**Curriculum Vitae**

**William Xiang Quan Ngiam**

School of Psychology

Griffith Taylor Building (A19)

The University of Sydney NSW 2006

Australia

[william.ngiam@sydney.edu.au](mailto:william.ngiam@sydney.edu.au)

**Education**

2015 – present **University of Sydney**: Doctoral Student in Psychology   
(Supervisor: Professor Alex Holcombe)

2010 – 2014 **University of Sydney**: Bachelor of Psychology (Honours)

(Supervisor: Dr Patrick Goodbourn)

**Publications**

**Ngiam, W.X.Q.,** Khaw, K.L.C., Holcombe, A.O., Goodbourn, P.T. (2018, under review). Visual working memory for letters varies with familiarity but not complexity. *Journal of Experimental Psychology: Learning, Memory and Cognition.*

**Ngiam, W.X.Q.,** Brissenden, J.A., Awh, E. (in prep.). “Memory compression” effects in visual working memory are contingent on explicit long term memory.

Goodbourn, P.T., Livesey, E.J., **Ngiam, W.X.Q.**, Holcombe, A.O., Forte, J.D. (in prep.). Learning new symbolic representations of number.

Bateman, J.E., Birney, D. P., **Ngiam, W.X.Q**. (2018). Relational encoding in visual working memory: Change detection performance is better for violations in group relations. *PLOS ONE* 13(9): e0203848. https://doi.org/10.1371/journal.pone.0203848

**Talks**

**Ngiam, W.X.Q.**, Khaw, K.L.C., Holcombe, A.O., Goodbourn, P.T. (2018, April). Training recognition familiarity does not improve visual working memory performance. *45th Annual Conference of the Australasian Society for Experimental Psychology,* Hobart, Australia.

**Ngiam, W.X.Q.**, Brissenden, J.A., Awh, E. (2017, April). Enhancing visual working memory performance using statistical regularities requires explicit awareness. *44th Annual Conference of the Australasian Society for Experimental Psychology,* Newcastle, Australia.

**Posters**

**Ngiam, W.X.Q.**, Brissenden, J.A., Awh, E. (2017, May). Memory compression using statistical regularities requires explicit awareness. *17th Annual Meeting of the Vision Sciences Society*, Florida, United States.

**Ngiam, W.X.Q.,** Goodbourn, P.T.G. (2016, November). Familiarity, but not visual complexity, affects letter encoding in visual working memory. *57th Annual Meeting of the Psychonomic Society*, Boston, United States.

**Ngiam, W.X.Q.**, Goodbourn, P.T.G. (2015, April). Encoding and capacity limits of visual working memory are not set by stimulus complexity. *42nd Annual Conference of the Australasian Society for Experimental Psychology*, Sydney, Australia.

**Teaching and Professional Experience**

Research Assistant

2017 Statistical Assistant/Programmer on University of Sydney Strategic Education Grant/Educational Innovation Grant; *Using interactive learning to integrate statistical theory with contemporary research practices*

2017 – present Research Assistant on University of Sydney Faculty of Science/Seed Funding; *The development of attentional control in children with and without anxiety*

Lecturer

Summer 2018 Science and Statistics in Psychology - Introduction to Psychology (PSYC1001), *University of Sydney*

Teaching Assistant

2015 – 2018 Statistics and Research Methods for Psychology (PSYC2012), *University of Sydney*

2015, 2017 Advanced Statistics for Psychology (PSYC3010), *University of Sydney*

2016 Research Methods in Honours Psychology, *University of Sydney*

**Honours and Awards**

2015 – present *Australian Government Department of Education and Training* –

Research Training Program (RTP)

Scholarship to undertake a research doctorate degree, formerly known as the Australian Postgraduate Award (APA).

2015 – present *University of Sydney* – Merit Award

Top-up scholarship to undertake a research doctorate degree.

2017 *University of Sydney* – PsychFEST Award

Awarded for an excellent presentation in the School of Psychology’s PsychFEST.

2016 *Australian Government Department of Education and Training* –Endeavour Research Fellowship

Competitive, merit-based scholarship to undertake study and research overseas.

2014 *Australian Psychological Society* – APS Prize

Awarded for being the top performing student in fourth year psychology (Honours).