

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Environmental contribution to neuronal-methylome dynamics in animal models of autism spectrum disorders	\$685,424	Q3.S.J	SALK INSTITUTE FOR BIOLOGICAL STUDIES
National Institutes of Health	Gene by Environment Influences on Forebrain Development	\$29,500	Q3.S.K	University of Southern California
Department of Defense - Army	Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine
National Institutes of Health	Role of Neurexin in Synapse Formation and Maintenance	\$59,966	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Optogenetic treatment of social behavior in autism	\$60,236	Q2.Other	University of California, Los Angeles
National Science Foundation	EAPSI: Design of augmentative and alternative communication devices for Japanese children with Autism Spectrum Disorder	\$0	Q5.L.A	Ringland Kathryn E
Brain & Behavior Research Foundation	Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$32,930	Q3.S.E	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT
Simons Foundation	Direct recording from autism brains	\$0	Q2.S.E	California Institute of Technology
National Institutes of Health	Axonal Ultrastructure of Temporal White Matter in Autism	\$78,250	Q2.Other	University of California, Davis
National Institutes of Health	Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	\$107,518	Q2.Other	University of California, Davis
National Institutes of Health	Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis	\$120,904	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Brain Systems Underlying Episodic Memory for Social Stimuli in Childhood Autism	\$126,252	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Genomics Core	\$142,154	Q2.Other	University of California, San Diego
National Institutes of Health	Multimodal Imaging of Social Brain Networks in ASD	\$149,499	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Integrity and Dynamic Processing Efficiency of Networks in ASD	\$641,036	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Function and Structure Adaptations in Forebrain Development	\$678,394	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
National Institutes of Health	Induced neuronal cells: A novel tool to study neuropsychiatric diseases	\$680,862	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	FUNCTION OF NEUREXINS	\$716,276	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Single-cell approaches to deconvolution of disease-associated signals	\$817,969	Q2.Other	University of California, San Diego
National Institutes of Health	Project 3: Immune Environment Interaction and Neurodevelopment	\$107,931	Q2.S.A	University of California, Davis
Organization for Autism Research	A peer-facilitated, multi-component social skills intervention for adolescents with ASD	\$9,759	Q4.L.D	University of California, Santa Barbara
National Institutes of Health	Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$190,558	Q2.S.G	University of California, Los Angeles

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National Institutes of Health	Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$253,652	Q2.S.G	University of California, Los Angeles
National Institutes of Health	A computational framework for predicting the impact of mutations in autism	\$431,352	Q2.S.G	University of California, San Diego
National Institutes of Health	PCBs interact with mTOR signaling to disrupt neuronal connectivity in zebrafish	\$56,042	Q3.S.K	University of California, Davis
National Institutes of Health	Functional Outcomes of Interactions between an ASD-Relevant Gene and Air Pollution	\$195,625	Q3.S.K	University of California, Davis
National Institutes of Health	Molecular genetic dissection of amygdala microcircuitry controlling decision-making	\$416,875	Q3.S.K	CALIFORNIA INSTITUTE OF TECHNOLOGY
National Institutes of Health	Augmenting language interventions for ASD: A translational approach	\$280,788	Q4.L.A	University of California, Los Angeles
National Institutes of Health	Targeting joint engagement in infants at risk for ASD: Integrating treatment wit	\$281,397	Q4.L.B	University of California, Los Angeles
Autism Speaks	Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles
Autism Speaks	Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
Organization for Autism Research	An evaluation of a behaviorally based social skills group for young children diagnosed with autism	\$10,000	Q4.L.D	Autism Partnership Foundation
National Science Foundation	HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$0	Q4.Other	University of Southern California
National Institutes of Health	Brain Systems Supporting Learning and Memory in Children with Autism	\$170,779	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Decoding Neural Systems Underlying Affective Prosody in Children with Autism	\$175,960	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Prefrontal corticothalamic circuits in autism	\$178,646	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	fMRI and EEG approaches to the resting state in ASD	\$190,411	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Targeting Environment and Neuro-Developmental Risks-2nd Workshop	\$20,000	Q3.Other	University of California, Davis
National Institutes of Health	2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$415,893	Q3.S.A	BROAD INSTITUTE, INC.
National Institutes of Health	Rapid Phenotyping for Rare Variant Discovery in Autism	\$453,878	Q3.S.A	University of California, Los Angeles
National Institutes of Health	4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$676,656	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	Q4.S.B	University of California, Los Angeles

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Autism Research Institute	Detection of clostridium perfringens toxins in the gut flora of autistic children	\$25,000	Q3.S.I	VA Medical Center, Los Angeles
National Institutes of Health	Early Identification of ASD: Translating Eye Tracking into Practice	\$373,818	Q1.S.B	University of California, San Diego
National Institutes of Health	Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	\$365,795	Q2.Other	University of California, Davis
National Science Foundation	Neural basis of cross-modal influences on perception	\$0	Q2.Other	University of California, San Diego
National Institutes of Health	Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	\$465,547	Q1.S.B	University of California, Davis
National Institutes of Health	DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	\$1,107,043	Q1.S.D	University of California, San Diego
National Institutes of Health	Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
National Institutes of Health	Typical and Pathological Cellular Development of the Human Amygdala	\$385,000	Q2.Other	University of California, Davis
National Institutes of Health	PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	\$386,607	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$416,433	Q2.Other	University of Southern California
National Institutes of Health	4/4 The Autism Sequencing Consortium: Autism gene discovery in the >20,000 exomes (supplement)	\$919,964	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	\$56,116	Q3.S.C	University of California, Davis
Autism Speaks	Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$0	Q3.S.C	Kaiser Permanente
Autism Speaks	Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$0	Q2.L.B	Stanford University
National Institutes of Health	Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome	\$352,066	Q2.S.D	STANFORD UNIVERSITY
National Institutes of Health	THE ROLE OF MECP2 IN RETT SYNDROME	\$356,699	Q2.S.D	University of California, Davis
National Institutes of Health	THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	\$82,158	Q3.S.C	University of California, Davis
National Institutes of Health	The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	\$155,989	Q3.S.C	University of California, San Diego
National Institutes of Health	Role of pre-natal Vitamin D and gene interactions in Autism Spectrum Disorders; leveraging an existing case-control study	\$322,090	Q3.S.C	SEQUOIA FOUNDATION

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National Institutes of Health	The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	\$1,096,329	Q3.S.C	University of California, San Diego
National Institutes of Health	THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	\$1,106,052	Q3.S.C	University of California, Davis
National Institutes of Health	Autism Risk, Prenatal Environmental Exposures, and Pathophysiologic Markers	\$1,798,242	Q3.S.C	University of California, Davis
National Institutes of Health	Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$2,715,972	Q3.S.D	University of California, Los Angeles
National Institutes of Health	Pesticide Exposure and Childhood Autism	\$222,763	Q3.S.F	University of California, Los Angeles
National Institutes of Health	Prenatal Exposure to Phthalates in a High-Risk ASD Pregnancy Cohort	\$313,000	Q3.S.F	University of California, Davis
National Institutes of Health	Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward	\$6,676	Q3.S.H	University of Southern California
National Institutes of Health	Maternal Diabetes during Pregnancy and Neurodevelopment in the Offspring	\$145,987	Q3.S.H	University of California, Los Angeles
National Institutes of Health	Air Pollution and Autism in Denmark	\$195,216	Q3.S.H	University of California, Los Angeles
National Institutes of Health	Childhood Autism and Air Pollution - A Statewide Study	\$206,175	Q3.S.H	University of California, Los Angeles
Autism Science Foundation	Endocannabinoid Enhancement of Sociability in Autism-related Mouse Models	\$0	Q4.S.B	University of California, Irvine
National Institutes of Health	Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder	\$392,186	Q2.L.A	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Predictors of Cognitive Development in Autism Spectrum Disorder	\$504,641	Q2.L.A	University of California, Davis
National Institutes of Health	Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder	\$770,599	Q2.L.A	University of California, Davis
National Institutes of Health	The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype	\$771,520	Q2.L.A	SAN DIEGO STATE UNIVERSITY
Simons Foundation	A functional near-infrared spectroscopy study of first signs of autism	\$61,232	Q1.L.A	Stanford University
Simons Foundation	Expressive Language Sampling as an Outcome Measure in ASD	\$124,985	Q1.L.C	The Regents of the University of California (Davis)
National Institutes of Health	Transcriptional Regulators in Normal Human Brain Development and Autism	\$21,100	Q2.Other	University of California, Los Angeles
National Institutes of Health	Identification of genetic pathways that regulate neuronal circuits in C. elegans	\$54,194	Q2.Other	University of California, San Diego
National Institutes of Health	Investigating role of neurexin-1 mutation in autism using human induced neurons	\$56,042	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Heparan sulfate in neurophysiology and neurological disorders	\$449,744	Q2.Other	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT

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National Institutes of Health	High content assays for cellular and synaptic phenotypes	\$462,191	Q2.Other	University of California, San Diego
National Institutes of Health	The neurobiological basis of heterogeneous social and motor deficits in ASD	\$464,220	Q2.Other	University of Southern California
National Institutes of Health	Dissecting neural mechanisms integrating multiple inputs in <i>C. elegans</i>	\$485,000	Q2.Other	SALK INSTITUTE FOR BIOLOGICAL STUDIES
National Institutes of Health	Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro.	\$496,813	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Reproducible protocols for robust cortical neuron and astroglial differentiation	\$500,132	Q2.Other	University of California, San Diego
National Institutes of Health	Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	\$605,511	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Autism Metabolomics and Environment (AIME)	\$244,232	Q3.S.H	University of California, Los Angeles
Department of Education	Transdisciplinary approaches to autism spectrum disorders	\$0	Q5.Other	SAN DIEGO STATE UNIVERSITY
Autism Speaks	Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$0	Q2.L.B	University of California, Santa Barbara
National Institutes of Health	BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism	\$455,630	Q2.S.D	University of California, Irvine
National Institutes of Health	Language Development in Fragile X Syndrome	\$495,501	Q2.S.D	University of California, Davis
National Institutes of Health	Genotype-Phenotype Relationships in Fragile X Families	\$633,789	Q2.S.D	University of California, Davis
National Institutes of Health	Longitudinal MRI Study of Brain Development in Fragile X	\$769,619	Q2.S.D	STANFORD UNIVERSITY
National Institutes of Health	Shared and Distinct Developmental Pathways to ADHD and Autism Spectrum Disorder	\$82,062	Q2.S.E	University of California, Davis
National Institutes of Health	Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism	\$558,136	Q3.S.I	CALIFORNIA INSTITUTE OF TECHNOLOGY
National Institutes of Health	Project 2: Perinatal Epigenetic Signature of Environmental Exposure	\$103,803	Q3.S.J	University of California, Davis
National Institutes of Health	Epigenetic and Transcriptional Dysregulation in Autism Spectrum Disorder	\$164,472	Q3.S.J	University of California, Los Angeles
National Institutes of Health	Epigenetic regulation of social impairments and treatment response in autism	\$240,750	Q3.S.J	STANFORD UNIVERSITY
National Institutes of Health	Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$407,053	Q3.S.J	University of California, Davis
Simons Foundation	Investigating Wnt signaling variants in mouse models of ASD	\$0	Q4.S.B	University of California, San Francisco

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Simons Foundation	Direct Recordings from the Brain in Autism	\$60,000	Q2.S.E	California Institute of Technology
Department of Education	Personnel development to improve services and results for children with disabilities	\$0	Q5.L.C	SAN DIEGO STATE UNIVERSITY
Simons Foundation	Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion	\$60,000	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Simons Foundation	Sleep Disordered Breathing, Microparticles and Proinflammation in ASD	\$60,000	Q2.S.E	Stanford University
Autism Speaks	EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	\$54,400	Q1.L.B	University of California, Los Angeles
Brain & Behavior Research Foundation	TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	\$7,769	Q2.Other	University of California, Los Angeles
Autism Science Foundation	Social Motivations and Striatal Circuit Development in Children and Adolescents with Autism	\$0	Q2.L.B	Stanford University
Autism Science Foundation	Undergraduate Research Award	\$0	Q2.L.B	SAN DIEGO STATE UNIVERSITY
Simons Foundation	Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$101,373	Q2.Other	University of California, Los Angeles
Autism Speaks	Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells	\$54,400	Q2.S.D	University of California, San Francisco
Brain & Behavior Research Foundation	a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$15,000	Q2.Other	University of California, Davis
Brain & Behavior Research Foundation	The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	\$25,000	Q2.Other	University of California, San Diego
Health Resources and Services Administration	Exploration of the relationship between race/ethnicity and behavioral co-morbidities and medication treatment in children with autism spectrum disorder	\$16,569	Q4.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
National Science Foundation	SBIR Phase I: Say What I Feel	\$149,964	Q4.S.G	iTherapy LLC
Simons Foundation	In vivo approach to screen ASD allele functions in cortical interneurons	\$125,000	Q4.S.B	University of California, San Francisco
Simons Foundation	Microcircuit endophenotypes for autism	\$62,500	Q4.S.B	University of California, San Francisco
Simons Foundation	SFARI Undergraduate Summer Research Program	\$24,000	Q7.K	California Institute of Technology
Simons Foundation	SFARI Undergraduate Summer Research Program	\$25,000	Q7.K	The Regents of the University of California, Los Angeles
Simons Foundation	Exploring VIPR2 microduplication linkages to autism in a mouse model	\$42,000	Q4.S.B	University of California, Los Angeles
Simons Foundation	A gene-driven systems approach to identifying autism pathology	\$998,627	Q2.S.G	University of California, San Francisco

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Simons Foundation	Mutations in noncoding DNA and the missing heritability of autism	\$244,030	Q3.L.B	University of California, San Diego
Brain & Behavior Research Foundation	Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry	\$30,000	Q2.S.B	Stanford University
Simons Foundation	Chromatin remodeling in autism	\$250,000	Q4.S.B	Stanford University
Department of Education	Project Surfboard: Sustaining Practicies by Specialists on Autism Spectrum Disorder	\$249,999	Q5.Other	SAN DIEGO STATE UNIVERSITY
Simons Foundation	Comparison of cortical circuit dysfunction in ASD model mice	\$62,500	Q4.S.B	The Regents of the University of California, Berkeley
Department of Education	Getting SMART about Social and Academic Engagement of Elementary aged students with Autism Spectrum Disorder	\$199,993	Q4.L.D	University of California, Los Angeles
Simons Foundation	Simons Simplex Collection support grant	\$13,200	Q3.L.B	University of California, Los Angeles
Simons Foundation	Decoding Affective Prosody and Communication Circuits in Autism	\$281,028	Q2.L.B	Stanford University
Autism Science Foundation	The impact of maternal inflammation during pregnancy on placental tryptophan metabolism, and the downstream consequences on fetal brain development	\$0	Q3.S.F	University of Southern California
National Institutes of Health	Protein network of high risk copy number variants for psychiatric disorders	\$193,750	Q2.Other	University of California, San Diego
National Institutes of Health	Mechanisms of Autonomic Brainstem Development	\$202,500	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
National Institutes of Health	CHARACTERIZATION OF OXYTOCIN RECEPTORS IN AUTISM SPECTRUM DISORDER	\$220,839	Q2.Other	University of California, Davis
National Institutes of Health	Folic Acid Prevention Pathways for ASD in High Risk Families	\$637,260	Q3.L.A	University of California, Davis
Simons Foundation	Illumina, Inc.	\$0	Q3.L.B	Illumina, Inc.
National Science Foundation	Building a Unified Research Agenda for K-12 Online Learning Environments to Improve STEM Outcomes for Students with Learning Disabilities and Students with Autism Spectrum Disorder	\$0	Q7.Other	SRI International
Brain & Behavior Research Foundation	Interrogating Synaptic Transmission in Human Neurons	\$30,000	Q2.Other	Stanford University
National Institutes of Health	Wireless EEG System for Training Attention and Eye Movement in ASD	\$256,065	Q4.Other	University of California, San Diego
National Institutes of Health	Treatment of Autism Symptoms in Children (TASC): Initial RCT with Active Control	\$385,000	Q4.Other	University of California, Los Angeles
National Institutes of Health	1/3 Treatment of Anxiety in Autism Spectrum Disorder	\$218,092	Q4.S.A	University of California, Los Angeles

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Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)	\$0	Q4.S.B	University of California, Davis
Autism Research Institute	Clinical Trial of Suramin to Treat Autism	\$100,000	Q4.L.A	University of California, San Diego
National Institutes of Health	Project 1: Epidemiology and the Environment in Autism (Hertz-Picciotto)	\$144,203	Q3.L.D	University of California, Davis
Simons Foundation	Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	\$268,210	Q4.S.B	University of California, Los Angeles
National Institutes of Health	Neural Predictors of Language Function After Intervention in Children with Autism	\$181,319	Q1.L.B	University of California, Los Angeles
National Institutes of Health	3/5-The Autism Biomarkers Consortium for Clinical Trials	\$709,293	Q1.L.B	University of California, Los Angeles
National Institutes of Health	Neurobehavioral Analysis Core	\$126,038	Q1.S.B	University of California, Davis
National Institutes of Health	DETECTING THE TRANSFER OF MATERNAL ANTIBODIES INTO THE FETAL RHESUS MONKEY BRAIN	\$233,500	Q2.S.A	University of California, Davis
National Institutes of Health	Intra-Prenatal Origins of Neurometabolic Consequences	\$319,550	Q2.S.A	University of California, Los Angeles
National Institutes of Health	Quantitative Measurements of Cortical Excitability in Neurodevelopmental Disorder	\$237,250	Q2.Other	STANFORD UNIVERSITY
National Institutes of Health	Variation in Neuroligin Concentration and Presynaptic Functional Development	\$237,438	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Cell-specific molecular mechanisms underlying brain pathology in ASD	\$274,021	Q2.Other	University of California, Davis
National Institutes of Health	Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$299,537	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	\$326,282	Q2.Other	University of California, Berkeley
Center for Autism and Related Disorders	Improving Cost Effectiveness Through Parent Training	\$0	Q4.L.D	Center for Autism and Related Disorders (CARD)
Center for Autism and Related Disorders	Evaluation of group-based implementation of applied behavior analysis	\$0	Q4.L.D	Center for Autism and Related Disorders (CARD)
National Institutes of Health	GABRB3 and Placental Vulnerability in ASD	\$581,537	Q2.S.A	STANFORD UNIVERSITY
National Institutes of Health	Neural Phenotypes of Females with Autism Spectrum Disorder	\$173,011	Q2.S.B	University of California, Davis
National Institutes of Health	Neural Phenotypes of Females with Autism Spectrum Disorder	\$675,236	Q2.S.B	University of California, Davis
National Institutes of Health	Cortactin and Spine Dysfunction in Fragile X	\$33,763	Q2.S.D	University of California, Irvine
National Institutes of Health	Investigating the role of Tsc1 in neocortical circuit assembly	\$52,406	Q2.S.D	STANFORD UNIVERSITY
National Institutes of Health	Mechanisms underlying word learning in fragile X syndrome and nonsyndromic ASD	\$156,333	Q2.S.D	University of California, Davis

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National Institutes of Health	The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	\$450,208	Q3.L.D	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	\$523,986	Q3.L.D	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Sensory Adapted Dental Environments to Enhance Oral Care for Children	\$632,761	Q5.L.E	University of Southern California
Simons Foundation	A probiotic therapy for autism	\$250,000	Q4.Other	California Institute of Technology
National Science Foundation	Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Brain & Behavior Research Foundation	Abnormal connectivity in autism	\$0	Q2.Other	University of California, Los Angeles
Simons Foundation	Immune signaling in the developing brain in mouse models of ASD	\$200,000	Q2.S.A	University of California, Davis
Department of Education	Implementing an emergent literacy program for students with intellectual disabilities and autism in general education classrooms	\$777,147	Q4.S.D	San Francisco State University
Simons Foundation	Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$101,258	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Randomized Controlled Pilot Trial of Pregnenolone in Autism	\$0	Q4.L.A	Stanford University
Health Resources and Services Administration	Improving Participation in Dental Care and Oral Health Outcomes for Underserved Children with ASD	\$428,773	Q5.L.E	University of California, Irvine
National Institutes of Health	Supported Employment, Cognitive Enhancement, Social Skills Program for ASD Adult	\$261,772	Q6.L.A	Rady Children's Hospital Health Center
Simons Foundation	ASD Family Biobank Program	\$0	Q3.L.B	Kaiser Foundation Research Institute
Brain & Behavior Research Foundation	Signaling Pathways that Regulate Excitatory-inhibitory Balance	\$30,000	Q2.Other	University of California, San Diego
Simons Foundation	Linking circuit dynamics and behavior in a rat model of autism	\$0	Q2.S.D	University of California, San Francisco
Simons Foundation	Neural mechanisms of social reward in mouse models of autism	\$249,994	Q4.S.B	Stanford University
Simons Foundation	Neurexin function in the prefrontal cortex and autism pathogenesis	\$250,000	Q4.S.B	Stanford University
Autism Speaks	Alterations of the human brain structural connectome in preschool aged children with ASD	\$30,000	Q2.Other	University of California, Davis
Autism Speaks	Response Heterogeneity to GI Treatment, Autism Symptom and Improved Oxidative Stress	\$0	Q4.L.C	CHILDREN'S HOSPITAL OF LOS ANGELES

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Autism Speaks	ATN 2014 - Children's Hospital Los Angeles	\$101,502	Q7.N	CHILDREN'S HOSPITAL OF LOS ANGELES
Simons Foundation	Analysis of autism-associated alleles in <i>C. elegans</i>	\$108,061	Q4.S.B	California Institute of Technology
Health Resources and Services Administration	Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,999,997	Q4.S.D	University of California, Los Angeles
National Institutes of Health	Biological Analysis Core	\$121,537	Q7.J	University of California, Davis
Simons Foundation	Neurobiology of Rai1, a critical gene for syndromic ASDs	\$87,500	Q2.S.D	The Board of Trustees of the Leland Stanford Junior University (Stanford)
Simons Foundation	Translational dysregulation of the RhoA pathway in autism	\$125,605	Q2.Other	The Regents of the University of California, San Diego
Simons Foundation	Detecting and Treating Social Impairments in a Monkey Model	\$146,468	Q4.S.B	Stanford University
Simons Foundation	Brain Imaging and Cell Signaling: Insights into the Biology of Autism	\$124,999	Q1.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3	\$70,914	Q1.L.C	University of Southern California
National Institutes of Health	Interdisciplinary Training for Autism Researchers	\$219,574	Q7.K	University of California, Davis
National Institutes of Health	Research education and training	\$232,137	Q7.K	University of California, Los Angeles
Simons Foundation	Illuminating the role of glia in a zebrafish model of Rett syndrome	\$62,500	Q2.S.D	The Regents of the University of California, San Diego
Autism Speaks	PACT Infrastructure Contract	\$82,500	Q7.P	University of California, Davis
Simons Foundation	Synergy between genetic risk and placental vulnerability to immune events	\$250,874	Q2.S.A	Stanford University
Autism Speaks	ASD Advocacy to Action: Planned Partnership of Under-Resourced Families in South Los Angeles	\$85,339	Q5.L.A	University of California, Los Angeles
Simons Foundation	Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	\$62,479	Q2.Other	The Regents of the University of California, Los Angeles
Simons Foundation	An investigation of inductive learning in autism	\$59,770	Q2.Other	The Regents of the University of California, Berkeley
National Institutes of Health	Predicting the Decline of Social Attention in Infants at Risk for Autism	\$176,818	Q1.L.A	University of California, Los Angeles
National Institutes of Health	Neural assays and longitudinal assessment of infants at very high risk for ASD	\$185,656	Q1.L.A	University of California, Los Angeles
Department of Defense - Army	Grandparental Exposures and Risk of Autism in the Third Generation	\$375,781	Q3.L.D	Public Health Institute, Oakland, CA
Simons Foundation	Dosage effects of 22q11 region on autism-relevant neural systems	\$0	Q3.S.A	University of California, Los Angeles
Simons Foundation	Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity	\$60,000	Q3.Other	The Regents of the University of California, San Francisco (Contracts & Grants)

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Agency for Healthcare Research and Quality	ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	\$0	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
Department of Defense - Army	Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$0	Q4.S.F	University of California, Davis
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q1.L.B	University of California, Santa Barbara
Brain & Behavior Research Foundation	Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$30,000	Q2.Other	University of California, San Francisco
Brain & Behavior Research Foundation	A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$30,000	Q2.Other	University of California, Los Angeles
Simons Foundation	Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$0	Q2.S.G	Posit Science Corporation
Simons Foundation	Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$385,668	Q2.S.G	University of California, San Francisco
Autism Speaks	Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype	\$29,500	Q2.S.G	University of California, Los Angeles
Simons Foundation	CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$246,539	Q2.Other	Stanford University
Department of Defense - Army	Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Simons Foundation	BAZ1B Haploinsufficiency and the Neuro-phenotypes of Williams Syndrome	\$59,000	Q2.S.D	The Regents of the University of California, Santa Barbara
Agency for Healthcare Research and Quality	Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	\$0	Q5.L.A	University of Southern California
Simons Foundation	Electrophysiological consequences of SCN2A mutations found in ASD	\$60,000	Q4.S.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Autism Science Foundation	Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing	\$35,000	Q3.S.A	University of California, San Diego
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q3.S.K	Stanford University
Department of Defense - Army	Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	Salk Institute for Biological Studies
Department of Defense - Army	Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	University of California, San Francisco
Center for Autism and Related Disorders	A Comparative Analysis of Home Versus Center-Based Treatment for Autism Spectrum Disorder	\$34,200	Q4.L.D	Center for Autism and Related Disorders (CARD)
Simons Foundation	Biomarker discovery for low sociability: A monkey model	\$62,500	Q4.S.B	Stanford University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$125,000	Q2.S.B	University of California, San Francisco
Autism Speaks	Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$0	Q4.L.A	Stanford University
Department of Education	Examining the efficacy of classroom pivotal response teaching in classroom environments	\$570,210	Q4.S.D	Rady Children's Hospital Health Center
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$103,684	Q4.S.B	University of California, Davis
Department of Defense - Army	GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California, San Diego
Health Resources and Services Administration	MCH Health Care Transitions Research Network (HCT-RN) for Youth and Young Adults with Autism Spectrum Disorders (ASD)	\$300,000	Q6.Other	University of California, Los Angeles
Department of Education	Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$0	Q4.L.D	SRI International
Center for Autism and Related Disorders	An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$18,200	Q3.S.A	Center for Autism and Related Disorders (CARD)
Organization for Autism Research	Effectiveness of a virtual coach application in social skills training for teens with ASD	\$0	Q4.L.D	University of California, Los Angeles
Department of Education	Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$399,277	Q4.L.D	University of California, Davis
Department of Education	Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	\$410,911	Q4.L.D	University of California, San Diego
Autism Speaks	Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$0	Q4.Other	University of California, Davis
Autism Speaks	The mechanism of the maternal infection risk factor for autism	\$0	Q2.S.A	California Institute of Technology
Department of Education	Leading Excellence for Academic Positions in Special Education (LEAPS)	\$249,930	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Center for Autism and Related Disorders	An Evaluation of a Mobile Application Designed to Teach Receptive Language Skills to Children with Autism Spectrum Disorder	\$56,700	Q4.Other	Center for Autism and Related Disorders (CARD)
Simons Foundation	Rapid screening for cortical circuit dysfunction in autism-related mouse models	\$0	Q2.S.D	University of California, Berkeley

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Autism Speaks	Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$254,491	Q4.S.D	University of California, Davis
Center for Autism and Related Disorders	An Evaluation of the Impact of Supervision Intensity, Supervisor Qualifications, and Caseload on Outcomes in the Treatment of Autism Spectrum Disorder	\$57,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Center for Autism and Related Disorders	Intensity and Learning Outcomes in the Treatment of Children with Autism Spectrum Disorder	\$90,860	Q4.Other	Center for Autism and Related Disorders (CARD)
Brain & Behavior Research Foundation	Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis	\$25,000	Q4.S.B	University of California, San Francisco
Simons Foundation	Behavioral evaluation of a novel autism mouse model	\$0	Q4.S.B	Shriners Hospitals for Children - Northern California
Center for Autism and Related Disorders	Using eLearning to train educational staff to implement paired-choice preference assessments	\$12,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Department of Education	Successful transition in the early school years for children with autism	\$0	Q5.Other	University of California, Riverside
Simons Foundation	16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$0	Q4.S.B	University of California, Davis
Simons Foundation	2014 GRC Molecular and Cellular Neurobiology Conference	\$0	Q7.K	Gordon Research Conferences
Simons Foundation	The Role of Cation/Proton Exchanger NHE9 in Autism	\$125,000	Q4.S.B	University of California, San Francisco
Autism Speaks	Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
Autism Speaks	A Centralized Standard Database for the Baby Siblings Research Consortium	\$25,000	Q7.O	University of California, Davis
Autism Speaks	Dissemination of Early Life Exposure Assessment Tool (ELEAT)	\$58,478	Q3.Other	University of California, Davis
Autism Speaks	Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$59,900	Q3.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Autism Speaks	Utilization of the Navigation Guide to Understand Environmental Exposures and Risk of ASD	\$50,908	Q7.O	University of California, San Francisco
Simons Foundation	A multidimensional database for the Simons Simplex Collection	\$0	Q7.Other	University of California, Los Angeles
Department of Defense - Army	Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Department of Education	Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,661	Q5.L.C	San Francisco State University
Autism Science Foundation	Investigating Autism with Direct Intracranial Recordings	\$35,000	Q2.S.E	California Institute of Technology
Autism Speaks	Perinatal exposure to airborne pollutants and associations with autism phenotype	\$0	Q3.S.C	University of Southern California
Simons Foundation	Development of a blood-based biomarker for autism	\$124,993	Q1.L.A	University of California, San Francisco
Simons Foundation	A functional genomic analysis of the cerebral cortex	\$0	Q2.Other	University of California, Los Angeles
Department of Education	Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
National Science Foundation	Predictors of success in postsecondary STEM education and employment for students with autism	\$0	Q6.S.A	SRI International
Centers for Disease Control and Prevention	Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$900,000	Q3.L.D	Kaiser Foundation Research Institute
Simons Foundation	Atypical architecture of prefrontal cortex in young children with autism	\$0	Q2.Other	University of California, San Diego
Health Resources and Services Administration	A Controlled Trial of Sertraline in Young Children with ASD	\$300,000	Q4.L.A	University of California, Davis
Center for Autism and Related Disorders	evaluation of effects of intensity and duration on outcomes across treatment domains for children with autism spectrum disorder	\$45,100	Q4.Other	Center for Autism and Related Disorders (CARD)
Autism Speaks	The use of eye-tracking as an outcome measure for an innovative early social intervention for ASD	\$50,064	Q4.Other	University of California, Santa Barbara
Simons Foundation	How do autism-related mutations affect basal ganglia function?	\$125,000	Q4.S.B	University of California, Berkeley
Health Resources and Services Administration	Physical Exercise to Reduce Anxiety in Underserved Children with ASD	\$40,374	Q4.S.H	University of California, Irvine
Autism Speaks	Determining a potential causal link between the human microbiome and autism symptoms	\$59,700	Q3.S.K	California Institute of Technology
National Institutes of Health	Pre-clinical evaluation of oxytocin for ASD treatment discovery	\$244,898	Q4.S.B	University of California, Davis
National Institutes of Health	Scalable technologies for genome engineering in hPSCs	\$341,000	Q4.S.B	University of California, San Diego
National Institutes of Health	Formation and Function of Circuitry for Vocal Learning	\$361,456	Q4.S.B	University of California, Los Angeles

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Administrative Core/Leadership	\$90,133	Q7.Other	University of California, Davis
Simons Foundation	Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	\$125,000	Q2.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Environmental Protection Agency	The UC Davis Center for Children's Environmental Health and Disease Prevention	\$343,850	Q3.L.D	University of California, Davis
National Institutes of Health	Effects of Chronic Intranasal Oxytocin	\$1,105,938	Q4.S.B	University of California, Davis
National Institutes of Health	Pivotal Response Treatment Package for Young Children with Autism	\$198,618	Q4.S.C	STANFORD UNIVERSITY
National Institutes of Health	Intervention effects of intensity and delivery style for toddlers with ASD	\$2,594,565	Q4.S.D	University of California, Davis
National Institutes of Health	Neuroimaging/Neurophysiology	\$193,070	Q7.Other	University of California, Los Angeles
National Institutes of Health	Administrative Core	\$210,704	Q7.Other	University of California, Los Angeles
National Institutes of Health	Diagnostic and recruitment	\$236,921	Q7.Other	University of California, Los Angeles
National Institutes of Health	Facility Core: Analytical and Environmental Chemistry	\$110,969	Q7.Other	University of California, Davis
National Institutes of Health	Administrative Core	\$543,171	Q7.Other	University of California, San Diego
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Core	\$0	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Department of Education	Adapting an Evidence-Based Practice for Children At-Risk for Autism for Diverse Early Intervention Service Systems	\$984,440	Q4.L.D	The Regents of the University of California
Autism Speaks	The Center for Autism & Developmental Disorders	\$69,340	Q7.N	University of California, Irvine
National Institutes of Health	Adaptive Interventions for Minimally Verbal Children with ASD in the Community	\$2,553,473	Q4.S.G	University of California, Los Angeles
National Institutes of Health	Developing the Autism Model of Implementation for ASD Community Providers	\$185,332	Q5.L.A	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Optimization of Fidelity Procedures for Pivotal Response Training in Autism	\$292,970	Q5.L.A	University of California, San Diego
Autism Speaks	Transitioning Pediatric Patients with ASD to Adult Care	\$0	Q6.S.A	Kaiser Permanente
National Institutes of Health	Effectiveness and Implementation of a Mental Health Intervention for ASD	\$746,838	Q5.L.A	University of California, San Diego

