

| Funder  | Project Title  | Funding     | Strategic Plan Objective | Institution  |
|---|--|-------------|--------------------------|--|
| Autism Speaks                                   | Baby Siblings Research Consortium  | \$50,000    | Q1.S.B                   | Autism Speaks (AS)   |
| Simons Foundation                               | Developing fNIRS as a brain function indicator in at-risk infants  | \$205,199   | Q1.L.A                   | Birkbeck College   |
| National Institutes of Health                   | EEG complexity trajectory as an early biomarker for autism   | \$261,000   | Q1.L.A                   | Boston Children's Hospital   |
| National Institutes of Health                   | ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis  | \$2,649,781 | Q1.L.A                   | Boston Children's Hospital   |
| Simons Foundation                               | RNA expression studies in autism spectrum disorders  | \$500,000   | Q1.L.A                   | Boston Children's Hospital   |
| Simons Foundation                               | Electrophysiological, metabolic and behavioral markers of infants at risk  | \$273,152   | Q1.L.A                   | Boston Children's Hospital   |
| Autism Science Foundation                       | Identifying early biomarkers for autism using EEG connectivity   | \$40,000    | Q1.L.A                   | Boston Children's Hospital   |
| National Institutes of Health                   | Neurobehavioral research on infants at risk for SLI and autism   | \$944,962   | Q1.L.A                   | Boston University  |
| Autism Speaks                                   | Neurophysiological investigation of language acquisition in infants at risk for ASD  | \$0         | Q1.L.A                   | Boston University  |
| National Institutes of Health                   | Intelligent data capture and assessment technology for developmental disabilities  | \$744,906   | Q1.S.B                   | Caring Technologies, Inc.  |
| Southwest Autism Research & Resource Center     | Intelligent data capture and assessment technology for developmental disabilities  | \$50,000    | Q1.S.A                   | Caring Technologies/Southwestern Autism Research & Resource Center (SARRC) |
| National Science Foundation                     | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$600,658   | Q1.L.B                   | Carnegie Mellon University   |
| Department of Defense - Autism Research Program | Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism           | \$0         | Q1.L.A                   | Centers for Disease Control and Prevention (CDC)                           |
| Simons Foundation                               | Extracellular signal-related kinase biomarker development in autism  | \$60,889    | Q1.L.B                   | Cincinnati Children's Hospital Medical Center - Research Foundation        |
| National Science Foundation                     | Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco             | \$0         | Q1.Other                 | Columbia University  |
| Simons Foundation                               | Characterizing ASD phenotypes by multimedia signal and natural language processing   | \$0         | Q1.L.C                   | Columbia University  |
| Simons Foundation                               | Dynamics of cortical interactions in autism spectrum disorders   | \$0         | Q1.L.A                   | Cornell University   |
| National Science Foundation                     | CAREER: Enabling community-scale modeling of human behavior and its application to healthcare  | \$106,218   | Q1.Other                 | Cornell University   |
| National Science Foundation                     | Social and statistical mechanisms of prelinguistic vocal development   | \$0         | Q1.Other                 | Cornell University   |
| National Institutes of Health                   | The ontogeny of social visual engagement in infants at risk for autism   | \$473,149   | Q1.L.A                   | Emory University   |

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| National Institutes of Health                   | Perception of social and physical contingencies in infants with ASD   | \$312,944   | Q1.L.B                   | Emory University                                  |
| Simons Foundation                               | Growth charts of altered social engagement in infants with autism   | \$273,481   | Q1.L.A                   | Emory University                                  |
| Simons Foundation                               | Physical and clinical infrastructure for research on infants at risk for autism   | \$1,549,665 | Q1.L.A                   | Emory University                                  |
| National Institutes of Health                   | ACE Center: The ontogeny of social vocal engagement and its derailment in autism  | \$201,683   | Q1.L.A                   | Emory University                                  |
| National Institutes of Health                   | Development of intermodal perception of social events: Infancy to childhood   | \$310,903   | Q1.L.C                   | Florida International University                  |
| National Institutes of Health                   | Intersensory perception of social events: Typical and atypical development  | \$134,355   | Q1.L.C                   | Florida International University                  |
| Simons Foundation                               | Language learning in autism   | \$0         | Q1.L.C                   | Georgetown University                             |
| Autism Speaks                                   | Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)  | \$149,999   | Q1.S.B                   | Georgia State University                          |
| National Institutes of Health                   | The development of joint attention after infancy  | \$291,832   | Q1.L.C                   | Georgia State University                          |
| National Science Foundation                     | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior                  | \$1,314,749 | Q1.L.B                   | Georgia Tech Research Corporation                 |
| Simons Foundation                               | Georgia Tech Non-Invasive Gaze Tracking Project   | \$140,347   | Q1.S.B                   | Georgia Tech Research Corporation                 |
| National Institutes of Health                   | Novel metabolic biomarker for autism spectrum disorder  | \$148,327   | Q1.S.E                   | Greenwood Genetic Center                          |
| Simons Foundation                               | Mobilized technology for rapid screening and clinical prioritization of ASD   | \$73,456    | Q1.S.B                   | Harvard Medical School                            |
| Brain & Behavior Research Foundation            | Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder | \$15,000    | Q1.L.A                   | Harvard University                                |
| National Institutes of Health                   | A network approach to the prediction of autism spectrum disorders   | \$223,949   | Q1.L.A                   | Indiana University                                |
| Agency for Healthcare Research and Quality      | Computer Assisted Autism Care (CAAC)  | \$490,038   | Q1.S.B                   | Indiana University-Purdue University Indianapolis |
| Autism Speaks                                   | Biomarkers and diagnostics for ASD  | \$149,600   | Q1.S.A                   | Institute of Biotechnology                        |
| Department of Defense - Autism Research Program | Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials               | \$0         | Q1.L.C                   | Johns Hopkins University                          |
| Autism Speaks                                   | Assessing the accuracy of rapid phenotyping of nonverbal autistic children  | \$0         | Q1.S.A                   | Kennedy Krieger Institute                         |

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| National Institutes of Health                             | Autism: Social and communication predictors in siblings  | \$805,136   | Q1.L.A                   | Kennedy Krieger Institute                                   |
| Department of Defense - Autism Research Program           | Identification of lipid biomarkers for autism  | \$0         | Q1.L.A                   | Massachusetts General Hospital                              |
| Department of Defense - Autism Research Program           | A prospective multi-system evaluation of infants at risk for autism  | \$0         | Q1.L.B                   | Massachusetts General Hospital                              |
| Department of Defense - Autism Research Program           | A prospective multi-system evaluation of infants at risk for autism  | \$0         | Q1.L.B                   | Massachusetts General Hospital                              |
| National Science Foundation                               | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$600,000   | Q1.L.B                   | Massachusetts Institute of Technology                       |
| Autism Speaks   | South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence                                    | \$43,198    | Q1.Other                 | Medical University of South Carolina                        |
| Substance Abuse and Mental Health Services Administration | E-Quality Measures development   | \$450,000   | Q1.S.C                   | MITRE   |
| Autism Speaks   | ASD prevalence by DSM-IV and DSM-5: Total population study   | \$44,660    | Q1.Other                 | Nathan Kline Institute                                      |
| Brain & Behavior Research Foundation                      | Predicting outcomes in autism with functional connectivity MRI   | \$0         | Q1.L.B                   | National Institute of Mental Health                         |
| National Institutes of Health                             | Clinical and behavioral phenotyping of autism and related disorders  | \$2,241,297 | Q1.L.B                   | National Institutes of Health                               |
| Organization for Autism Research                          | Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism  | \$10,000    | Q1.L.B                   | New England Center for Children                             |
| National Institutes of Health                             | Divergent biases for conspecifics as early markers for autism spectrum disorders   | \$269,604   | Q1.L.A                   | New York University   |
| National Institutes of Health                             | Translational developmental neuroscience of autism   | \$168,116   | Q1.L.B                   | New York University School of Medicine                      |
| National Science Foundation                               | HCC: Medium: Automatic detection of atypical patterns in cross-modal affect  | \$0         | Q1.L.B                   | Oregon Health & Science University                          |
| National Institutes of Health                             | Reducing barriers to autism care in Latino children  | \$179,521   | Q1.S.C                   | Oregon Health & Science University                          |
| Simons Foundation   | Functional brain networks in autism and attention deficit hyperactivity disorder   | \$112,359   | Q1.L.B                   | Oregon Health & Science University                          |
| Simons Foundation   | Prosodic and pragmatic processes in highly verbal children with autism   | \$0         | Q1.L.C                   | President & Fellows of Harvard College                      |
| Department of Defense - Autism Research Program           | Placental vascular tree as biomarker of autism/ASD risk  | \$0         | Q1.L.A                   | Research Foundation for Mental Hygiene, Inc.                |
| National Science Foundation                               | A novel quantitative framework to study lack of social interactions in autism  | \$0         | Q1.L.B                   | Rutgers, The State University of New Jersey - New Brunswick |

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| Southwest Autism Research & Resource Center     | Family/genetic study of autism   | \$50,000  | Q1.L.A                   | Southwest Autism Research & Resource Center (SARRC) |
| Southwest Autism Research & Resource Center     | Validation of a screening questionnaire for ASD in older children  | \$50,000  | Q1.S.A                   | Southwest Autism Research & Resource Center (SARRC) |
| Simons Foundation                               | Characterizing autism-related intellectual impairment and its genetic mechanisms   | \$59,443  | Q1.S.B                   | The Children's Hospital of Philadelphia             |
| National Science Foundation                     | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$313,753 | Q1.L.B                   | Trustees of Boston University                       |
| Health Resources and Services Administration    | Leadership Education in Neurodevelopmental Disabilities  | \$2,500   | Q1.S.B                   | University of Alabama at Birmingham                 |
| Department of Defense - Autism Research Program | Epigenetic biomarkers of autism in human placenta  | \$0       | Q1.L.A                   | University of California, Davis                     |
| National Institutes of Health                   | Infants at risk of autism: A longitudinal study  | \$587,150 | Q1.L.A                   | University of California, Davis                     |
| National Institutes of Health                   | Social-affective bases of word learning in fragile X syndrome and autism   | \$703,969 | Q1.Other                 | University of California, Davis                     |
| National Institutes of Health                   | Electrophysiological correlates of cognitive control in autism   | \$130,898 | Q1.L.B                   | University of California, Davis                     |
| National Institutes of Health                   | Analyses of brain structure and connectivity in young children with autism   | \$238,042 | Q1.L.B                   | University of California, Davis                     |
| National Institutes of Health                   | Neural predictors of language function after intervention in children with autism  | \$181,332 | Q1.L.B                   | University of California, Los Angeles               |
| National Institutes of Health                   | ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD   | \$186,019 | Q1.L.A                   | University of California, Los Angeles               |
| National Institutes of Health                   | Validity of an anxious subtype in autism spectrum disorders  | \$50,294  | Q1.L.B                   | University of California, Los Angeles               |
| National Institutes of Health                   | Are autism spectrum disorders associated with leaky-gut at an early critical period in development?                                  | \$302,820 | Q1.L.A                   | University of California, San Diego                 |
| National Institutes of Health                   | Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach   | \$272,164 | Q1.L.A                   | University of California, San Diego                 |
| National Science Foundation                     | INT2-Large: Collaborative research: Developing social robots   | \$0       | Q1.Other                 | University of California, San Diego                 |
| Simons Foundation                               | Autism and the RASopathies   | \$60,000  | Q1.S.B                   | University of California, San Francisco             |
| Simons Foundation                               | ERK signaling and autism: Biomarker development  | \$60,000  | Q1.L.B                   | University of California, San Francisco             |
| Department of Defense - Autism Research Program | An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders                          | \$154,617 | Q1.L.A                   | University of Colorado Denver                       |

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| Administration for Children and Families        | Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations | \$100,000 | Q1.S.B                   | University of Colorado Denver               |
| National Institutes of Health                   | Early detection of pervasive developmental disorders  | \$992,563 | Q1.S.A                   | University of Connecticut                   |
| National Institutes of Health                   | Visual attention and fine motor coordination in infants at risk for autism  | \$73,123  | Q1.L.A                   | University of Connecticut                   |
| National Institutes of Health                   | Language development and outcome in children with autism  | \$397,425 | Q1.L.C                   | University of Connecticut                   |
| Department of Defense - Autism Research Program | Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype   | \$0       | Q1.L.A                   | University of Florida                       |
| National Science Foundation                     | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior            | \$600,000 | Q1.L.B                   | University of Illinois at Urbana Champaign  |
| National Institutes of Health                   | The use of interactive television in identifying autism in young children   | \$188,750 | Q1.S.A                   | University of Kansas Medical Center         |
| Autism Speaks                                   | Dissemination of multi-stage screening to underserved culturally-diverse families   | \$0       | Q1.S.C                   | University of Massachusetts, Boston         |
| Department of Defense - Autism Research Program | Identifying neurobiological markers of the broader autism phenotype   | \$0       | Q1.L.B                   | University of Melbourne                     |
| National Science Foundation                     | INT2-Large: Collaborative research: Developing social robots  | \$0       | Q1.Other                 | University of Miami                         |
| Department of Defense - Autism Research Program | Atypical pupillary light reflex in individuals with autism  | \$0       | Q1.Other                 | University of Missouri                      |
| Autism Speaks                                   | Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)  | \$128,314 | Q1.S.B                   | University of North Carolina                |
| Simons Foundation                               | Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"   | \$180,000 | Q1.L.A                   | University of North Carolina at Chapel Hill |
| National Institutes of Health                   | Restricted repetitive behavior in autism  | \$416,315 | Q1.L.B                   | University of North Carolina at Chapel Hill |
| National Institutes of Health                   | Sensory experiences in children with autism   | \$472,116 | Q1.Other                 | University of North Carolina at Chapel Hill |
| National Institutes of Health                   | Sensory based CNS diagnostics for the clinic  | \$181,885 | Q1.S.B                   | University of North Carolina at Chapel Hill |
| National Institutes of Health                   | Sensory experiences in children with autism (supplement)  | \$51,920  | Q1.Other                 | University of North Carolina at Chapel Hill |
| National Institutes of Health                   | The impact of uncertainty in genome-wide testing for autism spectrum disorder   | \$240,000 | Q1.S.E                   | University of Pennsylvania                  |
| National Institutes of Health                   | Early social and emotional development in toddlers at genetic risk for autism   | \$369,179 | Q1.L.A                   | University of Pittsburgh                    |
|   |   |           |                          |   |

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| Autism Science Foundation                       | Postural and vocal development during the first year of life in infants at heightened biological risk for AS                         | \$30,000  | Q1.L.A                   | University of Pittsburgh                            |
| National Institutes of Health                   | Sensor-based technology in the study of motor skills in infants at risk for ASD  | \$191,070 | Q1.L.A                   | University of Pittsburgh                            |
| National Institutes of Health                   | Sensory integration and language processing in autism  | \$149,556 | Q1.L.C                   | University of Rochester                             |
| National Science Foundation                     | Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$600,000 | Q1.L.B                   | University of Southern California                   |
| Simons Foundation                               | Identification of candidate serum antibody biomarkers for ASD  | \$118,338 | Q1.L.B                   | University of Texas Southwestern Medical Center     |
| Department of Defense - Autism Research Program | Serum antibody biomarkers for ASD  | \$0       | Q1.L.A                   | University of Texas Southwestern Medical Center     |
| Department of Defense - Autism Research Program | Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)                                   | \$0       | Q1.L.B                   | University of Texas Southwestern Medical Center     |
| Simons Foundation                               | Measuring imitation and motor control in severe autism   | \$59,256  | Q1.L.C                   | University of Washington                            |
| National Institutes of Health                   | Social-emotional development of infants at risk for autism spectrum disorders  | \$662,677 | Q1.L.B                   | University of Washington                            |
| National Institutes of Health                   | Social-emotional development of infants at risk for autism spectrum disorders (supplement)   | \$39,002  | Q1.L.B                   | University of Washington                            |
| National Institutes of Health                   | Cultural equivalence of autism assessment for Latino children  | \$74,250  | Q1.S.B                   | University of Wisconsin - Madison                   |
| National Institutes of Health                   | Predicting useful speech in children with autism   | \$726,467 | Q1.L.B                   | Vanderbilt University Medical Center                |
| National Institutes of Health                   | Neural economics of biological substrates of valuation   | \$379,913 | Q1.L.C                   | Virginia Polytechnic Institute and State University |
| National Institutes of Health                   | Multimedia tool for psychology graduate student ASD assessment training  | \$447,062 | Q1.S.A                   | Virtual Reality Aids, Inc.                          |
| National Institutes of Health                   | fcMRI in infants at high risk for autism   | \$584,566 | Q1.L.A                   | Washington University in St. Louis                  |
| National Institutes of Health                   | Early quantitative characterization of reciprocal social behavior  | \$590,421 | Q1.L.C                   | Washington University in St. Louis                  |
| National Institutes of Health                   | The intersection of autism and ADHD  | \$160,519 | Q1.L.B                   | Washington University in St. Louis                  |
| National Institutes of Health                   | Gene dosage imbalance in neurodevelopmental disorders (supplement)   | \$195,000 | Q1.S.E                   | Weis Center for Research - Geisinger Clinic         |
| National Institutes of Health                   | Gene dosage imbalance in neurodevelopmental disorders  | \$689,795 | Q1.S.E                   | Weis Center for Research - Geisinger Clinic         |
| Simons Foundation                               | Looking at autism through the nose   | \$75,000  | Q1.L.C                   | Weizmann Institute of Science                       |

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| Department of Education                         | Test of integrated language and literacy skills validation research   | \$496,164 | Q1.Other                 | Western Michigan University |
| National Institutes of Health                   | Development of a novel biomarker test for autism risk screening   | \$336,569 | Q1.S.A                   | Xen Biofluidx, Inc.         |
| Brain & Behavior Research Foundation            | Neural correlates of social perception in autism  | \$30,000  | Q1.L.C                   | Yale Child Study Center     |
| Department of Defense - Autism Research Program | Subtyping of toddlers with ASD based on patterns of social attention deficits                                 | \$665,455 | Q1.L.B                   | Yale University             |
| Simons Foundation                               | Brain-behavior growth charts of altered social engagement in ASD infants                                      | \$431,189 | Q1.L.A                   | Yale University             |
| National Institutes of Health                   | Development of face processing in infants with autism spectrum disorders                                      | \$409,613 | Q1.L.B                   | Yale University             |
| National Institutes of Health                   | Social evaluation in infants and toddlers   | \$409,613 | Q1.L.B                   | Yale University             |
| National Science Foundation                     | CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling | \$0       | Q1.L.B                   | Yale University             |
| National Institutes of Health                   | Toward outcome measurement of anxiety in youth with autism spectrum disorders                                 | \$829,922 | Q1.L.B                   | Yale University             |
| National Institutes of Health                   | ACE Center: Gaze perception abnormalities in infants with ASD   | \$286,420 | Q1.L.A                   | Yale University             |
| National Institutes of Health                   | ACE Center: Auditory mechanisms of social engagement  | \$257,504 | Q1.Other                 | Yale University             |
| National Institutes of Health                   | ACE Center: Eye-tracking studies of social engagement   | \$287,074 | Q1.L.B                   | Yale University             |
| Simons Foundation                               | Physical and clinical infrastructure for research on infants-at-risk for autism at Yale                       | \$0       | Q1.L.A                   | Yale University             |
| Department of Defense - Autism Research Program | Biomarkers for autism and for gastrointestinal and sleep problems in autism                                   | \$0       | Q1.L.A                   | Yale University             |
| National Institutes of Health                   | Developmental social neuroscience in infants at-risk for autism   | \$181,367 | Q1.L.C                   | Yale University             |
| National Institutes of Health                   | Extraction of functional subnetworks in autism using multimodal MRI   | \$360,294 | Q1.L.B                   | Yale University             |
| National Institutes of Health                   | Components of limited activity monitoring in toddlers with ASD  | \$82,896  | Q1.L.B                   | Yale University             |
| National Institutes of Health                   | ACE Center: Assessment Core   | \$510,544 | Q1.L.A                   | Yale University             |
| Autism Speaks                                   | Improved early detection of autism using novel statistical methodology  | \$49,880  | Q1.L.B                   | Yale University             |

