Cochlear Implants – Participation Opportunities – 3 Open Enrollment Experiments
June 13, 2022 – August 14, 2022

You may choose to participate in all experiments (on different days/weeks) or any of the following experiments with open enrollment listed below. **We strongly encourage you to participate in all three!**

Open Enrollment Experiments
1. Non-Speech Sound Assessment (via CCI-Evaluate) – Approx. 2.5-3 hours
2. Everyday Sounds Identification Experiment (via CCI-Evaluate) – Approx. 2-4 hours
3. Multi-Model Verification (in-lab, in-person)* – Approx. 1-1.5 hours

*Requires the CCI-MOBILE Research Platform, study materials to be mailed to the participants home address prior to the testing date

**Non-Speech Sound Assessment (Online)**
This experiment consists of listening to competing speech between various non-speech sounds, such as cats, dogs, door creaks, water running, etc. Participants will be asked to identify the quality of the sound when played with a competing sound. Participants will also be asked to listen to an enhanced version of one of sounds and rate the quality, distortion, and separation quality compared to the mixed signal (with competing speaker).

**Participation**
- 2.5-3 hours
  - This experiment is **participant-driven, self-paced, without the presence of an investigator**
  - This experiment requires the participant to schedule a designated testing time and date

**Participation Schedule**
- **June 13 – July 22, 2021** – Online Appointment Required
- Contact Dr. Juliana Saba for appointments after June 22

**Equipment Required**
- A computer/laptop with internet access
  - If you do not have a computer/laptop, the CILab will provide one for you
  - For those who are not comfortable using a computer/laptop or working online, our research team will set up a virtual, online meeting (via Zoom) to walk you through these steps
- Amazon WorkSpaces Software Client (CCI-Evaluate) – Download Instructions Provided
  - Instructions will be provided on how to download the software required to take the experiment
  - Our research team can set up a virtual, online meeting (via Zoom) to get you familiar with the testing setup
  - Online resources such as step-by-step guides and videos will be provided!

**Reimbursement/Paid-Participation**
You will be paid approx. **$25/hour** for your participation

**Contact Information and Enrollment Process**
- To participate in this study, simply respond to the recruitment email or contact the research coordinator directly to schedule your online testing time/date
- Dr. Juliana Saba: juliana.saba@utdallas.edu  
  Dr. Ram Shekar: RamCharan.ChandraShekar@utdallas.edu
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Everyday Sounds Identification Experiment Overview (Online)

This experiment requires listening to different non-speech sounds and identifying what the sound is, such as animals, rain, thunder, door creaks, etc. As you identify the 50 different sounds, you will be asked to subjectively rate the complexity, pleasantness, and how easily identifiable the sounds are.

Participation

- 2.5-3 hours
  - This experiment is participant-driven, self-paced, without the presence of an investigator
  - This experiment requires the participant to schedule a dedicated testing time and date

Participation Schedule

- June 13 – July 22, 2021 – Online Appointment Required
- Contact Dr. Juliana Saba for appointments after June 22

Equipment Required

- A computer/laptop with internet access
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Reimbursement/Paid-Participation

- You will be paid approx. $25/hour for your participation

Contact Information and Enrollment Process

- To participate in this study, simply respond to the recruitment email or contact the lead investigator directly to schedule your online testing time/date
- Dr. Juliana Saba: juliana.saba@utdallas.edu  Dr. Ram Shekar: RamCharan.ChandraShekar@utdallas.edu
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Multi-Modal Verification with CCI-MOBILE (traditional lab experiment)

This experiment asks participants to take a three-stage listening experiment in two different modalities: (1) in the sound booth and (2) online through the UT-Dallas, Cloud-based virtual machine, CCI-Evaluate. The participant will be provided with a research platform, CCI-MOBILE configured equivalent to the commercial speech processor. The three-stage listening experiment asks cochlear implant listeners to identify everyday sounds, to identify famous or popular speakers, and to listen to speech processed using an enhancement method in quiet and in noise. Each stage takes approximately 15-20 minutes.

Participation

• 1.5-2 hours
  o This experiment consists of two modalities: (1) in-booth, investigator-driven, and (2) online, participant-driven, both requiring the participant to be in person
  o This experiment requires a testing time and date to prevent multiple online users at a single time

Participation Schedule

• June 13, 2022 – August 14, 2022

Equipment Required

• CCI-MOBILE Research Platform (provided)
  o Pre-registration is required for new CI users so the team can contact your audiologist and receive your clinical MAPS prior to your testing date to ensure our research configuration is the same as your clinical configuration (processor) – A link will be provided from the research coordinator

Reimbursement/Paid-Participation

• You will be paid approx. $25/hour for your participation

Contact Information

• To participate in this study, simply respond to the recruitment email or contact the research coordinator directly to schedule your online testing time/date:
  • Dr. Juliana Saba: juliana.saba@utdallas.edu