# **BrainsCAN postdoctoral award at the Brain and Mind Institute, Western University, Canada**

Dr. Marieke Mur is soliciting postdoctoral applicants to Western's prestigious BrainsCAN postdoctoral fellowship award. Research in the Visual Cognition lab focuses on understanding how the brain makes sense of the visual world around us. How do we recognise objects? What neural and computational mechanisms underlie this ability? How are incoming visual signals integrated with behavioural goals? We address these questions using a combination of psychophysics, neuroimaging, and computational modeling.

The post-holder will play a key role in neuroimaging and computational investigations of visual cognition. The applicant should have a background in cognitive neuroscience, and expertise in programming and analysis of fMRI or EEG/MEG data. A background in computer science or engineering is also suitable, given that the candidate has experience with neuroimaging data analysis and a keen interest in understanding human brain function. The successful applicant will enjoy working as part of an interdisciplinary team and be able to mentor members of the lab.

For further details on Dr. Mur’s research, see <http://mariekemur.com>. The successful applicant will join the Brain and Mind Institute (BMI), which is one of the leading centres in cognitive neuroscience in Canada. The BMI hosts a full range of ultra-high field, research-dedicated MRI scanners and state-of-the-art research facilities for cognitive, behavioural, and neurophysiological testing. For more information on the BMI, see [www.uwo.ca/bmi](http://www.uwo.ca/bmi).

Dr. Mur and the applicant will develop the proposal together, in conjunction with other labs at Western. Please contact Dr. Mur in the first instance about developing an application (mmur@uwo.ca). To apply, please send a detailed CV and cover letter explaining why the lab's research interests you and how your skills and abilities are suitable. Send these items to Dr. Mur with the subject line “Visual Cognition PDF”.  Review of applications will start by March 31, 2019. In brief, applicants must be no more than 6 years post-PhD, and the salaries are highly competitive (55-70K per year, CDN, with additional benefits). The proposed research should fit within the broad BrainsCAN remit, which covers research that addresses fundamental questions regarding how we learn, think, move, and communicate.

**For more information please see** [**https://brainscan.uwo.ca/programs/postdoctoral\_fellowship\_program/index.html**](https://brainscan.uwo.ca/programs/postdoctoral_fellowship_program/index.html)