



## Ayda Ghahremani

Postdoctoral Research Fellow, Psychiatry

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Toronto (2018)

#### STANFORD ADVISORS

- Vinod Menon, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Event-related deep brain stimulation of the subthalamic nucleus affects conflict processing** *ANNALS OF NEUROLOGY*  
Ghahremani, A., Aron, A. R., Udupa, K., Saha, U., Reddy, D., Hutchison, W. D., Kalia, S. K., Hodaie, M., Lozano, A. M., Chen, R.  
2018; 84 (4): 515–26
- **Stopping and slowing manual and spoken responses: Similar oscillatory signatures recorded from the subthalamic nucleus** *BRAIN AND LANGUAGE*  
Ghahremani, A., Wessel, J. R., Udupa, K., Neagu, B., Zhuang, P., Saha, U., Kalia, S. K., Hodaie, M., Lozano, A. M., Aron, A. R., Chen, R.  
2018; 176: 1–10
- **Stop-Related Subthalamic Beta Activity Indexes Global Motor Suppression in Parkinson's Disease** *MOVEMENT DISORDERS*  
Wessel, J. R., Ghahremani, A., Udupa, K., Saha, U., Kalia, S. K., Hodaie, M., Lozano, A. M., Aron, A. R., Chen, R.  
2016; 31 (12): 1846–53
- **Establishing a Right Frontal Beta Signature for Stopping Action in Scalp EEG: Implications for Testing Inhibitory Control in Other Task Contexts** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Wagner, J., Wessel, J. R., Ghahremani, A., Aron, A. R.  
2018; 30 (1): 107–18
- **Deep Brain Stimulation Modulates the Shape of Cortical Beta Oscillations in Parkinson's Disease** *MOVEMENT DISORDERS*  
Ghahremani, A., Chen, R.  
2017; 32 (10): 1377
- **Modulation of cognitive cerebello-cerebral functional connectivity by lateral cerebellar continuous theta burst stimulation** *NEUROIMAGE*  
Rastogi, A., Cash, R., Dunlop, K., Vesia, M., Kucyi, A., Ghahremani, A., Downar, J., Chen, J., Chen, R.  
2017; 158: 48–57
- **Modulation of cerebello-cerebral resting state networks by site-specific stimulation** *JOURNAL OF NEUROPHYSIOLOGY*  
Rastogi, A., Ghahremani, A., Cash, R.  
2015; 114 (4): 2084–86
- **The Role of Right Anterior Insula and Salience Processing in Inhibitory Control** *JOURNAL OF NEUROSCIENCE*  
Ghahremani, A., Rastogi, A., Lam, S.

2015; 35 (8): 3291–92

- **Are we close to the advent of closed loop deep brain stimulation in Parkinson's disease?** *Movement Disorders*

Udupa, K., Ghahremani, A., Chen, R.

2015

- **Beat-induced fluctuations in auditory cortical beta-band activity: using EEG to measure age-related changes** *FRONTIERS IN PSYCHOLOGY*

Cirelli, L. K., Bosnyak, D., Manning, F. C., Spinelli, C., Marie, C., Fujioka, T., Ghahremani, A., Trainor, L. J.

2014; 5