Curriculum Vitae
William Xiang Quan Ngiam

Department of Psychology
Biopsychological Research Building
University of Chicago
United States
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Employment
2015 – 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. (accepted) "Memory compression" effects in visual working memory are contingent on explicit long-term memory. *Journal of Experimental Psychology: General*. http://dx.doi.org/10.1037/xge0000649

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

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., 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.