We have integrated a hearing examination protocol into the Jackson Heart Study (JHS), which is an established population-based cohort study of cardio-vascular disease. Herein is describe the preliminary cross sectional data analysis of the pure-tone hearing status of a sub-set of 1320 individuals who have undergone audiometric testing so far. We show a statistically significant association between several obesity related cardio-metabolic risk factors and hearing loss across different frequency regions of the cochlea.

Biography

Dr. Charles Bishop is an assistant professor and audiologist at the University of Mississippi Medical Center. He is a co-investigator of a large NIH funded hearing study, which is centered on assessment of the prevalence and incidence of hearing loss in the Jackson Heart Study cohort, based in the city of Jackson, MS. He is currently conducting several hearing aid studies in the audiology clinic at UMMC, all of which are supported by corporate agreement with Starkey Labs, Inc. His practice involves hearing rehabilitation with cochlear implants and hearing aids, tinnitus therapy, and assessment of central auditory processing disorders.

cebishop@umc.edu