Parents/Guardians are invited to bring their child to participate in a single session study where they will have some developmental testing and be involved in socially focused activities including watching people and objects on a video monitor and interacting with another person. We will measure the child’s brain activity using wearable neuroimaging sensors, which fit on the head like a headband and measure the brain activity. We will also video record your child’s facial expressions to understand social interactions in a more realistic setting. The study will take approximately 2 hours to complete (over Zoom online and Site-visit in-person).

Your child may participate in this study if:

- Your child is between the ages of 18 and 42 months.
- Your child does not have serious visual problems.
- Your child does not have serious hearing problems.
- Your child does not have a history of seizures, head injury, or neurological problems (e.g. stroke, etc.).
- Your child does not have any serious illness, or genetic syndrome.
- Your child does not take neuropsychiatric medications (e.g. Adderall or Ritalin).

And, your child may participate in this study if one of the following is true:

| 1. Your child has Autism Spectrum Disorder (ASD) and no other developmental disorder | OR | 2. Your child does not have ASD and does not have language or developmental delays, or a family history of ASD |

For your time and participation, you will receive a gift card of $100.

This research is approved by the Drexel University Institutional Review Board. If you are interested in participating in this study, please contact: Dr. James Connell, Dr. Karen Heffler, Dr. Hasan Ayaz

Drexel.ASD@gmail.com

Site visit: A.J. Drexel Autism Institute
3020 Market Street, Suite 560
Philadelphia, PA 19104-3734

This research is conducted by researchers who are members of Drexel University.