

# DO YOU HAVE ADULT-ONSET DYSTONIA?

Researchers from the Movement Disorders Clinic need your help! You may be eligible to participate if you are 18 years of age or older. We want to better understand the changes and their impact in neuromuscular diseases and adult-onset dystonia.

## This research study involves:

- Study visits before and after botulinum toxin injections
- A total of 2 or 3 in-person study visits (can be modified based on location)
- Assessment of your mood and mental health (online questionnaires)
- 1 session of Transcranial Magnetic Stimulation (TMS)
- 1 MRI scan
- A one-time blood sample

## Do you have questions or want to participate?

Please contact the research coordinator **Yamile Jasau** at **403-220-4992**, or send an email to [yjasauic@ucalgary.ca](mailto:yjasauic@ucalgary.ca)

This study has been approved by the University of Calgary Conjoint Health Research Ethics Board, Ethics ID# REB 17-0054

