UC DAVIS MIND INSTITUTE

Clinical Research Studies

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Study Title and Description	Study Components	Age	Diagnosis
SPARK: Simons Foundation Powering Autism Research and Knowledge 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. *To register visit sparkforautism.org/ucd*	☒Database study ☒In-home ☒Saliva Samples # Visits: 0	ALL AGES	Autism Spectrum Disorder
Infant Sibling Study The study aims to learn more about early social, language, cognitive, motor, and attention development to identify Attention Deficit Hyperactivity Disorder (ADHD) earlier, as well as understand the range of development in typically developing children.	☒Assessments # Visits: 5	6-18 months with at least one older sibling with a diagnosis (or a parent with ADD/ADHD)	ADHD or Typical Development
(CAMP) Children's Autism Metabolome Project The study is evaluating a laboratory test to diagnose Autism Spectrum Disorder in early childhood. This study will compare two methods for diagnosing Autism Spectrum Disorder: a laboratory test performed on a blood sample and standard behavioral testing and observation by a trained Psychologist.	☒Blood Draws ☒Assessments # Visits: 1-2	18-48 months	Autism Spectrum Disorder, Developmental Delay or Typical Development
(GAIN) Girls with Autism - Imaging of Neurodevelopment The purpose of the study is to identify biological differences in brain structure and connectivity in girls with Autism Spectrum Disorder.	☒Blood Draws ☒MRI ☒Assessments # Visits: 3	2 to 4 years Females	Autism Spectrum Disorder, Typical Development
(APP) Autism Phenome Project The primary goal of this study is to define different types of autism and to determine how autism is different from other childhood developmental disorders. By defining different subtypes of autism, we hope to find the cause(s) and better treatments for each type.	☒Blood Draws ☒MRI ☒Assessments # Visits: 3	2 to 3 ½ years Males	Autism Spectrum Disorder, Typical Development
(CHARGE) Childhood Autism Risks from Genetics and the Environment The goal of this study is to examine factors in the environment that are associated with Autism Spectrum Disorder (ASD) and other neurodevelopmental disabilities. *Please note: children with Autism Spectrum Disorder must be clients of Alta Regional Center, North Bay, Valley Mountain, or East Bay Regional Center.*	☒Blood Draws ☒Assessments # Visits: 1-2	2 to 5 years	Autism Spectrum Disorder, Down Syndrome or Developmental Delays (without ASD)
(SERT2) A Controlled Trial of Sertraline (Zoloft) in Young Children with Autism Spectrum Disorder The purpose of this study is to understand the effects of sertraline (Zoloft) on language development and autism symptoms in young children with Autism Spectrum Disorder (ASD).	☒Pharmaceutical ☒Blood Draws ☒Assessments # Visits: 3	2 to 6 years	Autism Spectrum Disorder
(MWL) Mechanisms Underlying Word Learning in Fragile X Syndrome and Autism Spectrum Disorder The goal of this study is to learn more about what factors are supporting language learning, and what factors are making language learning more difficult, for boys with fragile X syndrome or boys with Autism Spectrum Disorder during the preschool-period.	☒Assessments # Visits: 2	3 to 5 ½ Males	Autism Spectrum Disorder, Fragile X Syndrome

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(Social Phenotype) Exploring the Social Phenotype of 22q11.2 Deletion Syndrome and Idiopathic Autism Spectrum Disorder (iASD) 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).	☒Assessments # Visits: 2	6 to 12 years	Autism Spectrum Disorder or 22q11.2 Deletion Syndrome
(N Pronto) Expanding and Evaluating The Prototype of a Neurotherapeutic Video Game The purpose of this study is to learn whether certain types of video games alter the way children with 22q and FXS solve problems involving information about space and time.	☒Assessments ☒Computer Tasks # Visits: 3	6 to 12 years	22q11.2 Deletion syndrome, Fragile X Syndrome
(ELS) Expressive Language Sampling in Autism Spectrum Disorder The goal of this study is to learn more about how samples of spoken language can be used to measure change over time in spoken language, problem solving, and behavior of individuals with Autism Spectrum Disorder.	☒Assessments # Visits: 3	18 to 23 years	Autism Spectrum Disorder
(TOOLBOX) A Cognitive Test Battery for Intellectual Disabilities 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	6 to 25 years	Fragile X Syndrome, Down Syndrome, Intellectual Disability
(AKILI) An intervention study to assess at-home, game-based digital therapy for treating children with ADHD The purpose of this study is to evaluate the effects of EVO Multitasking digital therapy versus EVO Words digital therapy on attentional functioning and symptoms in children diagnosed with ADHD. **3 visits are needed if a child is taking stimulants, will need extra visit to 'washout' from medication.*	☒In Home program ☒Assessments # Visits: 2-3	8 to 12 years	ADHD (all types)
(LOVA) Combining Lovastatin and a Parent-Implemented Language Intervention in a Multimodal Treatment for Fragile X Syndrome The purpose of the study is to test the efficacy of a 20 week multi-modal treatment comprised of lovastatin or placebo, and the Parent-implemented Language Intervention (PILI) in children with FXS.	☒Assessments ☒Pharmaceutical ☒Intervention # Visits: 3	10 to 17 years Males	Fragile X Syndrome
(BETTA) Behavior and EEG Testing and Teenage Anxiety This study focuses on how thinking, feeling, and the biology of stress interact to affect how young people pay attention and plan their behavior.	☒Assessments ☒EEG # Visits: 1	12 to 17 years	Anxiety or Typical Development
(CARPP) Cognitive Affective Risk and Protective factors for Psychosis in Chromosome 22q11.2 Deletion Syndrome The purpose of this study is to look at the biological reactions to stress, anxiety levels and how they impact the brain and mind.	☒Saliva Samples ☒MRI/ EEG ☒Assessments # Visits: 2	12 to 18 years	Chromosome 22q11.2 Deletion Syndrome, Typical Development
(MINT) Mapping Impulsivity's Neurodevelopmental Trajectories The purpose of the MINT Study is to better understand how self-control develops in teens and young adults compared to those without ADHD.	☒MRI ☒Assessments # Visits: 10-12	15 to 23 years	Suspected ADHD or ADHD Diagnosis, Typical Development
(COCOA) Cognitive Control in Autism 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 # Visits: 2-3	12 to 27 years	Autism Spectrum Disorder, PDD-NOS, Typical Development
(MARBLES) Markers of Autism Risk in Babies-Learning Early Signs 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.	☒Blood Draws ☒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