



### **Post-Doctoral Position Available:**

A 1-year NSERC funded postdoctoral position (renewable to up to 4 years) is available immediately under the supervision of Professors Taylor W. Schmitz (Department of Physiology & Pharmacology) and Marieke Mur (Departments of Psychology and Computer Science) at the [University of Western Ontario](#).

We are seeking a highly motivated person interested in pushing the boundaries of fMRI to examine brain function during rest and task engagement at higher temporal specificity. The project will use accelerated fMRI (sampling rate < 500 ms) to investigate cortico-subcortical connectivity and population coding dynamics in humans and in awake mice. Neuroimaging experiments will be conducted using the high-field scanners (7T and 9.4T) at the [Centre for Functional and Metabolic Mapping](#). The project will expose the applicant to the world-class translational neuroscience infrastructure and faculty at Western University through ongoing collaborations with researchers in the [BrainsCAN](#) Imaging, Computational and Rodent Cores. The responsibilities of the candidate will include leading the experimental design, acquisition, and analysis of imaging data, manuscript preparation, and participation in student training and grant writing.

Qualified applicants for this position should have a PhD degree in Neuroscience, Computer Science, Biomedical Engineering, or a related discipline. Experience with programming (e.g. MATLAB, Python) and working with time-series data (e.g. fMRI and EEG) would be an asset.

The position is open immediately. Applications will be reviewed until the position is filled. Please send a one page statement of interest, Curriculum Vitae, and the names of at least two references to:

Taylor W. Schmitz  
Assistant Professor  
Department of Physiology and Pharmacology  
Schulich School of Medicine  
University of Western Ontario  
London, Ontario Canada  
Email: tschmitz [at] uwo [dot] ca

Marieke C. Mur  
Assistant Professor  
Departments of Psychology and Computer Science  
Faculties of Social Science and Science  
University of Western Ontario  
London, Ontario Canada  
Email: mmur [at] uwo [dot] ca

For further details on Dr. Schmitz's and Dr. Mur's research, visit our lab websites at [INCAlab](#) and [MurLab](#). For more information about postdoctoral benefits at Western, please visit the [Human Resources at Western](#) website.

We invite applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process.

**Western University**  
Western Interdisciplinary Research Building,  
London, ON, Canada N6A 3K7  
t. 519.661.2111 ext. 86057