Who are we?

We are early childhood education researchers that study brain and language development in typically developing children and those with disabilities in the College of Education at UT Austin.

Who are we looking for?

We are looking for children with a diagnosis of Autism Spectrum Disorder:

- Ages 2 to 6
- No suspicion of hearing loss
- No additional medical, physical, or developmental diagnoses
- Children must come from a monolingual English-speaking home

What is your child going to do?

Your child will be asked to participate in event-related potential **(ERP) recording,** during which they will:

- Sit on your lap
- Wear a wet stretchy net of sensors
- Listen to spoken English words and nonsense words
- Watch an age-appropriate cartoon with no sound
- This procedure lasts approximately 10 min.

You will also fill out a short checklist of words your child understands and says.

ADOS-2 Testing: Your child will be given a play-based autism diagnostic assessment. ADOS-2 Testing and the ERP Procedure will be completed in one 2 hour visit. The ERP Procedure will be repeated in a 1 hour within two weeks. Total participation time is 3 hours.

Incentive: Your child will be allowed to pick out a small toy or book for completing this visit and **your family will receive $20 for participating in this study**.

Why is this study important?

This study will help us understand how children with ASD process words when they hear them. Our research will advance the likelihood that brain measures could one day be used to predict language development in children with ASD.

For more information, contact Micheal Sandbank (Head of Lab) at:

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