

Jacob J. Crouse

Education

2017 – Present	Ph.D. (Medicine) – Brain & Mind Centre, University of Sydney <ul style="list-style-type: none"> - Youth Mental Health Team - Supervisors: Kate Chitty, Dan Hermens, Ahmed Moustafa, Ian Hickie
2016 - 2017	M. Brain & Mind Sciences – Brain & Mind Centre, University of Sydney <ul style="list-style-type: none"> - Youth Mental Health Team - Supervisors: Daniel Hermens, Ian Hickie
2012-2015	B. (Hons) Psychology – Western Sydney University <ul style="list-style-type: none"> - Supervisors: Peter Keller, Ahmed Moustafa

Research Experience

2016 – Present	Brain and Mind Centre, University of Sydney <ul style="list-style-type: none"> - Youth Mental Health Team (Master and Ph.D. student)
2014 – 2015	MARCS Institute for Brain, Behaviour and Development <ul style="list-style-type: none"> - Multisensory Communication group (Research assistant) - Music, Cognition and Action group (Honours student)
2013 – 2014	School of Social Sciences & Psychology, Western Sydney University <ul style="list-style-type: none"> - Foundational Processes of Behaviour (Research assistant)

Awards and Funding

2018	HDR+ Student Grant (\$1000), co-recipient
2017 – 2019	Research Training Program Stipend (\$81,000/3yr)
2017	Postgraduate Research Support Scheme (\$770)
2014 – 2015	Western Sydney University Undergraduate Research Scholarship (\$3500)
2013 – 2015	Dean's Merit List (x3)
2013 – 2014	Western Sydney University Undergraduate Research Scholarship (\$3500)

Membership

2017 – Present	Society for Mental Health Research (no. 341754)
2018 – Present	International Association for Youth Mental Health (no. 4997)
2018 – Present	International Early Psychosis Association (no. CROJ18AU)

Positions of Responsibility, Leadership and Community Contribution

2017 – Present	Brain & Mind Centre Higher Degree Research committee
2017 – Present	Brain & Mind Centre Annual Research Symposium committee
2018 – Present	Interdisciplinary Research Lead, GEM Connect Pty Ltd. (volunteer)
01/18 – 08/10	Board member, GEM Connect Pty. Ltd. (volunteer)
2018 – Present	English language editor, <i>Open Life Sciences</i> , De Gruyter Publishing

Publications

Accepted

1. **Crouse, J. J.**, & Moustafa, A. A. (2015). A commentary on: "A 12-year population-based study of freezing of gait in Parkinson's disease. *Frontiers in Aging Neuroscience*, 2(7), 106.
2. **Crouse, J. J.**, Phillips, J. R., Jahanshahi, M., & Moustafa, A. A. (2016). Postural instability and falls in Parkinson's disease. *Reviews in the Neurosciences*, 27(5), 549-55.
3. Moustafa, A. A., Chakravarthy, S., Phillips, J. R., **Crouse, J. J.**, Gupta, A., Frank, M. J., Hall, J. M., & Jahanshahi, M. (2016). Interrelations between cognitive dysfunction and motor symptoms of Parkinson's disease: behavioral and neural studies. *Reviews in the Neurosciences*, 27(5), 535-8.
4. **Crouse, J. J.**, Lee, R. S. C., White, D., Hickie, I. B., & Hermens, D. F. (2018). Distress and sleep quality in young amphetamine-type stimulant users with an affective- or psychosis-spectrum illness. *Psychiatry Research*, 262, 254-61.
5. **Crouse, J. J.**, Moustafa, A. A., Bogaty, S. R., Hickie, I. B., & Hermens, D. F. (in press) Parcellating cognitive heterogeneity in psychosis-spectrum illnesses: A cluster analysis. *Schizophrenia Research*.

Under review

6. Moustafa, A. A., **Crouse, J. J.***, & Mattock K. Transition Depression. (joint first-author)
7. Bogaty, S. E. R., **Crouse, J. J.**, Hickie, I. B., Hermens, D. F. The neuropsychological profiles of young psychosis patients with and without current cannabis use. *Cognitive Neuropsychiatry*.
8. **Crouse, J. J.** et al. Exploring associations between early substance use and longitudinal socio-occupational functioning in young people engaged in a mental health service. *PLOS ONE*.
9. Moustafa, A. A., ... **Crouse, J. J.**, et al. The interactive effect of valence on reversal learning in Parkinson's Disease.
10. **Crouse, J. J.** & Hermens, D. F. Social cognition in psychosis (eds. Ahmed A. Moustafa & Kathryn E. Lewandowski).
11. Scott, E., Carpenter, J. S., ... **Crouse, J. J.**, et al. Precision Medicine (ed. Bernard Baune).

In preparation

12. **Crouse, J. J.**, Chitty, K. M., Moustafa, A. A., Hickie, I. B., & Hermens, D. F. All night long: The role of sleep disturbance in methamphetamine-associated psychosis. In preparation.
13. **Crouse, J. J.**, et al. Cognitive flexibility is associated with functional course in young psychiatric outpatients.

Conference and symposia

2018	Poster	<i>Examining risk factors for poor cognition in three empirically-derived subgroups</i> – Australian Psychosis Conference (Sydney)
2017	Poster	<i>Parcellating cognitive heterogeneity in psychosis-spectrum illnesses</i> – Brain & Mind Centre Inaugural Symposium (Sydney)
	Presentation	<i>Parcellating cognitive heterogeneity in psychosis-spectrum illnesses</i> – Society for Mental Health Research (Canberra)

Research and administrative skills

Statistical analysis and data visualisation SPSS, Graphpad Prism, R

Statistical techniques Multilevel modelling, hierarchical cluster analysis, regression modelling

Experimental procedure administration Presentation, Neurobehavioral Systems

Stimulus design Audacity

Microsoft Office suite Word, PowerPoint, Excel

Marking Clinical and Translational Neuroscience unit, Master of Medicine [Psychiatry]

Teaching Assistant to Curriculum Development Officers, Master of Medicine [Psychiatry]

Referees

Dr. Kate Chitty kate.chitty@sydney.edu.au

Prof. Daniel Hermens dhermens@usc.edu.au

Dr. Ahmed Moustafa a.moustafa@westernsydney.edu.au

Prof. Ian Hickie ian.hickie@sydney.edu.au

Prof. Peter Keller p.keller@westernsydney.edu.au