

**YOUR
BRAIN
ON**

ART

ART | TECH | NEUROSCIENCE

CALL FOR ARTISTS



Branch Out
Neurological Foundation

CALL FOR ARTISTS

Ready to Branch Out? Introducing a unique and exclusive fundraising experience that blurs the line between art, tech, and neuroscience.

What Branch Out is all About

The [Branch Out Neurological Foundation](#) is a non-profit organization that accelerates tech solutions and non-pharmaceutical approaches to over 600 neurological disorders, including MS, Parkinson's, Epilepsy, Alzheimer's, Depression, Concussion, etc.

Where Our Funding Goes

Through our Grant Program, we fund researchers exploring innovative and alternative treatments for brain disorders.

One of Branch Out's funded projects is called [Ambulosono](#).

It's a biofeedback device that uses music to improve the gait of individuals with Parkinson's Disease. The research is showing significant and promising results and enhancing lives across Canada and worldwide.

Your Brain on Art – The Experience

Brain research gets a little “science-y”. We decided to flip it on its head and turn to **art** to help interpret it.

Your Brain on Art partners creative minds with scientific brains. Artists have the opportunity to connect with Neuroscientists to learn more about their research and how it relates to NeuroCAM (Neuroscience + Complimentary and Alternative Modalities).

The challenge? Artists are asked to reflect on the science project of their choice and visually illuminate the research in a new and exciting way! Create a new piece OR match an existing piece of artwork.

SUBMISSION

To Enter

Open to professional and emerging Artists. No submission fee required.

E-mail applications to brainonart@branchoutfoundation.com

Subject: Your Brain on Art_SUBMISSION

Attach the following:

- Submission Form
- 3 – 5 Digital Images of Your Work
- Short Artist Bio or Statement

Deadline: March 16, 2018 at Midnight

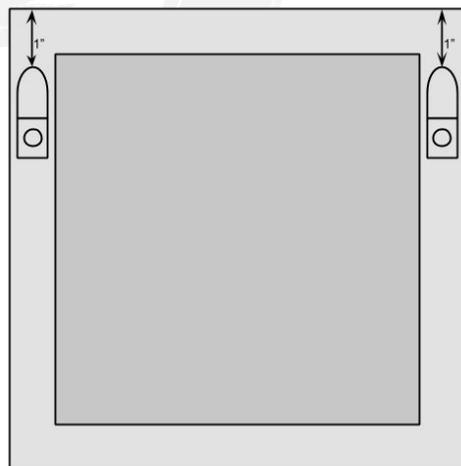
Matching Process

Submissions are selected mid-March. Selected artists will receive a confirmation e-mail with the contact information of the neuroscientist from one of your top three (3) projects. Artists may reach out by phone, e-mail, or arrange an in-person meeting with their selected neuroscientist. Branch Out will help to make the process as easy as possible.

Final Submission Requirements

- Restricted to a 2-dimensional artwork.
- Original and new artwork must be 16" x 20" or smaller.
- Artwork must be ready to hang. Attach D-Rings 1 inch from top (see *diagram*).
- Artwork must be mailed or dropped off at Branch Out's head office at #400, 119 14th Street NW, Calgary AB T2N 176 on or before **April 20, 2018** at 3:00 pm.
- Short Exhibition Statement: Outlines your experience, conceptual direction of the art piece, and/or descriptive of how it represents the research.

Deadline: April 20, 2018 at 3:00pm



Research Project	University	Description	Modality
Effect of Black Tea Extracts in Traumatic Brain Injury	UCalgary	Molecular mechanisms of long-term symptoms following pediatric mild traumatic brain injury and concussion	Nutraceutical
Ketogenic Diet in Comorbid Autism & Epilepsy	UCalgary	Inflammation-induced co-morbid epilepsy in autism spectrum disorder and the ketogenic diet as a possible solution	Nutraceutical
l-bogaine as a Natural Treatment for Drug Addiction	ULethbridge	l-bogaine is a natural substance that can help treat withdraw symptoms, but it may have some risks. This study is looking at the effects of l-bogaine on brain dynamics during drug withdrawal to better understand risks	Nutraceutical
Gaze Behaviour & Emotional Perception in Schizophrenia	UCalgary	Examining the relationship between gaze behaviour and brain activation during facial emotion perception in schizophrenia. This might lead to treatments to help schizophrenics learn better social skills	Mind & Body
The Effects of Nature on the Brain	UUtah	Examining the beneficial effects of being in nature on your brain	Mind & Body
Parkinson's Disease Using Deep Brain Stimulation	UCalgary	Investigation of non-invasive magnetic stimulation paradigms on the brain, which could be a treatment for movement issues in Parkinson's Disease	Tech
Ice Skating on Mobility Issues in Parkinson's	ULethbridge	Despite problems with normal walking, some people with Parkinson's Disease can ice skate. This study is looking at dynamic visual information to learn why and hopefully expand this into a treatment	Mind & Body
Ketogenic Diet to Manage Neuropathic Pain in Spinal Cord Injury	UCalgary	Rehab can really help people with spinal cord injury, but pain often prevents people from doing therapy. This study is looking at if the ketogenic can help manage pain so that this is not a barrier to their rehabilitation.	Nutraceutical
Endocannabinoid Signaling in Anxiety	UCalgary	The endocannabinoid system in the regulation of fear memory: sex differences and potential implications for the treatment of post-traumatic stress disorder.	Personalized Medicine
Neurofeedback in Meditation	UVictoria	To what extent can neurofeedback help in meditation training? Are benefits specific to meditative experiences (depth, motivation) or are neuropsychological benefits associated with achieving meditative proficiency augmented as well (self-regulation)?	Tech
Haptic Anchors to Improve Balance & Mobility in Aging Populations	USask	Sensorimotor integration to improve balance control during standing and walking in individuals with neurological conditions such as spinal cord injury, Parkinson's disease, and stroke.	Mind & Body
Brain Imaging for as a Method for Recovery	UCalgary	The use of imaging for monitoring brain recovery and testing different treatments to improve brain function and recovery—such as giving oxygen or stimulating brain blood flow.	Personalized Medicine
Vitamin Niacin on Brain Tumor Growth	UCalgary	How specific vitamins could stimulate the immune response and inhibit brain tumor growth.	Nutraceutical
Music Training Biofeedback	UCalgary	Wearable-sensor systems to computationally link motor action with rewarding musical feedback. The goal is to further develop the use of this technology to promote positive outcomes in autism and Parkinson's.	Tech
Ketogenic Diet in Comorbid Autism & Epilepsy (2)	UCalgary	There is a high concordance between autism and epilepsy, with about 30% of autistic people displaying epilepsy problems. This research looks at if the ketogenic diet could be used to treat autism by helping control seizures	Nutraceutical
Transmagnetic Stimulation in Depression	UCalgary	Many people are resistant to give drugs to kids because the long-term consequences are unknown, so treating pediatric depression is challenging. This study looks at non-invasive brain stimulation as a possible treatment approach	Tech
Transmagnetic Brain Stimulation for Tourette's Syndrome	UCalgary	Non-invasive brain stimulation treatment was to treat kids struggling with Tourette's Syndrome.	Tech
Effect of Transcranial Direct Current Stimulation on Reward Learning in Autism	UCalgary	Autism is very difficult to treat, potentially because these kids process rewards differently. This study looks at how treatment can be improved by knowing about how the brains of kids with autism are different	Mind & Body
Prenatal Stress & the Development of Multiple Sclerosis	ULethbridge	Early life stress can make people much more vulnerable to a number of disorders. This study looks to identify biomarkers of early life stress so that preventative measures can be taken to stop a disorder before it starts	Personalized Medicine



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