

Pediatric Cochlear Implant Research Study

Children between 6-9 years of age who wear cochlear implants are invited to participate in a research study in Lina Reiss's Cochlear Implant and Hearing Aid Research Laboratory in the Department of Otolaryngology at the Oregon Health & Science University (OHSU). This National Institutes of Health funded research project is aimed to improve our knowledge of how to improve speech and music perception for children with hearing loss.

In this particular study, we are studying how children who wear cochlear implants combine sounds between the two ears, and how this may explain some of the variability in speech and music perception abilities. We are also studying how age and development in children affects how sounds are combined between ears.

Subject Criteria

- Children (6-9 years old)
- Have one of the following hearing device combinations:
 - A cochlear implant in one ear and a hearing aid in the other ear
 - Bilateral cochlear implants

In this study, we will evaluate children over time during development, starting at around 6-9 years of age, with repeat testing once a year for up to five years. Your child will be asked to listen to sounds and words, and respond by pressing the appropriate button on a computer touch screen. The time needed to complete the testing each year is a total of 6-8 hours, which can be divided into shorter sessions.

Compensation would be provided for your child's time (\$25/hour for a total of \$150-\$200), travel mileage (\$0.25/mile), and parking.

If your child would like to participate in this study or if you would like more information, please contact:

Gemaine Stark, B.S.
Research Assistant
Department of Otolaryngology
starkg@ohsu.edu
(503) 494-2996
Lina A.J. Reiss, Ph.D.

Principal Investigator
Assistant Professor of Otolaryngology
reiss@ohsu.edu
(503) 494-2917

The Department of Otolaryngology is located in the Physician's Pavilion of Oregon Health and Science University, 3181 SW Sam Jackson Park Road, Portland, OR 97239.