

Currently enrolling studies:

Type of Study	Age	Study Title and Description	Study Involvement	Clinical Diagnosis
Online	All ages	<u>SPARK: Simons Foundation Powering Autism Research and Knowledge</u> The SPARK study will recruit 50,000 individuals with Autism Spectrum Disorder (ASD), and their family members, from across the U.S. to join an online registry. DNA will be collected through saliva samples. The purpose of this national registry is to identify causes of ASD. To participate, visit: sparkforautism.org/ucd	<input checked="" type="checkbox"/> Saliva Samples <input checked="" type="checkbox"/> Questionnaires # Visits: 0	Autism Spectrum Disorder
Online (optional visits to the MIND)	Birth-6 months	<u>(SCREEN) Online Screening for Autism in the Community</u> The goal of this project is to test new methods of screening for ASD using an online system. Parents will complete brief screening questionnaires online when their child is 6, 9, 12, 18, 24, & 36 months old. Any enrolled children whose screening indicates developmental concerns will be invited for visits to the MIND Institute for comprehensive assessment via telehealth at 24 months and a visit to the MIND when the child is 36 months. Families must be enrolled by the time their child turns 6 months of age.	<input checked="" type="checkbox"/> Questionnaires # Visits: optional	Typical Development
Online - Telehealth	6-12 months	<u>(TEDI) The Telehealth Evaluation of Development for Infants</u> The goal of this project is to develop and test a telehealth method for conducting behavioral assessments of infants' early social communication and development.	<input checked="" type="checkbox"/> Telehealth – online study <input checked="" type="checkbox"/> Assessments # Visits: 0	Showing signs of social and communication delay
Online	2 to 17 years	<u>(Kids First) KidsFirst Research Network</u> This study is an <i>online</i> study that will require families to enroll in a database and complete questionnaires regarding demographic and behavioral information. Each unique response will help researchers further understand the challenges associated with autism and other developmental disabilities, which may lead to more tailored treatment and intervention. To participate, please visit: kidsfirst.stanford.edu/mind	<input checked="" type="checkbox"/> Online <input checked="" type="checkbox"/> Questionnaires # Visits: 0	Autism Spectrum Disorder or developmental disability, or developmental concerns
In-person, visits to the MIND required	2 to 3 ½ years	<u>(BRAIN) Brain Research in Autism- Investigating Neurophenotypes</u> This study examines different patterns of brain development in ASD, specifically focused on evaluating brain size.	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI <input checked="" type="checkbox"/> Assessments # Visits: 4	Autism Spectrum Disorder or Typical Development
Online-Telehealth	MALES 3 to 7 years	<u>(FMRP) Family Relationships and Parenting of Children with FXS</u> The goal of this research is to examine how family relationships and the broader family environment influence developmental outcomes for young children with FXS.	<input checked="" type="checkbox"/> Telehealth – online study # Visits: 0	Fragile X Syndrome or Fragile X Premutation

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In-person, visits to the MIND required	6 to 17 years	<u>(DS+ADHD) Evaluating Phenotype of DS+ADHD for Future Assessment and Medication Treatment</u> The purpose of this research study is to identify behavioral, cognitive, academic, and functional impairments that differentiate children with DS and ADHD from children with DS-only. These findings will help us to gain a better understanding of how ADHD affects children with DS.	<input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> Questionnaires # Visits: 1	Down syndrome
In-person, visits to the MIND required	6 to 17 years	<u>(DS-MPH) Evaluating Assessment and Medication Treatment of ADHD in Children with Down Syndrome</u> We propose a pilot clinical trial to support the first randomized clinical trial of stimulant medication in children with DS+ADHD. Children with Down syndrome have a 3-5 times greater prevalence of Attention Deficit Hyperactivity Disorder (ADHD) than typically developing children. Despite this higher risk of ADHD, rates of stimulant medication treatment are disproportionately low in children with DS+ADHD, even though stimulants are the most efficacious ADHD treatment and are recommended by consensus guidelines for use in children with intellectual disability and comorbid ADHD.	<input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> Questionnaires <input checked="" type="checkbox"/> Medication # Visits: 13	Down syndrome and ADHD
In-person, visits to the MIND required	6 to 25 years	<u>(MET) A Double-Blind, Placebo-Controlled Trial of Metformin in Individuals with Fragile X Syndrome</u> The goal of this 4-month placebo-controlled trial of metformin, a common type 2 diabetes medication, is to examine whether it is beneficial for improving language, cognition, and behavior in children and adults with FXS.	<input checked="" type="checkbox"/> Assessments <input checked="" type="checkbox"/> Medication <input checked="" type="checkbox"/> Blood Draws # Visits: 3	Fragile X Syndrome
In-person, visits to the lab required, telehealth	8 to 14 years	<u>(STAAR) Specifying and Treating Anxiety in Autism Research</u> The goal of STAAR is to better characterize anxiety in ASD and evaluate if medication or Cognitive Behavioral Therapy (CBT) is more effective for children with ASD and anxiety. Participants will be offered medication, CBT, or pill placebo. If put into pill placebo, participants will be offered their choice of complimentary CBT or study medication after completion of the study.	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> MRI (optional) <input checked="" type="checkbox"/> Assessments # Visits: 1-2 lab visits and weekly online/telehealth per week for 16 weeks	Autism Spectrum Disorder with symptoms of anxiety

Studies temporarily not recruiting due to COVID-19– check back for updates:

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	2½ to 7 years	<u>(PLAY-DS) Early Childhood Communication Outcome Measures for Down syndrome</u> The goal of this research study is to learn more about how samples of early communication and spoken language skills can be used to measure change over time in individuals with Down syndrome.	☑ Assessments # Visits: 1-2	Down syndrome
	3 to 17 years	<u>(MMID) Memory Measures for Intellectual Disabilities</u> The goal of this study is to develop a comprehensive, computerized memory assessment for use in populations with intellectual disabilities.	☑ Assessments # Visits: 3	Typical Development, Fragile X Syndrome, or Down Syndrome
	6 to 25 years	<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.	☑ Assessments # Visits: 2-3	Fragile X Syndrome, Down syndrome, or Intellectual Disability
	8 to 12 years	<u>(VRAM) Virtual Reality Attention Management</u> The goal of this study is to identify and pilot key tasks and operational design for distractor resistance training, in a virtual reality (VR) classroom, with participants who have attention problems and/or ADHD with significant inattention. This study is a preliminary assessment of VR training feasibility and intervention outcomes.	☑ Assessments ☑ Questionnaires # Visits: 3-4 4-6 weeks at home w/ headset	ADHD
	16 to 23 years	<u>(FXLA 2.0) Language Development in Fragile X Syndrome</u> The goal of the study is to learn more about how certain abilities, experiences, and biological aspects affect language abilities in individuals with fragile X syndrome and their transition into adulthood.	☑ Blood Draw ☑ Assessments # Visits: 2 visits to MIND, 2 home visits	Fragile X Syndrome
	12 to 15 years	<u>(COCOA) Cognitive Control in Autism</u> The purpose of the study is to gain a better understanding of cognitive functioning of individuals with Autism Spectrum Disorder (ASD) during the transition from adolescence to adulthood.	☑ MRI ☑ Assessments ☑ Questionnaires # Visits: 3	Autism Spectrum Disorder or Typical Development
	18 to 27 years	<u>(COCOA) Cognitive Control in Autism</u> The purpose of the study is to gain a better understanding of cognitive functioning of individuals with Autism Spectrum Disorder (ASD) during the transition from adolescence to adulthood.	☑ Assessments ☑ Questionnaires # Visits: 2	<i>African American or multiracial with African heritage with a diagnosis of Autism Spectrum Disorder, or Typical Development</i>
	18 to 30 years	<u>(MINT) Mapping Impulsivity Neurodevelopmental Trajectories</u> The purpose of the MINT Study is to better understand how self-control develops in young adults with and without ADHD.	☑ MRI ☑ Assessments # Visits: 10-12	ADHD or Typical Development

	18 years or older	<p><u>(MARBLES) Markers of Autism Risk in Babies-Learning Early Signs</u> This study enrolls pregnant women or those likely to become pregnant soon who have a child diagnosed with ASD. The purpose of this study is to learn about risk factors occurring during pregnancy that may be associated with ASD. The babies will be followed for 3 years.</p>	<input checked="" type="checkbox"/> Blood Draws <input checked="" type="checkbox"/> Assessments # Visits: 4 home visits, 2-4 visits to the MIND	Women who have given birth to a child with ASD <u>and</u> are currently pregnant or likely to become pregnant soon
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