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**Eligibility criteria:**

- Diagnosis of Autism Spectrum Disorder (ASD)
- Able to sit still
- No metal implants
- No chronic pain
- No history of other neurological disorder, brain injury or brain operation
- Able to understand and follow directions
- No genetic syndrome diagnosis

**If you would like to participate, please contact us:**

**Samantha Laboy**  
**Mally Townsend**  
**682-715-5026**  
neuroresearch@cookchildrens.org



Jane and John Justin  
Neurosciences Center  
at Cook Children's

Child Study Center  
at Cook Children's

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Your child with autism spectrum disorder could help us with a research study.



IRB NUMBER: 2024-047  
IRB APPROVAL DATE: 07/15/2025  
IRB EXPIRATION DATE: 07/14/2026



**What is this research study about?**

Autism Spectrum Disorder (ASD) is a neurodevelopmental disorder that affects approximately 1% of children worldwide. Although the main symptoms of ASD are deficits in social interaction and restricted or repetitive patterns of behavior, recent findings suggest that ASD is also associated with atypical sensory and affective processing. This study aims to explore how a child with ASD processes information in their brains differently than a typically developing kid. This could help develop new diagnostic methods for ASD in the future.

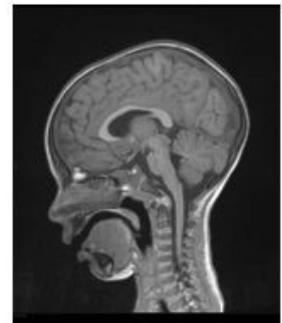
**Why do you need my child?**

To help us identify what is not typical about children with ASD, we need to know how their brains process information.

**What does my child have to do?**

We will perform the following tests and procedures:

- Magnetoencephalography (MEG).
- Functional Magnetic Resonance Imaging (fMRI).
- The parent(s) will have to fill in some questionnaires about the child's behavior.



**How can my child help?**

Contact us and enroll your child with ASD in the study. Your commitment will be to bring in your child for three separate visits. The visits will last 45-90 minutes each. Because we know this is a significant time commitment, we will compensate you for your and your child's time and effort as a result of taking part in this study.



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