

Processing Internal and External Sensory Cues in Autism



VANDERBILT KENNEDY CENTER
FOR RESEARCH ON HUMAN DEVELOPMENT

How do individuals process internal and external sensory cues? We process information from the outside world using our senses of sight, hearing, and touch, and we process different information from within ourselves through internal awareness. Do some people with an autism spectrum disorder experience the world differently because of the way their brains process internal and external sensory information?

We are looking for: People from 7-17 years with autism OR who are typically developing

What is involved in this research study?

- Sensory tests (tasks that measure sight, touch, and internal awareness)
- An EEG or MRI scan
- Interviews and questionnaires for both the participant and a caregiver
- Donate a small sample of saliva as a source of DNA

How much time will it take? You may qualify to participate in up to four 1.5 to 3-hour sessions

How will participants be compensated?

- Participants will receive \$15 per hour
- Caregivers will receive \$30 upon completion of all interviews and parent questionnaires

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