Adult cochlear implant recipients with normal to near-normal hearing in the non-implanted ear are invited to participate in research. The purpose of this study is to investigate how cochlear implant users adapt to the pitch of the electrical signal in the implant.

Research activities include:

- Listening to sounds and making judgments about the sounds.
- Listening to speech and repeating what you heard.
- Adjusting the volume and/or pitch of speech, tones, and noises to most comfortable or most intelligible levels.
- We will ask you to fill out a questionnaire regarding the sounds you hear.

Study participants must meet the following requirements:

- 18 years of age or older
- have 1 cochlear implant with normal to near-normal hearing in the non-implanted ear
- must not have a condition that would limit or impair one’s ability to listen to different sounds and read instructions on a computer monitor such as audio/visual induced migraines or epilepsy

If you are a new cochlear implant user (< 7 days since activation), you will be asked to participate in 5 study sessions across the first year of implant use including 1 week, 1 month, 6 months, and 12 months. Each session will take 2 to 2.5 hours for a total of 12 hours. You will be compensated $180 for your participation in this study, plus mileage reimbursement.

If you are an existing cochlear implant user (> 6 months since activation), you will be asked to participate in 1 to 2 sessions up to a total of 6 hours. You will be compensated $90 for your participation in this study, plus mileage reimbursement.

Whether or not you choose to participate in this study will in no way affect the care you receive at Vanderbilt University Medical Center.

If you are interested, please contact Dr. René Gifford at rene.gifford@Vanderbilt.edu

Date of Approval: 06/27/2017