

ALLISON CANTOR BLACK-MAIER

417 Chapel Drive
Box 90086
Durham NC, 27708

(914) 417-1915
allison.blackmaier@gmail.com

EDUCATION

- 2012 - Present *Duke University, Durham, NC*
Ph.D., Cognitive Psychology, expected 2017
Advisor: Elizabeth Marsh
- 2012 – 2014 *Duke University, Durham, NC*
M.A., Cognitive Psychology
Thesis Title: Stability and Fluctuations of the Knowledge Base
Committee: Elizabeth Marsh, David Rubin, Elizabeth Brannon, and Felipe De Brigard
- 2008 - 2012 *Washington University in St. Louis, St. Louis, MO.*
B.A. in Philosophy-Neuroscience-Psychology
Honors Thesis: Evaluating the persistence of test-potentiated learning under two different delays
Advisors: Kathleen McDermott and John Doris

HONORS AND AWARDS

- 2016 - 2017 Duke University Program for Advanced Research in the Social Sciences Fellowship
- 2016 Duke University Vertical Integration Program Fellowship
- 2016 Duke University Graduate Summer Research Fellowship (\$5,500)
- 2015 Duke University Graduate Conference Travel Award (\$750)
- 2014 Duke University Claire Hamilton Travel Award Recipient (\$250)
- 2014 American Psychological Association Basic Psychological Science Research Grant (\$1000)
- 2013 Duke University Claire Hamilton Travel Award Recipient (\$250)
- 2013 Association for Psychological Science Travel Award (\$200)
- 2012 Duke University Claire Hamilton Travel Award Recipient (\$250)
- 2012 Summa Cum Laude, *Washington U.*
- 2012 Phi Beta Kappa, *Washington U.*

- 2008 - 2012 Dean's List, *Washington U.*
- 2010 Psi Chi Honor Society, *Washington U.*
- 2010 Washington U. Summer Research Stipend Award (\$750)

RESEARCH INTERESTS

Memory and retrieval, applying cognitive psychology to education, metacognition, memory errors, knowledge and remembering

PUBLICATIONS

Cantor, A. D., & Marsh, E. J. (2016). Expertise effects in the Moses Illusion: Detecting contradictions with stored knowledge. *Memory*. doi: 10.1080/09658211.2016.1152377

Marsh, E. J., **Cantor, A. D.**, & Brashier, N. (2016). Believing that Humans Swallow Spiders in their Sleep: False Beliefs as Side Effects of the Processes that Support Accurate Knowledge. *Psychology of Learning and Motivation*, 64, 93-132.

Cantor, A. D., Eslick, A. N., Marsh, E. J., Bjork, R. A., & Bjork, E. L. (2015). Multiple-choice tests stabilize access to marginal knowledge. *Memory & Cognition*, 43, 193-205.

Marsh, E. J., & **Cantor, A. D.** (2014). Learning from the test: Do's and don'ts for using multiple-choice tests. In M. McDaniel, R. Frey, S. Fitzpatrick, & H.L. Roediger (Eds), *Integrating Cognitive Science with Innovative Teaching in STEM Disciplines*. [e-reader version] (pp. 37-52). doi:10.7936/K7Z60KZK

MANUSCRIPTS IN PREPARATION

Black-Maier, A. C., & Marsh, E. J. (in prep). Fluctuations in the Knowledge Base.

Black-Maier, A. C., Butler, A. C., Casimir, E., & Marsh, E. J. (in prep). Testing promotes transfer via improvements in retention.

Butler, A. C., **Black-Maier, A. C.**, Marsh, E. J. (in prep). Retrieval Variability Promotes Superior Transfer of Learning.

PRESENTATIONS

Black-Maier, A. C., & Marsh, E. J. (2016). Comparing the Instability of Event Memory and Knowledge. Poster accepted for presentation at the Psychonomic Society Annual Meeting November 2016, Boston, MA.

- Cantor, A. D.**, & Marsh, E. J. (2015). Instability of access to stored knowledge. Poster presented at the Psychonomic Society Annual Meeting November 2015, Chicago, IL.
- Cantor, A. D.** & Marsh, E. J. (2014) Expertise Effects in the Moses Illusion: Detecting Contradictions with Stored Knowledge. Poster presented at the Psychonomic Society Annual Meeting November 2014, Long Beach, CA.
- Cantor, A. D.** & Marsh, E. J. (2014) Expertise Effects in the Moses Illusion: Detecting Contradictions with Stored Knowledge. Poster presented at the Association for Psychological Science Convention May 2014, San Francisco, CA.
- Cantor, A. D.**, Butler, A. C., Marsh, E. J. (2013) Retrieval Variability Enhances Long-Term Retention and Transfer of Learning. Poster presented at the Association for Psychological Science Convention May 2013, Washington, DC.
- Cantor, A. D.**, (April 2012). Catching contradictions: Does domain expertise matter? Talk given at Duke University's Department of Psychology and Neuroscience First Year Festival Talks, Durham, NC.
- Camp, N. P., **Cantor, A. D.**, Eibach, R., & Purdie-Vaughns, V. (2011). Belongingness uncertainty and preference for structure in school settings among members of underrepresented groups. Poster presented at the Society for Personality and Social Psychology Conference 2011, San Antonio, TX.
- Cantor, A. D.**, Arnold, K., & McDermott, K. (2010). Test Potentiated Learning. Poster presented at Washington University Mind Brain Behavior Research Symposium.

RESEARCH EXPERIENCE

- 2009 - 2012 Undergraduate Research Assistant, *Memory and Cognition Lab*
Washington U., St. Louis, MO
Principle Investigator: Kathleen McDermott
- 2011 Study Abroad Research Assistant, *Computational Visual Cognition Lab*
University of Edinburgh, Edinburgh, UK
Principle Investigator: Antje Nuthmann
- 2010 Summer Research Assistant, *Intergroup Relations and Diversity Lab*
Columbia University, New York, NY
Principle Investigator: Valerie Purdie-Vaughns

PROFESSIONAL MEMBERSHIPS

- 2014 - Present Psychonomic Society
2013 - Present American Psychological Association
2012 - Present Association for Psychological Science
2010 - Present Psi Chi

TEACHING AND MENTORSHIP EXPERIENCE

- Summer 2016 Mentor for Duke undergraduate through Duke University's Vertical Integration research program
- Fall 2015 Teaching Assistant, *Duke University*
Course: Forensic Psychology
- Spring 2015 Mentor for Duke undergraduate's research practicum
- Spring 2015 Teaching Assistant with discussion sections, *Duke University*
Course: Introduction to Cognitive Psychology
- Fall 2014 Mentor for Duke undergraduate's research practicum
- 2013 - 2014 Academic Tutor, *Duke University*
Academic Support Program for Student Athletes
Courses: Introduction to Cognitive Psychology, Introduction to Psychology, Introduction to Statistical Methods in Psychology
- 2013 – 2014 Graduate Student Mentor, *Duke University*
Undergraduate Independent Study Project
- Fall 2013 Teaching Assistant with discussion sections, *Duke University*
Course: Introduction to Cognitive Psychology
- Spring 2014 Teaching Assistant, *Duke University*
Course: Research Methods in Psychological Science
- 2013 – Present Certificate in College Teaching Program

PROFESSIONAL SERVICE

- 2014-2015 Association for Psychological Science Student Caucus Graduate Advocate
- 2014-2015 Reviewer for Association for Psychological Science's Student Grant Competition
- 2013-2014 Member of North Carolina Cognition Conference Planning Committee
- 2013-2014 Head of Student Recruitment Planning Committee for Cognition/Cognitive Neuroscience Area
- 2013-2014 Association for Psychological Science Student Caucus Membership and Volunteers Officer

May 2013	Panelist, Association for Psychological Science Convention
2012 - 2014	Interviewer for Washington University in St. Louis Alumni & Parent Admissions Program
2012 - 2013	Association for Psychological Science Student Caucus Representative
2012 - 2013	Association for Psychological Science Mentorship program
2011 - 2012	Psi Chi Vice President
2009 - 2012	Each One Teach One tutoring program