

# Mapping cognition to brain structure in psychosis



We are seeking an academically high-performing student with a background in psychology, psychophysiology and/or neuroscience to be involved in an exciting new PhD study exploring structural brain correlates of cognitive deficits in individuals with bipolar disorder and schizophrenia.

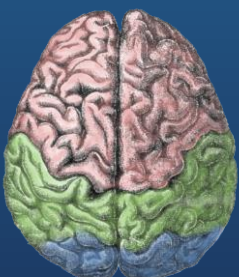
The project will be conducted in the context of a collaboration between the Melbourne Neuropsychiatry Centre at the University of Melbourne, the Brain and Psychological Sciences Research Centre of Swinburne University and the Monash Alfred Psychiatry Research Centre of Monash University and the Alfred Hospital in Melbourne, Australia.

The candidate, supervised primarily by Dr Tamsyn Van Rheenen, Dr Vanessa Cropley and Professor Susan Rossell, will be required to contribute to a larger neuroimaging study of severe mental illness that utilises various magnetic resonance imaging and neurophysiological techniques. This will involve assistance with data collection (at Swinburne University), data analysis and manuscript preparation.

The successful candidate will have the opportunity to craft a specific research question aligned to their interests utilising the structural neuroimaging and behavioural data collected as part of this project.

The successful applicant should have an undergraduate and/or honours degree in a relevant field and have good results (first or upper second class honours or equivalent). Prospective PhD, combined PhD/Masters and DPsych students are encouraged to apply. Research experience in clinical interviewing, neurocognitive testing and neuroimaging analysis will be looked upon favourably. Students with their own scholarship funding are welcomed and applications can be lodged through either the University of Melbourne, Monash University or Swinburne University.

If you are interested in this opportunity, please contact Dr Tamsyn Van Rheenen [tamsyn.van@unimelb.edu.au](mailto:tamsyn.van@unimelb.edu.au)



Further information about the supervisory team can be found here:

<http://www.findanexpert.unimelb.edu.au/display/person706069#tab-overview>

<http://www.findanexpert.unimelb.edu.au/display/person424361>

<http://www.swinburne.edu.au/health-arts-design/staff-profiles/view.php?who=srossell>