Tinnitus Research with Acoustic and Noninvasive Neural Stimulation

The University of Minnesota’s Departments of Biomedical Engineering and Otolaryngology are seeking individuals who have tinnitus to participate in research involving acoustic stimulation, electrical stimulation of different skin surface regions, and noninvasive brain stimulation to potentially decrease the tinnitus percept. Participation involves up to 16 testing sessions that typically occur once every 1-2 weeks at the University of Minnesota. Each testing session will require up to 3 hours. Participants will complete questionnaires, perform several tests to determine their hearing and tinnitus characteristics, be presented with different stimulation paradigms, and describe changes in their tinnitus from the different tests.

Participants must be an adult between 18 and 65 years of age, have tinnitus preferably for less than 5 years, have no history of seizures, not be pregnant, and not have any implantable devices or indwelling metal. Participants will receive compensation for their participation in each testing session in the form of a $60 Visa gift card that may be used at any retailer that accepts Visa. The first informational visit will take approximately 1.5 hours and will be compensated with a $40 Visa gift card. There is no charge for participating in this research. For more information, please contact Hubert Lim, Ph.D., at msync001@umn.edu.