

Curriculum Vitae
William Xiang Quan Ngiam

Department of Psychology
 Biopsychological Research Building
 University of Chicago
 United States
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Employment

2019 – present **Postdoctoral Research Fellow**
 University of Chicago (with Professor Edward Awh and Professor Edward Vogel)

Education

2015 – 2019 **Doctor of Philosophy** in Psychology
 University of Sydney (Supervisor: Professor Alex Holcombe)

2010 – 2014 **Bachelor of Psychology (Honours)**
 University of Sydney (Supervisor: Dr Patrick Goodbourn)

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 – 2019 *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 – 2019 *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).

Publications

Ngiam, W.X.Q., Brissenden, J.A., Awh, E. (2019) "Memory compression" effects in visual working memory are contingent on explicit long-term memory. *Journal of Experimental Psychology: General*, 148(8), 1373. <http://dx.doi.org/10.1037/xge0000649>

Ngiam, W.X.Q., Khaw, K.L.C., Holcombe, A.O., Goodbourn, P.T. (2019). Visual working memory for letters varies with familiarity but not complexity. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 45(10), 1761-1775. <http://dx.doi.org/10.1037/xlm0000682>

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>

Conference 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.

Conference Posters

Ngiam, W.X.Q., Awh, E., Holcombe, A. O. (2019, May). Examining the effects of memory compression with contralateral delay activity. *19th Annual Meeting of the Vision Sciences Society*, Florida, United States.

Ngiam, W.X.Q., Khaw, K.L.C., Holcombe, A. O., Goodbourn, P.T. (2018, November). Training recognition familiarity is insufficient to improve visual working memory. *59th Annual Meeting of the Psychonomic Society*, New Orleans, United States.

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. (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. (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.

Journals Reviewed For

Journal of Experimental Psychology: Learning, Memory and Cognition

Memory and Cognition

Nature Scientific Reports

PLOS One

Psychological Research