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Study Title and Description	Study Components	Age	Diagnosis
<p><u>SPARK: Simons Foundation Powering Autism Research and Knowledge</u> The purpose of Spark is to recruit, engage and retain a community of 50,000 individuals with Autism Spectrum Disorder (ASD) along with their family members in the United States to identify the cause of ASD through saliva samples.</p> <p><i>To register visit sparkforautism.org/ucd</i></p>	<p><input checked="" type="checkbox"/> Database study <input checked="" type="checkbox"/> In-home <input checked="" type="checkbox"/> Saliva Samples # Visits: 0</p>	<p>ALL AGES</p>	<p>Autism Spectrum Disorder</p>
<p><u>(Early Risk) Share and Distinct Developmental Pathways to ADHD and Autism Spectrum Disorder</u> The goal of this study is to understand the earliest signs of autism, ADHD, and other developmental concerns in infancy. This study is recruiting babies between 12-18 months of age who have: (1) an older sibling with ASD, (2) a typically developing older sibling, or (3) an older sibling or parent with ADHD.</p> <p>This study focuses on infants who have family members with autism or ADHD because relatives of children with autism and ADHD are at a greater risk of developing these disorders themselves.</p>	<p><input checked="" type="checkbox"/> Assessments # Visits: 3-4</p>	<p>6-18 months with at least one older sibling with a diagnosis (or a parent with ADD/ADHD)</p>	<p>Autism Spectrum Disorder, ADHD or Typical Development</p>
<p><u>(LeaP) Learning Preferences in Toddlers with ASD</u> The purpose of this study is to determine what kinds of images and videos toddlers with Autism Spectrum Disorder (ASD) prefer to look at and learn from, and how those preferences may change after behavioral treatment.</p>	<p><input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> ERP # Visits: 1-2</p>	<p>12-30 months</p>	<p>Autism Spectrum Disorder, Typical Development</p>
<p><u>(GAIN) Girls with Autism - Imaging of Neurodevelopment</u> The purpose of the study is to identify biological differences in brain structure and connectivity in girls with Autism Spectrum Disorder.</p>	<p><input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI <input checked="" type="checkbox"/> Assessments # Visits: 3</p>	<p>2 to 4 years Females</p>	<p>Autism Spectrum Disorder, Typical Development</p>
<p><u>(NAPP) New Autism Phenome Project</u> This study aims to look at different patterns of brain development in Autisms Spectrum Disorder (ASD) specifically focused on evaluating children's brain size.</p>	<p><input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI <input checked="" type="checkbox"/> Assessments # Visits: 3</p>	<p>2 to 3 ½ years Males</p>	<p>Autism Spectrum Disorder, Typical Development</p>
<p><u>(BRAIN) Brain Research in Autism- Investigating Neurophenotypes</u> This study aims to look at different patterns of brain development in Autisms Spectrum Disorder (ASD) specifically focused on evaluating children's brain size.</p>	<p><input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI <input checked="" type="checkbox"/> Assessments # Visits: 4</p>	<p>2 to 3 ½ years</p>	<p>Autism Spectrum Disorder</p>
<p><u>(CHARGE) Childhood Autism Risks from Genetics and the Environment</u> The goal of this study is to examine factors in the environment that are associated with Autism Spectrum Disorder (ASD) and other neurodevelopmental disabilities.</p> <p><i>Please note: children with Autism Spectrum Disorder must be clients of Alta Regional Center, North Bay, Valley Mountain, or East Bay Regional Center.</i></p>	<p><input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> Assessments # Visits: 1-2</p>	<p>2 to 5 years</p>	<p>Autism Spectrum Disorder, Down Syndrome or Developmental Delays (without ASD)</p>

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<p><u>(FX- Learn) Effects of AFQ056 on Language Learning in Young Children with Fragile X Syndrome</u> The goals of this project are to determine if AFQ056 is safe and effective for language learning when used with an intensive language intervention in young children with fragile X syndrome, to determine the effectiveness of the language intervention in FXS, and to develop biomarkers of CNS function and determine if these track with or predict clinical phenotypes and drug responses in young children with FXS.</p>	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> Pharmaceutical # Visits: 9+	2 to 6 years	Fragile X Syndrome
<p><u>(Social Phenotype) Exploring the Social Phenotype of 22q11.2 Deletion Syndrome and Idiopathic Autism Spectrum Disorder (iASD)</u> The purpose of this study is to advance our understanding of the potentially different biobehavioral bases of social impairments in 22q11.2 deletion syndrome and idiopathic Autism Spectrum Disorder (ASD).</p>	<input checked="" type="checkbox"/> Assessments # Visits: 2	6 to 12 years	Autism Spectrum Disorder or 22q11.2 Deletion Syndrome
<p><u>(TOOLBOX) A Cognitive Test Battery for Intellectual Disabilities</u> The purpose of the study is to explore whether certain types of intellectual or cognitive tests are reliable, valid and sensitive to improvement in evaluating treatment responses among individuals with intellectual disability.</p>	<input checked="" type="checkbox"/> Assessments # Visits: 2-3	6 to 25 years	Fragile X Syndrome, Down Syndrome, Intellectual Disability
<p><u>(STAAR) Specifying and Treating Anxiety in Autism Research</u> The goal of STAAR is to better characterize anxiety in ASD, to rigorously test medication and CBT therapies, and to examine neural mechanisms of anxiety and of treatment change in an effort to make interventions more precise and likely to promote positive outcomes for children with ASD and anxiety.</p>	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI <input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> Pharmaceutical/behavioral therapy # Visits: 3-6 assessment visits and 16 weekly treatment visits	8 to 12 years	Autism Spectrum Disorder with a clinical diagnosis of anxiety or symptoms of anxiety
<p><u>(CARPP) Cognitive Affective Risk and Protective factors for Psychosis in Chromosome 22q11.2 Deletion Syndrome</u> The purpose of this study is to look at the biological reactions to stress, anxiety levels and how they impact the brain and mind.</p>	<input checked="" type="checkbox"/> Saliva Samples <input checked="" type="checkbox"/> MRI/ EEG <input checked="" type="checkbox"/> Assessments # Visits: 2	12 to 18 years	Chromosome 22q11.2 Deletion Syndrome, Typical Development
<p><u>(MARBLES) Markers of Autism Risk in Babies-Learning Early Signs</u> The purpose of this study is to learn everything about mothers' and babies' lives in an effort to see whether there are any risk factors occurring during pregnancy that may be associated with the later diagnosis of Autism Spectrum Disorder (ASD). The babies will be followed for 3 years.</p>	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> Assessments # Visits: TBD	18 years or older	Mothers who have given birth to a child with ASD or are pregnant or likely to become pregnant