

Postdoctoral Position (multi-year)  
***Multilevel Auditory Processing of Continuous Speech***

We are accepting applications for a multi-year postdoctoral position on the topic of *Multilevel Auditory Processing of Continuous Speech* at the University of Maryland, College Park, sponsored by an NIH R01 grant.

The project aims to determine how speech is progressively represented along and beyond the auditory neural pathway, from midbrain to, and including, language areas. We use EEG and MEG to simultaneously record from subcortical and multiple cortical areas respectively, along with measures of listening effort (pupillometry) and behavior. In addition to working on this project, the postdoc will be encouraged to develop an independent research program and to collaborate with others.

The team includes a lively and highly interactive group of researchers: Dr. Jonathan Simon, Dr. Samira Anderson, Dr. Stefanie Kuchinsky, and Dr. Behtash Babadi, plus other trainees. Recent publications & presentations can be viewed at <http://cansl.isr.umd.edu/simonlab/Publications.html>.

Primary responsibilities include experimental design, analysis, interpretation, and scientific presentation, of neurobehavioral experiments involving speech processing in noise. Familiarity with python and/or MATLAB is highly desirable. Interests in translational/clinical application, especially in aging, are encouraged.

The University of Maryland, College Park, is a world leader in auditory neuroscience and behavior, whose researchers span many departments across campus, and also have strong ties to nearby institutions, including the National Institute on Deafness and Other Communication Disorders (NIDCD) and the Walter Reed National Military Medical Center (WRNMMC). College Park is a suburb of Washington DC and also within easy commuting distance of Baltimore.

We believe that equity and diversity lead to better science. We especially encourage applications from candidates of diverse backgrounds.

A Ph.D. in Neuroscience, Audiology, Electrical Engineering, Psychology, Computer Science, or related field must be completed by the starting date. The position is for an initial two-year appointment with the potential for renewal upon mutual agreement.

*Send a cover letter, C.V., and the names & contact info of two (or more) references to Jonathan Z. Simon at [jzsimon@umd.edu](mailto:jzsimon@umd.edu). The position is open immediately and candidates will be sought until the position is filled. Employment eligibility verification required on hire. The University of Maryland is an equal opportunity/affirmative action employer.*