

## Post-doctoral positions in auditory neuroscience at the University of Maryland

We are looking for two talented postdoctoral fellows, or advanced graduate students (who will have received their PhD by March, 2017), who are truly passionate about research, to join our Neural Systems Lab in College Park, Maryland (a few miles by bike, car or METRO from Washington, DC). Ideally, the applicant should have a strong background in multielectrode recording techniques, behavioral animal studies and computational skills and be interested in understanding the neural basis of music and language. Our Neural Systems Laboratory (NSL) is run by Shihab Shamma and Jonathan Fritz. Our research, with the ferret as an animal model system, focuses on the effects of attention, learning and memory and task-related plasticity on auditory processing - we use behavioral, neurophysiological, computational approaches and are also beginning optogenetic techniques and ultrasound imaging studies to explore higher order processing and topdown control. One of the new projects in the lab is funded by DARPA and will investigate whether vagal nerve stimulation can enhance learning and neuroplasticity. The starting salary for new postdoctoral fellows will follow NIH guidelines and begins at \$47,476. NSL is located in the Institute for Systems Research, which is part of the Engineering School at the University of Maryland. We are also closely linked to the Neural and Cognitive Sciences (NACS) Program, and the Center for the Comparative and Evolutionary Biology of Hearing at the University. Our program is also linked with NIDCD at NIH. Please contact Jonathan who will be at APAN and SfN if you are interested.