Abulia / Absence of the Septum Pellucidum / Acquired Brain Injury / Acephalia / Achromatopsia / Acid Lipase Disease / Acoustic Neuroma / Acute Disseminated Encephalomvelitis / Acute Stress Disorder / Addiction / Adjustment Disorder / Adrenoleukodystrophy / Advanced Sleep Phase Disorder / Agenesis of the Corpus Callosum / Agnosia / Agoraphobia / Agraphia / Aids - Neurological Manifestations / Aicardi-Goutieres Syndrome / Aicardi Syndrome / Akinetopsia / Alcoholic Dementia / Alcohol-Related Brain Damage / Alcoholism / Alexander Disease / Alien Hand Syndrome / Allan-Herndon-Dudley Syndrome / Alpers' Disease / Alternating Hemiplegia / Alternating Hemiplegia of Childhood / Alzheimer's Disease / Amaurosis Fugax / Amnesia / Amyotrophic Lateral Sclerosis / Anencephaly / Aneurysm / Angelman Syndrome / Antiphospholipid Syndrome / Anorexia Nervosa / Anosognosia / Aphantasia / Aphasia / Apraxia / Arachnoid Cysts / Arachnoiditis / Arnold-Chiari Malformation / Arteriovenous Malformation / Asperger Syndrome / Asomatognosia / Ataxia / Ataxias and Cerebellar or Spinocerebellar Degeneration / Ataxia Telangiectasia / ATR-16 Syndrome / Attention Deficit-Hyperactivity Disorder / Atrial Fibrillation and Stroke / Auditory Processing Disorder / Autism Spectrum Disorder / Avoidant/Restrictive Food Intake Disorder / Back Pain / Barth Syndrome / Batten Disease / Behcet's Disease / Bell's Palsy / Benign Essential Blepharospasm / Bipolar I Disorder / Bipolar II Disorder / Binge-Eating Disorder / Binswanger's Disease / Blepharospasm / Brachial Plexus Injuries / Brain and Spinal Tumors / Brown-Sequard Syndrome / Bulimia Nervosa / Cadasil / Canavan Disease / Capgras Delusion / Carpal Tunnel Syndrome / Causalgia / Cavernomas / Central Cord Syndrome / Central Pain Syndrome / Central Pontine Myelinolysis / Centronuclear Myopathy / Cephalic Disorder / Cerebellar Degeneration / Cerebellar Hypoplasia / Cerebral Aneurysms / Cerebral Arteriosclerosis / Cerebral Atrophy / Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy / Cerebral Beriberi / Cerebral Cavernous Malformation / Cerebral Dysgenesis-Neuropathy-Ichthyosis-Keratoderma Syndrome / Cerebral Gigantism / Cerebral Hypoxia / Cerebral Lupus / Cerebral Palsy / Cerebral Vasculitis / Cerebro-Oculo-Facio-Skeletal Syndrome / Cerebrospinal Fluid Leak / Cervical Dystonia / Cervical Spinal Stenosis / Charcot-Marie-Tooth Disease / Chiari Malformation / Chorea / Chronic Fatigue Syndrome / Chronic Inflammatory Demyelinating Polyneuropathy / Chronic Pain / Chronic Traumatic Encephalopathy / Circadian Rhythm Sleep Disorder / Cluster Headache / Cockayne Syndrome / Coffin-Lowry Syndrome / Colour Blindness / Colpocephaly / Coma / Communication Disorder / Complex Post-Traumatic Stress Disorder / Complex Regional Pain Syndrome / Compression Neuropathy / Concussion / Confusional Arousals / Congenital Facial Diplegia / Congenital Distal Spinal Muscular Atrophy / Congenital Myasthenia / Congenital Myopathy / Corticobasal Degeneration / Cornelia De Lange Syndrome / Cotard Delusion / Cranial Arteritis / Craniosynostosis / Creutzfeldt-Jakob Disease / Cumulative Trauma Disorders / Cushing's Syndrome / Cyclic Vomiting Syndrome / Cyclothymia / Cyclothymic Disorder / Cytomegalic Inclusion Body Disease / Cytomegalovirus Infection / Dancing Eyes-Dancing Feet Syndrome / Dandy-Walker Syndrome / Dawson Disease / Delayed Sleep Phase Disorder / Delirium / Dementia / Dementia with Lewy Bodies / Dermatomyositis / Coordination Disorder / Developmental Dyspraxia / Diabetic Neuropathy / Diabulimia / Disinhibited Social Diss iative Amnesia / Dissociative Fugue / Dissociative Identity Disorder / Dissociative Neurological ia / Dysgraphia / Dyslexia / Dyspraxia / Dyscalculia / Dyssynergia Cerebellaris Myoclonica / uton ella Syndrome / Encephalitis Lethargica / Encephaloceles / Encephalopathy / Epilepsy / Erbead Syndrome / Fabry Disease / Fahr's Syndrome / Fainting / Familial Dysautonomia / Familial Fibromuscular Dysplasia / Foot Drop / Friedreich Ataxia / Frontotemporal Dementia / Functional Neurologic igliosidoses / Gerstmann's Syndrome / Gerstmann-/ Headache / Head Injury / Hemicrania Continua / editary Spastic Paraplegia / Heredopathia Atactica ciated Neurocognitive Disorder (Hand) / Holmes-Adie Holoprosencephaly / HTLV-1 Associated Myelopathy / Huntington's Disease / Hydranencephaly / Hydrocephalus / Hydrocephalia / Hydromyelia / nations / Hypnopompic Hallucinations / Hypoxia / euroaxonal Dystrophy / Infantile Refsum Disease / Syndrome / Irregular Sleep-Wake Rhythm / Isaacs' on Klippel-Feil Syndrome / Klippel-Trenaunay Syndrome / Klüver-Bucy Syndrome / Krabbe Disease / Kuru / Lafora Disease / Lambert-Eaton Myasthenic Syndrome / Landau-Kleffner Syndrome / Language Disorder / Lateral Medullary Syndrome / Learning Disabilities / Leigh's Disease / Lennox-Gastaut Syndrome / Lesch-Nyhan Syndrome / Leukodystrophy / Leukoencephalopathy with Vanishing White Matter / Lewy Body Dementia / Lipid Storage Diseases / Lipoid Proteinosis / Locked-in Syndrome / Lou Gehrig's Disease / Lissencephaly / Lumbar Disc Disease / Lumbar Hernia / Lumbar Spinal Stenosis / Lupus Erythematosus - Neurological Seguelae / Lyme Disease / Machado-Joseph Disease / Machado-Disease / Machado Macrocephalia / Macropsia / Major Depressive Disorder / Mal De Debarquement / Megalencephaly / Megalencephalic Leukoencephalopathy with Subcortical Cysts / Melkersson-Rosenthal Syndrome / Ménière's Disease / Menkes Disease / Meningitis / Meningitis and Encephalitis / Meralgia Paresthetica / Metachromatic Leukodystrophy / Microcephaly / Micropsia / Migraine / Mild Brain Injury / Miller Fisher Syndrome / Minimally Conscious State / Mini-stroke / Mitochondrial Myopathies / Misophonia / Moebius Syndrome / Monomelic Amyotrophy / Motor Neuron Diseases / Morvan Syndrome / Motor Skills Disorder / Moyamoya Disease / Mucolipidoses / Mucopolysaccharidoses / Multi-Infarct Dementia / Multifocal Motor Neuropathy / Multiple Sclerosis / Multiple System Atrophy / Muscular Dystrophy / Myasthenia Gravis / Myoclonus / Myopathy / Myotonia / Myotonia Congenita / Myalgic Encephalomyelitis / Myelinoclastic Diffuse Sclerosis / Myoclonic Encephalopathy of Infants / Myotubular Myopathy / Narcolepsy / Neuroacanthocytosis / Neurodegeneration with Brain Iron Accumulation / Neurofibromatosis / Neuroleptic Malignant Syndrome / Neurological Complications of Aids / Neurological Complications of Lyme Disease / Neurological Consequences of Cytomegalovirus Infection / Neurological Sequelae of Lupus / Neuromyelitis Optica / Neuronal Migration Disorders / Neurosarcoidosis / Neurosyphilis / Neurotoxicity / Niemann-Pick Disease / Night Eating Syndrome / Nightmare Disorder / Night Terrors / Non-24-Hour Sleep-Wake Disorder / Nonverbal Learning Disorder / Normal Pressure Hydrocephalus / Occipital Neuralgia / Occult Spinal Dysraphism Sequence / Ohtahara Syndrome / Olivopontocerebellar Atrophy / Opsoclonus Myoclonus Syndrome / Optic Neuritis / Orthorexia Nervosa / Orthostatic Hypotension / O'sullivan-Mcleod Syndrome / Otosclerosis / Overuse Syndrome / Palinopsia / PANDAS / Panic Disorder / Pantothenate Kinase-Associated Neurodegeneration / Paralysis / Paramyotonia Congenita / Paraneoplastic Syndromes / Paraneoplastic Diseases / Paraplegia / Paresis / Paresthesia / Parkinson's Disease / Paroxysmal Attacks / Paroxysmal Choreoathetosis / Paroxysmal Hemicrania / Parry-Romberg Syndrome / Pelizaeus-Merzbacher Disease / Periodic Paralyses / Peripheral Neuropathy / Periventricular Leukomalacia / Pervasive Developmental Disorders / Phantom Limb / Phantom Pain / Photic Sneeze Reflex / Phytanic Acid Storage Disease / Pica Disorder / Pick's Disease / Prion Diseases / Pinched Nerve / Piriformis Syndrome / Pituitary Tumors / PMG / Polio / Polyneuropathy / Polymicrogyria / Polymyositis / Pompe Disease / Porencephaly / Postherpetic Neuralgia / Postpartum Depression / Post-Polio Syndrome / Post-Traumatic Stress Disorder / Postural Hypotension / Postural Orthostatic Tachycardia Syndrome / Postural Tachycardia Syndrome / Prader-Willi Syndrome / Premenstrual Dysphoric Disorder / Primary Lateral Sclerosis / Progressive Hemifacial Atrophy / Progressive Multifocal Leukoencephalopathy / Progressive Supranuclear Palsy / Prolonged Grief Disorder / Prosopagnosia / Pseudotumor Cerebri / Psychotic Depression / Purging Disorder / Rapid Eye Movement Sleep Behaviour Disorder / Rasmussen's Encephalitis / Reactive Attachment Disorder / Refsum Disease / Repetitive Motion Disorders / Restless Legs Syndrome / Rett Syndrome / Reye's Syndrome / Rumination Syndrome / Saint Vitus Dance / Sandhoff Disease / Sanfilippo Syndrome / Savant Syndrome / Schilder's Disease / Schizencephaly / Sclerosis / Seasonal Affective Disorder / Seizures / Selective Mutism / Sensory Processing Disorder / Separation Anxiety Disorder / Septo-Optic Dysplasia / Shaken Baby Syndrome / Shingles / Shy-Drager Syndrome / Sjögren's Syndrome / Sleep Apnea / Sleeping Sickness / Sleepwalking / Sleep Related Eating Disorder / Sleep Related Movement Disorder / Slurred Speech / Social Anxiety Disorder / Social $Communication\ Disorder\ /\ Spasmodic\ Dysphonia\ /\ Spasticity\ /\ Specific\ Phobia\ /\ Speech\ Sound\ Disorder\ /\ Spinal\ and\ Bulbar\ Muscular\ Atrophy\ /\ Spinal\ Speech\ Spinal\ Spin$ Bifida / Spinal Cord Infarction / Spinal Cord Injury / Spinal Cord Tumors / Spinal Muscular Atrophy / Spinocerebellar Ataxia / Split-Brain / Snatiation / Steele-Richardson-Olszewski Syndrome / Stiff-Person Syndrome / Striatonigral Degeneration / Stroke / Stuttering / Sturge-Weber Syndrome / Subarachnoid Haemorrhage / Subacute Sclerosing Panencephalitis / Subcortical Arteriosclerotic Encephalopathy / Superficial Siderosis / Substance Use Disorder / Sunct Headache / Swallowing Disorders / Sydenham's Chorea / Syncope / Synesthesia / Syringomyelia / Tabes Dorsalis / Tardive Dyskinesia / Tarlov Cysts / Tarsal Tunnel Syndrome / Tay-Sachs Disease / Temporal Arteritis / Temporal Lobe Epilepsy / Tetanus / Tethered Spinal Cord Syndrome / Tic Disorder / Tic Douloureux / Tinnitus / Thalamocortical Dysrhythmia / Thomsen Disease / Thoracic Outlet Syndrome / Thyrotoxic Myopathy / Todd's Paralysis / Tourette Syndrome / Toxic Encephalopathy / Transient Ischemic Attack / Transmissible Spongiform Encephalopathies / Transverse Myelitis / Traumatic Brain Injury / Traumatic Encephalopathy / Tremor / Trichotillomania / Trigeminal Neuralgia / Tropical Spastic Paraparesis / Troyer Syndrome / Trypanosomiasis / Tuberous Sclerosis / Vascular Dementia / Vasculitis Syndromes of the Central and Peripheral Nervous Systems / Vegetative State / Von Hippel-Lindau Disease / Wallenberg's Syndrome / Wernicke-Korsakoff Syndrome / Whipple's Disease / Williams Syndrome / Wilson Disease / Zellweger Syndrome / Abulia / Absence of the Septum Pellucidum / Acquired Brain Injury / Acephalia / Achromatopsia / Acid Lipase

ALL OF US.
ALL OF YOUR
FRIENDS. ALL OF
YOUR FAMILY.
ALL OF YOUR COWORKERS. BRAIN
DISEASE AFFECTS
ALL OF US.

Your aunt with Alzheimer's. Your co-worker struggling with depression. Your friends with an autistic child. It's almost impossible to calculate the total impact of brain health in Canada. But that doesn't mean we shy away from the challenge. We're tackling these challenges with the best and brightest minds in the country.

"The Canadian Prospective Cohort Study to Understand Progression in Multiple Sclerosis (CanProCo) is the first project of its kind in Canada aiming to gain a better understanding of the unpredictable nature of multiple sclerosis (MS), and its progression."

Dr. Jiwon OhBrain Canada-Funded Researcher

"Brain Canada is a leader when it comes to investing in sex and gender-based considerations in brain research."

Lynn Posluns
President & Founder, Women's Brain Health Initiative
Brain Canada Partner

"The Alzheimer's disease biomarker test, which we have now made available to all Canadians, can help doctors accurately diagnose the disease even when only mild symptoms are present."

Dr. Mari DeMarco Brain Canada-Funded Researcher

"Brain Canada really took a chance on the Early Years project and has approached it in a way that demonstrates a real understanding of the fact that research doesn't happen in a vacuum. There is a way to approach research from a community—driven and relational perspective."

Chloe Ferguson Vice-President, Martin Family Initiative Brain Canada Partner

86 Billion Neurons. A Million Mysteries. Our Revolutionary One Brain Approach.

The human brain is the most complicated structure in the known universe. This fascinating machine somehow grants us the gift of consciousness, and our deepest feelings. So many incredible interconnected systems, and so many ways for it to break down. That's why we fund Canadian-based brain research of every type, with our holistic One Brain approach, where every discovery has the potential to have an impact across a spectrum of diseases and disorders.

Brain Canada Funds Research That's Truly "Out There". Because That's Where the Answers Are.

Brain Canada funds high-risk, high-reward research with the potential for significant impact. We back bold ideas and cutting-edge technology like stem cells, 3D imaging, and artificial intelligence. We also fund research that investigates health inequities to understand the different ways brain diseases affect men, women, and gender-diverse groups.

Funding Breakthroughs for Alzheimer's Disease.

Over half a million Canadians are currently living with Alzheimer's, and that number is projected to double by 2031. Dr. Mari DeMarco has developed an early detection test to help patients and their families make better plans, with better health outcomes.

Working Together for Indigenous Infants and Their Families.

The Martin Family Initiative's Early Years program was founded on the premise that lifelong well-being begins early, with the bond formed between a parent and their infant. The program combines traditional Indigenous knowledge with the latest research on early childhood development to support pregnant women and young families.

The Brain Bank. This Catalogue of Brain Illness Is Essential to Breakthrough Research.

The Douglas-Bell Canada Brain Bank houses more than 3,600 brains. These samples come from individuals who experienced not just brain diseases, but also mental illnesses, an area that is still in many ways a mystery for researchers.

Funding Solutions for People with Spinal Cord Injury.

Spinal cord injury often leads to a secondary problem of irregular blood pressure. That pressure problem then leads to an elevated risk of heart disease and stroke. Dr. Aaron Phillips has developed an innovative new technology that acts like a thermostat to regulate blood pressure for people with spinal cord injury.

This Is a Truly Exciting Time for Brain Research. New Technologies and Treatments Are Just over the Horizon.

At Brain Canada, we envision a future where people across the country have access to solutions for brain diseases and disorders, and can live better, healthier lives. We invite you to join us on our quest, where your donation will be put to hard work, funding Canada's most promising brain health research projects. Go to braincanada.ca and find the Donate button in the top right corner.

"Requests for tissues from the Brain Bank come from leading international laboratories. More than 1,000 brain samples are prepared and sent to 30–50 international researchers each year."

Dr. Gustavo Turecki Brain Canada-Funded Researcher

"To bring about meaningful change, we need to invest in timely research that will generate long-term benefits. The Bell Let's Talk-Brain Canada Mental Health Research Program supports innovative projects that meet the demand for improved, more accessible and more effective mental health care for Canadians who are struggling with mental health issues."

Mary Deacon Chair, Bell Let's Talk Brain Canada Partner

"Through our partnership with Brain Canada, we're focused on increasing and accelerating access to services for youth who are facing mental health concerns, while facilitating digital solutions for practitioners and researchers."

Mark Beckles Vice-President, Social Impact & Innovation, RBC Brain Canada Partner

"We are proud to be a part of this exciting collaboration with Brain Canada to invest in open science research that will transform the way we understand ALS, conduct future clinical trials and develop new treatments for ALS."

Tammy Moore CEO, ALS Canada Brain Canada Partner

JOIN US ON OUR QUEST TO BETTER UNDERSTAND THE BRAIN.

To learn more, visit braincanada.ca

"The funding from Brain Canada, which is designed specifically to help early-career researchers, was critical to my success in developing a novel device that regulates blood pressure in spinal cord injury patients."

Dr. Aaron Phillips Brain Canada-Funded Researcher

