

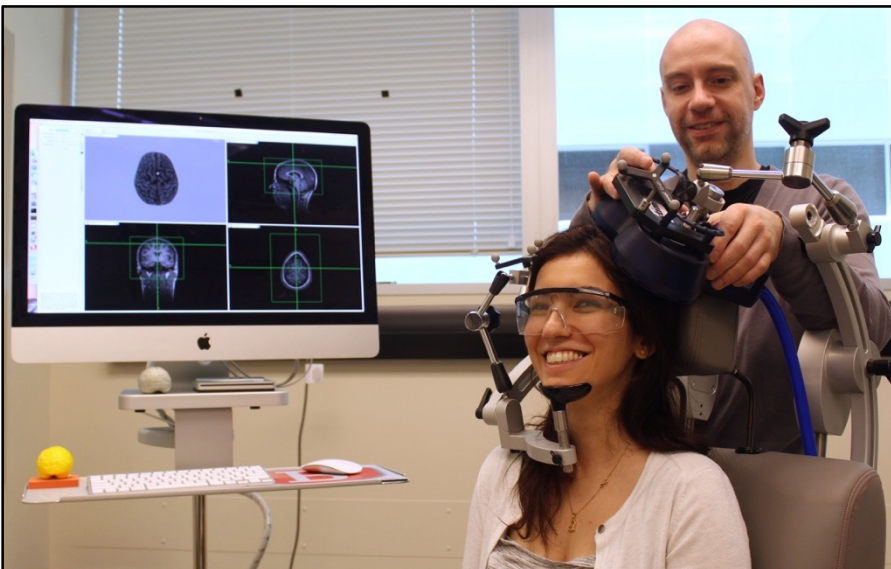
# Do you have Parkinson's disease? *and* Are you having mild thinking and memory problems, compared to other people your age?

Researchers from Dr. Oury Monchi's Healthy Brain Aging Lab at the University of Calgary need your help! We are studying the effectiveness of **Transcranial Magnetic Stimulation (TMS)** as a potential treatment for thinking and memory problems with Parkinson's disease. You may be eligible to participate if you are 50 to 80 years of age.

This 2 month research study involves:

- A total of 9 in-person study visits
- Assessment of your mood, memory, and thinking
- TMS sessions, or placebo "sham" sessions
- MRI scans of your brain
- A one-time blood sample at initial visit

The study visits will happen at the Foothills Hospital Campus. We will reimburse you at each study visit to cover any possible transportation, parking, and food expenses.



## Do you have questions or want to participate?

Please phone our research coordinator **Jenelle Cheetham** at **403-210-8519**, or send an email to **info@pcanlab.ca** with **TMS** in the subject line

## Useful websites:

[www.ucalgary.ca/dcms/  
programs/movementdisorders](http://www.ucalgary.ca/dcms/programs/movementdisorders)

[www.pcanlab.ca](http://www.pcanlab.ca)

This study has been approved by the University of  
Calgary Conjoint Health Research Ethics Board

Ethics ID# REB 15-1689 Version IV, 20 April 2017



Parkinson's Disease  
Cognition  
Action  
Neuroimaging

CLINICAL  
**NEURO**  
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