Post Bac position available at Duke University

We are looking for a highly motivated recent graduate (BS, BA) to gain research experience in the lab of Prof. Tobias Overath (http://people.duke.edu/~jto10) at the Duke Institute for Brain Sciences. Work in the lab investigates how sounds, from simple sinusoids to complex speech signals, are processed in the human brain via a combination of behavioral (psychoacoustics) and neuroimaging methods (fMRI, EEG).

The ideal candidate will have received an undergraduate degree in psychology, neuroscience, biomedical engineering, or a related field, by summer 2016, and will have some familiarity with fMRI, M/EEG, ECoG, and/or other experimental techniques. An interest in how the brain processes sound is a strong plus, as is high proficiency in at least one programming language (preferably Matlab).

The main duties of the position include being involved in the research conducted in the lab; this includes experimental design and analysis, acquiring data, writing scientific papers for publication, and participating in other lab activities. The position is intended as a stepping-stone towards graduate work in neuroscience or a related field, thus we are looking for a candidate who is conscientious and dependable as well as highly self-motivated and pro-active.

Duke University is a vibrant and highly interdisciplinary place for research, with collaborations facilitated via the Duke Institute for Brain Sciences, the Center for Cognitive Neuroscience, as well as the departments of Psychology and Neuroscience, Neuropsychology, Psychiatry, Biomedical Engineering, and Statistics. The Duke UNC Brain Imaging and Analysis Center (BIAC) has two dedicated research MRI scanners (GE 3T), and our lab has a BrainVision 64-channel ActiChamp EEG system.

The position is available for a two-year period starting this Summer or Fall 2016. Salary will be $29,000-31,000 p.a. (depending on experience), plus benefits.

To initiate an application for the position, please email the PI Tobias Overath (t.overath@duke.edu) by April 15, 2016 (later applications will also be considered if the position is not filled), including the following documents: (1) a brief statement about yourself and why you are interested in the position, (2) a resume that includes brief descriptions of past research experiences, programming knowledge, relevant courses and grades, and (3) the names and email addresses of at least 2 references who could be contacted.