

CURRICULUM VITAE
AUGUST, 2017

CHRISTOPHER D. DRAHEIM, B.A.

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY - ATLANTA, GA

Ph.D. Cognition and Brain Science Psychology Expected 2019
Minor in Quantitative Psychology
Advisor: Dr. Randall W. Engle

GEORGIA INSTITUTE OF TECHNOLOGY - ATLANTA, GA

M.S. Cognition and Brain Science Psychology August, 2017
Advisor: Dr. Randall W. Engle

UNIVERSITY OF MICHIGAN-DEARBORN – DEARBORN, MI

B.A. Psychology, *With High Distinction* December, 2012
Minor in Philosophy
Advisor: Dr. Arlo Clark-Foos

RESEARCH INTERESTS

- Individual differences in working memory capacity and executive functioning
- How individuals of differing ability differentially adjust performance to meet task demands
- Measurement of executive function tasks

PEER-REVIEWED PUBLICATIONS

Published

Foster, J. L., Harrison, T. L., Hicks, K. L., **Draheim, C.**, Redick, T. S., & Engle, R. W. (2017, May 29). Do the effects of working memory training depend on baseline ability level? *Journal of Experimental Psychology: Learning, Memory, & Cognition*. Advance online publication.

Felez-Nobrega, M., Foster, J. L., Puig-Ribera, A., **Draheim, C.**, & Hillman, C. H. (2017, April 13). Measuring working memory in the Spanish population: Validation of a multiple shortened complex span task. *Psychological Assessment*. Advance online publication.

Draheim, C., Harrison, T. L., Embretson, S. E., & Engle, R. W. (2017, March 9). What Item Response Theory can tell us about the complex span tasks. *Psychological Assessment*. Advance online publication.

Calderón-Garcidueñas, L., Chávez, V. S. J., Vacaseydel-Aceves, N. B., Calderón-Sánchez, R., Macías-Escobedo, E., Frías, C., ... **Draheim, C.**, & Engle, R. W. (2016). Chocolate, Air Pollution and Children's Neuroprotection: What Cognition Tools should be at Hand to Evaluate Interventions?. *Frontiers in Pharmacology*, 7.

Draheim, C., Hicks, K. L., & Engle, R. W. (2016). Combining reaction time and accuracy: The relationship between working memory capacity and task switching as a case example. *Perspectives on Psychological Science*, 11, 133-155.

Submitted

Shipstead, Z., **Draheim, C.**, & Engle, R. W. Working memory capacity, visual attention, and perceptual load: Reducing individual differences and dealing with the speed/accuracy tradeoff.

Shipstead, Z., Harrison, T. L., Trani, A.N., Redick, T.S., Sloan, P., Bunting, M. F., Hicks, K. L., **Draheim, C.**, & Engle, R. W. The unity and diversity of working memory capacity and executive functions: Their relationship to general fluid intelligence.

CONFERENCE PRESENTATIONS

Draheim C., & Engle, R. W. (November, 2017). *Do individuals of differing ability level differentially adjust performance to meet task demands? Simple question, complex answer.* Poster to be presented at the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.

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 to be presented at the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.

Draheim C., Harrison, T. L., & Engle, R. W. (November, 2016). *The problem with the operation span: Item Response Theory and complex span tasks.* Poster presented at the 57th annual meeting of the Psychonomic Society, Boston, MA.

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 at the 57th annual meeting of the Psychonomic Society, Boston, MA.

Draheim C., Harrison, T. L., & Engle, R. W. (September, 2016). *What Item Response Theory can tell us about the complex span tasks.* Poster presented at the 8th biennial European Working Memory Symposium, Liege, Belgium.

Draheim, C., Hicks, K. L., & Engle, R. W. (November, 2014). *Is there a relationship between task-switching and working memory capacity?* Poster presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA.

Foster, J., Harrison, T. L., Hicks, K. L., **Draheim, C.,** Engle, R. W. (November 2014). *High-spans show bigger gains from working memory training than low-spans.* Poster presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA.

Draheim, C., Hicks, K. L., & Engle, R. W. (September, 2014). *Redefining the relationship between working memory capacity and task-switching performance.* Poster presented at the 7th biennial European Working Memory Symposium, Edinburgh, Scotland.

Draheim, C., & Clark-Foos, A. (March, 2013). *Memory for emotional material under divided attention.* Paper presented at the 3rd annual CASL Undergraduate Showcase, University of Michigan-Dearborn, MI.

Pfannes, K. I., Bratton, T., **Draheim, C.,** Mennie, K., & Clark-Foos, A. (May, 2013). *Changing criteria to detect deception vs. imagination.* Poster presented at the 85th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Kiely, S., Nguyen, S., Alhashidi, J., Mennie, K., **Draheim, C.,** & Clark-Foos, A. (May, 2013). *Reverse task interference in prospective memory.* Poster presented at the 85th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Mennie, K., **Draheim, C.,** & Clark-Foos, A. (May, 2013). *You are what you play: Video games and creativity.* Poster presented at the 85th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Mennie, K., **Draheim, C.,** Pfannes, K., & Clark-Foos, A. (May, 2013). *Interactions between valence and arousal determine enhancement of emotional memory.* Poster presented at the 85th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Mennie, K., **Draheim, C.,** & Clark-Foos, A. (March, 2013). *Video games and creativity.* Paper presented at the 3rd annual CASL Undergraduate Showcase, University of Michigan-Dearborn, MI.

Nguyen, S., Out, J., & **Draheim, C.** (March, 2013). *How effective are divided attention tasks at dividing attention?* Poster presented at the 3rd annual CASL Undergraduate Showcase, University of Michigan-Dearborn, MI.

Morris, R., Mikhael, Z., Khan, F., Blair, C. R., & **Draheim, C.** (March, 2013). *Can completing intentions ever be done automatically?* Poster presented at the 3rd annual CASL Undergraduate Showcase, University of Michigan-Dearborn, MI.

Clark-Foos, A., **Draheim, C.**, & Mennie, K. (November, 2012). *Thorndike's law of belongingness in item-context binding*. Poster presented at the 53rd annual meeting of the Psychonomic Society, Minneapolis, MN.

Clark-Foos, A., Schick, J., Blair, C. R., Dobbs, C. D., Hochstadt, S., & **Draheim, C.** (May, 2012). *Wer sagt, dass: Source monitoring is better when you understand the language*. Poster presented at the 24th annual meeting of the Association for Psychological Science, Chicago, IL.

Draheim, C., & Mennie, K. (May, 2012). *Memory using Signal Detection Theory*. Poster presented at the 20th annual meeting of Minds, University of Michigan-Dearborn, MI.

Draheim, C., & Abdallah, F. (March, 2012). *Signal Detection Theory in recognition memory*. Poster presented at the 2nd annual CASL Undergraduate Research Showcase, University of Michigan-Dearborn, MI.

Hochstadt, S., & **Draheim, C.** (March, 2012). *Does memory depend on how you ask the question?* Poster presented at the 2nd annual CASL Undergraduate Research Showcase, University of Michigan-Dearborn, MI.

Algahmi, A. M., & **Draheim, C.** (May, 2012). *Source monitoring trade-offs from prospective memory intentions*. Poster presented at the 20th annual meeting of Minds, University of Michigan-Dearborn, MI.

GRADUATE COURSEWORK

Cognitive Psychology	Statistical Analysis I (ANOVA)
Intelligence	Statistical Analysis II (Regression)
Psychological Testing	Multivariate Statistics
Human Abilities	Structural Equation Modeling
Biopsychology	Item Response Theory
Transcranial Magnetic Stimulation	Psychometric Theory
Teaching Practicum	

TEACHING EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY – ATLANTA, GA

Teaching Practicum (Prof. Dr. Dianne Leader)	Spring 2017
Guest lecture: Neuroimaging Methods	
Guest lecture: Memory	
Guest lecture: Personality	
Teaching Assistant	
Course: Intro Psychology (Prof. Tyler Harrison)	Fall 2016
Guest lecture: Personality (trait theory)	

SERVICE

Invited reviewer for the following journals:

Cognition

Memory and Cognition

Journal of Experimental Psychology: General

Psychological Science

UNDERGRADUATE HONORS AND AWARDS

2014	James B. Angell Scholar (University of Michigan)
2012, 2013	Distinguished Psychology Student Award (University of Michigan-Dearborn)
2012	Richard L. Marsh Memorial Award (HuLC Lab, Dr. Arlo Clark-Foos)
2008-2012	Dean's Scholarship (University of Michigan-Dearborn)