

CURRICULUM VITAE  
JUNE, 2017

**CHRISTOPHER D. DRAHEIM, B.A.**

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School of Psychology  
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**EDUCATION**

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**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**

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- Individual differences in working memory capacity, fluid intelligence, and executive functioning
- How individuals adjust performance to meet task demands
- Measurement of executive function tasks

**PEER-REVIEWED PUBLICATIONS**

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

## **CONFERENCE PRESENTATIONS**

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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 submitted to the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.

**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 submitted to the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.

**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.**, 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**

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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**

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### **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)	
Course: Cognitive Psychology (Prof. Dr. Eric Schumacher)	Spring 2014

## **UNDERGRADUATE HONORS & 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)