



Is your child in between the ages of six and ten years old?

Under the direction of Dr. Nicole Russo-Ponsaran, and funded by the Schweppe-Armour bequest and the Rush Translational Sciences Consortium, researchers at the Rush Neurobehavioral Center are conducting a free study investigating the relationship between how the brain processes basic information in relation to social information processing. To better understand this relationship, we are studying brainstem responses to speech sounds and pragmatic language and their relationship to performance on a behavioral assessment of social information processing.

Who is eligible?

- Boys and girls (ages 6-10 years old) who are typically-developing (TD) with no clinical diagnosis or educational IEP (Individualized Education Plan).
- Must be verbal with average or above average intelligence
- Must demonstrate normal hearing

What does participation include?

- Telephone pre-screening parent interview (15 minutes)
- One to two research sessions (2½-3 hours total)

What does the research testing include?

- Standardized measure of intelligence
- Brief hearing screening
- Neurophysiology assessment to measure click-evoked and speech-evoked auditory brainstem responses (60 minutes, including electrode application). Children will sit comfortably in a large sofa chair with noninvasive scalp electrodes affixed to the head, and an audio insert in one ear, while they watch a video
- Standardized measure of pragmatic language
- Web-based social reasoning assessment

Where does testing take place?

- Rush NeuroBehavioral Center (Skokie, IL)
- Some of the testing may also take place at Rush University Medical Center (Chicago, IL)

Does it cost anything to participate?

- Participation is free and participants will receive a \$50 Amazon gift card
- Parents will receive a \$25 Amazon gift card

To learn more and to see if your child qualifies for this research study, please contact:

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