

# Jason Tsukahara

Curriculum Vitae

December 2016

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Georgia Institute of Technology  
Atlanta, GA 30332

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## EDUCATION

### Ph.D. Cognition and Brain Sciences

Expected: May 2018

Georgia Institute of Technology - Atlanta, GA  
Minor in Quantitative Psychology  
Advisor: Randall W. Engle

### M.A. General Experimental Psychology

June 2014

California State University - San Bernardino, CA  
Advisor: Hideya Koshino

### B.A. Behavioral Neuroscience

March 2011

Western Washington University - Bellingham, WA

## RESEARCH INTERESTS

- Individual differences approach to studying cognition
- Neural basis of working memory and fluid intelligence
- Phenomenological approach to studying internally directed thought (e.g. mind wandering)

## PUBLICATIONS

Tsukahara, J.S., Harrison, T.L., & Engle, R.W. (2016). The relationship between baseline pupil size and intelligence. *Cognitive Psychology*, 91, 109-123. <http://doi.org/10.1016/j.cogpsych.2016.10.001>

## PRESENTATIONS

Tsukahara, J.S., Harrison, T.L., & Engle, R.W. (2016). *More than Meets the Eye: Converging evidence from pupillometry, locus coeruleus function, and resting-state functional connectivity*. **Presented by Jason Tsukahara** at the North Georgia Regional Memory Meeting, Atlanta, GA.

Tsukahara, J.S., Harrison, T.L., & Engle, R.W. (2015). *The eyes have it: The relationship between pupil size and intelligence*. **Paper presented by Randall Engle** at the 56th annual meeting of the Psychonomics Society, Chicago, IL.

Tsukahara, J.S. (2014, June). *The effect of working memory capacity and working memory load on the Simon task*. Paper presented at the 1st annual Learning Research Institute conference, California State University, San Bernardino, CA.

Tsukahara, J.S. (2014, June). *Perceptual load effect in the Simon task*. Presented at the 3rd annual Student Research Symposium "Meeting of the Minds", California State University, San Bernardino, CA.

## POSTERS

Tsukahara, J.S., & Engle, R.W. (2016, November). *Mind wandering in low and high demanding tasks: Frequency vs. degree of disengagement*. Poster presented at the 57th annual meeting of the Psychonomics Society, Boston, MA.

Tsukahara, J.S., Harrison, T.L., & Engle, R.W. (2016, April). *More than meets the eye: The relationship between pupil size and intelligence*. Poster presented at the Callosum Conference, Atlanta, GA.

Tsukahara, J.S., & Koshino, H. (2014, November). *Does working memory capacity have the same effect on the Simon task as working memory load?* Poster presented at the 55th annual meeting of the Psychonomics Society, Long Beach, CA.

Koshino, H., Veltri, G.A., Tsukahara, J.S., & Alderson, E. (2014, November). *Effects of working memory and perceptual load on Simon interference*. Poster presented at the 55th annual meeting of the Psychonomics Society, Long Beach, CA.

Tsukahara, J.S., Rivera, L., & Koshino, H. (2014, April). *This The effects of perceptual load on a Simon task*. Poster presented at 94th annual Western Psychological Association convention, Portland, OR.

Koshino, H., Tsukahara, J.S., Rivera, L., Veltri, G.A., Cross, T., Alderson, E. (2014, April). *Effects of perceptual load and working memory on a Simon task*. Poster presented at the 94th annual Western Psychological Association convention, Portland, OR.

Koshino, H., & Tsukahara, J.S. (2013, November). *Relative effectiveness of attention capture between color singleton and working memory*. Poster session presented at 54<sup>th</sup> annual meeting of the Psychonomic Society, Toronto, Canada.

Tsukahara, J.S., Banerjee, S., & Koshino, H., (2013, April). *Interactions between Simon and flanker effects*. Poster session presented at the Western Psychological Association's 93<sup>rd</sup> Annual Convention, Reno, NV.

## RESEARCH EXPERIENCE

Graduate Research Assistant: Attention and Working Memory Lab, (2014-present), Georgia Institute of Technology - *Supervisor: Dr. Randall Engle*, (404) 894-8905

Graduate Research Assistant: Working Memory and Attention Lab, (2012-present), California State University, San Bernardino – *Supervisor: Dr. Hideya Koshino*, (909) 537-5435

Laboratory Assistant (2008-2011), Western Washington University Behavioral Neuroscience Laboratories, Bellingham, WA – *Supervisor: Dr. Jeff Grimm*, (360) 650-3168, Spring Quarter 2009 - Winter Quarter 2011

## TEACHING EXPERIENCE

### California State University, San Bernardino - San Bernardino, CA

Teaching Associate                      Course: Introduction to Experimental Psychology (Lab section)  
Fall 2013 - Spring 2014

Adjunct Instructor                      Course: Introduction to Experimental Psychology (Lab section)  
Spring 2013

Teaching Associate                      Course: Supplemental Instructions to Psychological Statistics  
Instructor: Hideya Koshino  
Winter 2013 - Spring 2013

## ACADEMIC SERVICE

### Western Washington University - Bellingham, WA

Executive Member (2008-2011), NEuroscience Research Driven Students (NERDs) Club, Western Washington University, Bellingham, WA

Neuroscience Educational Outreach in Elementary Schools (2010), NERDs Club, Western Washington University, Bellingham, WA

## HONORS AND AWARDS

2014-2016                      President's Fellowship (Georgia Institute of Technology)