

Curriculum Vitae
William Xiang Quan Ngiam

School of Psychology
Griffith Taylor Building (A19)
The University of Sydney NSW 2006
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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).