strategies.

We have job openings at various levels:
Postdocs should have completed a graduate degree in auditory neuroscience (broadly construed) or a related field, ideally using neuroimaging techniques (fMRI, M/EEG, ECoG). Interested candidates should have established a track record of publications from their graduate studies and demonstrated the motivation to pursue a career in science.

Graduate students should have received an undergraduate degree in psychology, neuroscience, biomedical engineering, or a related field; familiarity with signal processing, fMRI, M/EEG, and or related experimental techniques is a plus, as is advanced knowledge of at least one programming language (preferably Matlab). Admission is possible via the Psychology and Neuroscience graduate program, or via the Cognitive Neuroscience Admitting Program (CNAP). **The application deadline is December 1, 2017!**

We are also looking for a **Lab manager/Research Assistant**. An ideal candidate will have received an undergraduate degree in psychology, neuroscience, biomedical engineering, or a related field, by summer 2018, and will have some familiarity with fMRI, EEG, and/or a related experimental technique. An interest in how the brain processes sound is a strong plus, as is excellent knowledge of at least one programming language (preferably Matlab).

Duke University provides a vibrant, highly connected scientific environment, with many relevant departments and interdisciplinary initiatives (e.g. Departments of Neurobiology, Biomedical Engineering, Electrical and Computer Engineering; Center for Cognitive Neuroscience, Duke Institute for Brain Sciences, Brain Imaging and Analysis Center).

Interested candidates should contact Tobias Overath (t.overath@duke.edu).