

# Kristina Krasich

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University of Notre Dame

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## EDUCATION

- Expected: 2019      **University of Notre Dame**, South Bend, IN  
Ph.D. in Psychology (expected 2019)  
M.A. in Psychology (2016)
- May 2011            **Duke University**, Durham, NC  
B.A. in Psychology  
B.A. in English

## RESEARCH EXPERIENCE

- Fall 2014 - Present      **Visual Cognition Laboratory**, South Bend, IN  
*Ph.D. Candidate*  
University of Notre Dame, Department of Psychology  
Advisor: Dr. James R. Brockmole
- Fall 2012 - Summer 2014      **Perception, Performance, Psychophysiology Lab**, Durham, NC  
*Lab Manager*  
Duke University, Department of Psychiatry and Behavioral Sciences  
Advisors: Dr. Lawrence G. Appelbaum & Dr. Stephen R. Mitroff
- Summer 2012            **Duke Visual Cognition Lab**, Durham, NC  
*Research Assistant*  
Duke University, Department of Psychology and Neuroscience  
Advisor: Dr. Stephen R. Mitroff
- Winter 2010 - Summer 2011      **Duke-UNC Brain Imaging Analysis Center**, Durham, NC  
*Undergraduate Subject Coordinator*  
Duke University, University of North Carolina Chapel Hill  
Supervisor: Lindsey Carr

## FUNDING

- 2017 – 2018            **Summer Seminars in Neuroscience and Philosophy**, Durham, NC  
“Stay on Target: Mind wandering, prospective memory, and responsibility”  
*Co-principal Investigator* (\$30,450)  
Duke University, John Templeton Foundation

## PUBLICATIONS

(peer reviewed)

Murray S. & **Krasich, K.** (in review). Can the mind wandering intentionally?.

Hutt, S., **Krasich, K.**, Mills, C., Bosch, N., White, S., Brockmole, J. R., & D’Mello, S. K. (in review). Gaze-based models of mind wandering in classrooms.

**Krasich, K.**, Biggs, A. T., & Brockmole, J. R. (revise & resubmit). Gotta capture ‘em all: How appealing distractors capture visual attention.

**Krasich, K.**, McManus, R., Hutt, S., Faber, M., D’Mello, S. K., & Brockmole, J. R. (in press). Gaze-Based signatures of mind wandering during real-world scene processing. *Journal of Experimental Psychology: General*.

**Krasich, K.**, Ramger, B., Holton, L., Wang, L., Mitroff, S. R., & Appelbaum, L. G. (2016). Sensorimotor learning in a computerized athletic training battery. *Journal of Motor Behavior*, 48(5), 401-412.

Wang, L., **Krasich, K.**, Bel-Bahar, T., Hughes, L., Mitroff S.R., & Appelbaum, L.G. (2015). Mapping the structure of perceptual and visual-motor abilities in healthy young adults. *Acta Psychologica*, 157, 74-84.

## PUBLISHED CONFERENCE PROCEEDINGS

(peer reviewed)

**Krasich, K.**, Hutt, S., Mills, C., Spann, C. A., Brockmole, J. R., & D’Mello, S. K. (in press). “Mind” TS: Testing a brief mindfulness intervention with an intelligent tutoring system. [poster]

Hutt, S., Mills, C., Bosch, N., **Krasich, K.**, Brockmole, J. R., & D’Mello, S. K. (2017). Out of the fr-“eye”-ing pan: Towards gaze-based models of attention during learning with technology in the classroom. *Proceedings of the 25th ACM International Conference on User Modeling, Adaptation, and Personalization*, ACM, 94-103. [talk; 24% acceptance rate]

## CONFERENCE PRESENTATIONS

**Krasich, K.**, Faber, M., Brockmole, J. R., & Radvansky, G. A. (2017, November). How quickly we remember: The rate of short-term consolidation. Poster presented at the Annual Meeting of the Psychonomic Society. Vancouver, BC, Canada.

**Krasich, K.**, McManus, R., Hutt, S., Faber, M., D’Mello, S. K., & Brockmole, J. R. (2017, November). Gaze-based indices of mind wandering during real-world scene processing. Paper presented at the Annual Workshop on Object Perception, Attention, and Memory. Vancouver, BC, Canada.

**Krasich, K.**, Clement, A., Stothart, C., & Brockmole, J. R. (2017, May). Does Memory Consolidation Influence Memory-Driven Attentional Capture? Poster presented at the

- Vision Science Society Annual Meeting. St Pete Beach, FL, USA.
- McManus, R., **Krasich, K.**, Brockmole, J. R., & D’Mello, S. K. (2016, November). Eye movement patterns associated with mind wandering during real-world scene viewing. Poster presented at the Annual Meeting of the Psychonomic Society. Boston, MA, USA.
- Krasich, K.**, Biggs, A. T., & Brockmole, J. R. (2015, November). Infrequency over positivity: How distractors capture attention. Poster presented at the Annual Workshop on Object Perception, Attention, and Memory. Chicago, IL, USA.
- Krasich, K.**, Hughes, L., Wang, L., Bel-Bahar, T., Mitroff, S.R., & Appelbaum, L.G. (2013, November). Visual perception and motor skills across the day. Annual Workshop on Object Perception, Attention, and Memory. Toronto, ON, Canada.
- Appelbaum, L.G., Bel-Bahar, T., Wang, L., **Krasich, K.**, Hughes, L., & Mitroff, S.R. (2013, November). Mapping the core factors of visual perceptual performance. Poster presented at the Annual Meeting of the Psychonomic Society. Toronto, ON, Canada.
- Bel-Bahar, T., Gentzler, E., Adamo, S.H., Wang, L., **Krasich, K.**, Hughes, L., Mitroff S.R., & Appelbaum, L.G. (2013, November). Visuomotor performance is predicted by ERP amplitudes in a rapid serial visual presentation (RSVP) protocol. Poster presented at the Annual Meeting of the Psychonomic Society. Toronto, ON, Canada.

## INVITED LECTURES

- Spring 2018      **The META Lab**, Santa Barbra, CA  
 “Responsibility and mind wandering”  
*Invited Speaker*  
 University of California Santa Barbra

## AWARDS, HONORS, AND DISTICTIONS

- Fall 2017      **Notebaert Professional Development Fund**, South Bend, IN  
*Graduate Student Recipient* (\$975)  
 University of Notre Dame
- Fall 2017      **AKA EAF Graduate Merit Scholarship**, Chicago, IL  
*Graduate Student Recipient* (\$1,000)  
 Alpha Kappa Alpha Educational Advancement Foundation
- Fall 2017      **GSU Conference Presentation Grant**, South Bend, IN  
*Graduate Student Recipient* (\$350)  
 University of Notre Dame
- Fall 2017      **James Chen Best Student Paper Award**, Bratislava, Slovakia  
*Co-author Recipient* (\$1,000)  
 Association for Computing Machinery

- Fall 2016                    **Graduate Teaching Award**, South Bend, IN  
*Co-instructor of Record* (\$100)  
University of Notre Dame
- Spring 2015                **Social Responsibilities of Researchers**, South Bend, IN  
*Graduate Student Fellow* (\$1,600)  
University of Notre Dame

## TEACHING EXPERIENCE

- September, 2017        **Introduction to Biopsychology**, South Bend, IN  
*Guest Lecturer – Psychopharmacology*  
University of Notre Dame
- Fall 2016                    **Introduction to Biopsychology**, South Bend, IN  
*Co-instructor of Record*  
University of Notre Dame
- Fall 2015                    **Introduction to Biopsychology**, South Bend, IN  
*Teaching Assistant*  
University of Notre Dame
- Spring 2015                **Cognitive Psychology**, South Bend, IN  
*Teaching Assistant*  
University of Notre Dame

## SCIENTIFIC OUTREACH

- January 2018              **Responsible Conduct of Research Workshop**, South Bend, IN  
*Discussion Leader*  
University of Notre Dame  
Proctored university ethics training for 1<sup>st</sup> year graduate students
- January 2018  
May 2017                    **Penn High School**, Mishawaka, IN  
*Guest Speaker*  
Penn-Harris-Madison School Corporation  
Presented research to 10<sup>th</sup> and 12<sup>th</sup> grade biology students
- March, 2017  
February, 2016            **N. Indiana Regional Science and Engineering Fair**, South Bend, IN  
*Judge: Behavioral Science*  
The Society for Science & the Public  
Evaluated science projects and provided feedback to contestants
- Spring 2017  
Fall 2016                    **Conversations on Brain, Mind, and Behavior**, South Bend, IN  
*Journal Club Coordinator*  
University of Notre Dame  
Directed journal club, faculty, and guest discussions on neuroscience

April, 2014      **North Carolina Science Festival: Science of Sports**, Chapel Hill, NC  
*Science Presenter*  
North Carolina Science Festival  
Presented research to local community members to promote STEM education

October, 2013      **Museum of Life and Science: Museum After Hours**, Durham, NC  
*Science Presenter*  
North Carolina Museum of Life and Science  
Presented research to local community members promote neurocognitive inquiry

## AD-HOC REVIEWING

*Journal of Cognitive Neuroscience*  
*Journal of Experimental Psychology: Human Perception and Performance*

## MENTORSHIP

### SENIOR THESES

**Erin C. Sullivan**, 2018. *The rate of memory stabilization over time*. University of Notre Dame.  
Internal Funding: Glynn Family Honors Program, Undergraduate Research Grant. (\$4,626).  
Primary Supervisor: Dr. James R. Brockmole.

**Robert McManus**, 2016. *Using eye movements to identify periods of mind wandering during real-world scene perception*. University of Notre Dame. Internal Funding: Undergraduate Research Opportunities Grant, Institute for Scholarship in the Liberal Arts (\$3,130). Primary Supervisor: Dr. James R. Brockmole.

## REFERENCES

**James R. Brockmole, Ph.D.**  
*Professor, Associate Dean of Social Sciences*  
Department of Psychology  
College of Arts & Letters  
University of Notre Dame  
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**Sidney K. D'Mello, Ph.D.**  
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**Gabriel A. Radvansky, Ph.D.**  
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