fNIRS Seminar Series
Presented by Chronic Brain Injury Program

Effects of Cognitive Training on Speech Recognition in Cochlear Implant Users: Preliminary Pilot Data

Karl Velik, audiology clinical doctorate student (Au.D.), class of 2022, OSU Dept. of Speech and Hearing Science

Karl graduated summa cum laude with research distinction from Ohio State with a B.A. in Speech & Hearing Science and Linguistics in May 2018. He has previously conducted research in historical linguistics, speech science and dialectology.

Karl is a newcomer to neuroimaging, working with the cochlear implant population in the SLAM Lab using fNIRS. The study focuses on cognitive training as a potential rehabilitation technique for new users of cochlear implants. Cochlear implant users are a particularly interesting population for fNIRS imaging because their ferromagnetic implants preclude other forms of neuroimaging such as fMRI.

May 24, 2019 | 9:00AM | 350 18th Ave Library | Coffee & Bagels!