

# Clara Alexandra Stafford

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Ph.D. Trainee

Brain and Mind Institute, WIRB, University of Western Ontario, ON, Canada

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## Education and Training

Ph.D. Psychology, University of Western Ontario, London, ON, Canada 2017-21  
*Supervisor: Dr. Adrian M. Owen*

M.Sc. Psychology, University of Western Ontario, London, ON, Canada 2015-17  
*Supervisors: Dr. Adrian M. Owen & Dr. Davinia Fernández-Espejo*

*Thesis Title: A Diffusion Tensor Imaging Study of Motor Fibre Path Integrity and Overt Responsiveness in Disorders of Consciousness*

B.A. Psychology, McGill University, Montreal, QC, Canada 2012-15  
*Supervisors: Dr. Michael Petrides*

*Thesis Title: Cortico-Cortical Connections of Areas 9 and 8B in the Macaque Monkey*

D.E.C Psychology, Champlain Regional College, Saint-Lambert, QC, Canada 2010-12

## Awards and Scholarships

Western Graduate Research Scholarship, 13, 330\$ 2018-2019

Western Graduate Research Scholarship, 13, 330\$ 2017-2018

Western Graduate Research Scholarship, 12, 201\$ 2016-2017

Reva Gerstein Fellowship for Masters Study in Psychology, University of Western Ontario, 2800\$ 2016

George Hannah Global Opportunities Award, Travel Award, 2000\$ 2016

Western Graduate Research Scholarship, 12, 600\$ 2015-2016

SSMU Access Bursary, McGill University, 500\$ Winter 2015

University-Quebec Tuition Support Bursary, McGill University, 1500\$ Fall 2014

Edgar R. Parkins Bursary, McGill University, 2000\$ 2013-2014

## Publications

1. **Stafford, C. A.**, Owen, A. M., & Fernández-Espejo, D. (2019). The neural basis of external responsiveness in prolonged disorders of consciousness. *NeuroImage: Clinical*, 22, 101791.
2. **Stafford, C. A.**, Stojanoski, B., Wild, C. J., & Owen, A. M. (submitted JCE\_2019\_223). Specific deficits in response inhibition in a population-based study of self-reported concussion. PsyArXiv. [doi.org/10.31234/osf.io/c64xu](https://doi.org/10.31234/osf.io/c64xu)

## Conference Activities

### Poster Presentations

1. **Stafford, C. A.**, Wild, C. J., Stojanoski, B., Owen, A. M. (2018). A large-scale investigation of the relationship between concussion and cognition in the general public. *Poster presented at the Rotman Research Institute Conference: Traumatic Brain Injury and Concussion*, Toronto, Ontario, CAN, March. 19th-21st, 2018.
2. **Stafford, C. A.**, Owen, A. M., & Fernández-Espejo, D. (2016). The relationship between overt responsiveness and white matter abnormalities in patients with disorders of consciousness. *Poster presented at the Society for Neuroscience*, San Diego, California, USA, Nov. 12th-16th, 2016.

3. **Stafford, C. A.**, Owen, A. M., & Fernández-Espejo, D. (2016). The role of thalamo-motor fibre damage in overt motor responses in disorders of consciousness. *Poster presented at the Canadian Association for Neuroscience*, Toronto, ON, CAN, May 29th - June 1, 2016.
4. **Stafford, C. A.**, Gati, J., Owen, A. M., & Fernández-Espejo, D. (2016). Mapping structural connectivity of thalamic nuclei at ultra-high fields. *Poster presented at Lake Ontario Visionary Establishment*, Niagara Falls, ON, CAN, Feb. 4th-5th, 2016.

## Research Experience

Junior Social Sciences Research Analyst 2018-present  
 Human Resource Systems Group, Ottawa, ON, CAN

1. Department of National Defense project.
2. Citizenship and Immigration Canada project.

Post-Graduate Research Student June - August 2016  
 School of Psychology, University of Birmingham, Birmingham, United Kingdom  
*Supervisor: Dr. Davinia Fernández-Espejo*

Research Assistant May - August 2015  
 Department of Psychology, University of Western Ontario, London, Ontario, Canada

## Teaching Experience

Teaching Assistant - Statistics for Honours Psychology 2017-19  
 University of Western Ontario, London, ON, CAN

Teaching Assistant - Special Topics: Evolutionary-Developmental Psychology January 2017 - April 2017  
 University of Western Ontario, London, ON, CAN

Teaching Assistant - Introduction to Psychology September 2015- December 2016  
 University of Western Ontario, London, ON, CAN

## Technical Knowledge

RStudio, R, SPSS, JASP, Bash, FSL, MPlus, MATLAB, Brainsight, Zen (Carl Zeiss Microscopy), Adobe Illustrator

## Special Skills

French: native in reading, writing and spoken.  
 English: native in reading, writing and spoken.  
 Spanish: fluent spoken.