

Jason S. Tsukahara

Graduate Student

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Updated: November 12, 2018

EDUCATION

Georgia Institute of Technology - Atlanta, GA

Ph.D. Cognition and Brain Science

Expected 2019

Advisor: *Dr. Randall W. Engle*

California State University, - San Bernardino, CA

M.A. General Experimental Psychology

June 2014

Advisor: *Dr. Hideya Koshino*

Western Washington University - Bellingham, WA

B.A. Behavioral Neuroscience

March 2011

RESEARCH INTERESTS

- Neural basis of individual differences in cognitive ability
- The nature of individual differences in attention control
- Tracking the focus of attention with pupillometry and mind wandering reports
- Training attention
- The nature and potentials of the human mind

PEER-REVIEWED PUBLICATIONS

Published

Tsukahara, J.S., Harrison, T.L., & Engle, R.W. (2016). The relationship between baseline pupil size and intelligence. *Cognitive Psychology*, 91, 109-123.

Submitted & in preparation

Tsukahara, J.S., Harrison, T. L., Draheim, C., Martin, J. D., & Engle, R. W. (resubmission in prep.). General discrimination ability: Why should performance on sensory tasks relate to cognitive ability? *Journal of Experimental Psychology: General*.

PROFESIONAL PRESENTATIONS

Tsukahara, J.S., & Randall, R.W. (submitted). Pupil size as an indicator of arousal and task focus. **Poster** submitted to the 59th Annual meetings of the Psychonomics Society, New Orleans, LA.

Tsukahara, J.S., Harrison, T. L., Hicks, K. L., Draheim, C., Martin, J. D., & Engle, R. W. (November 2017). *Measuring attention control: Can we do better?* **Poster** presented at the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.

Harrison, T. L., Hicks, K. L., Draheim, C., **Tsukahara, J.S.**, & Engle, R. W. (November, 2016). *Sensory discrimination, working memory, and fluid intelligence*. **Paper** presented by Engle, R.W. at the 57th annual meeting of the Psychonomic Society, Boston, MA.

Life-Span Deveolpmental Psychology
Biopsychology
Transcranial Magnetic Stimulation (seminar)
Teaching Practicum
Learning and Motivation
Personal and Social Psychology

Psychometric Theory
Structural Equation Modeling
Psychological Testing
Research Methods

TEACHING EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY

Teaching Practicum (Prof. Dr. Dianne Leader) Fall 2016
 Guest Lecture: Research Methodology
 Guest Lecture: Attention and Consciousness
 Guest Lecture: Thinking and Intelligence
Guest Lecture: Intelligence Fall 2017
 Introduction to I/O Psychology (Prof. Sophie Kay)

CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO

Instructor

Intro to Experimental Psychology Lab Section Spring 2013 - Spring 2014
Supplemental Instructions to Psychological Statistics Winter 2013 - Spring 2013

Teaching Assistant

Undergraduate Psychological Statistics (Prof. Dr. Hideya Koshino)

SERVICE

Invited reviewer for the following journals:

Journal of Experimental Psychology: General

Current Directions in Psychological Science