

Curriculum Vitae Geoffrey B. Maddox

Address: Department of Psychology
110 Clough Hall
Memphis, TN 32118

Phone: 901-843-3170 (Office)
314-616-3585 (Cell)

Email: maddoxg@rhodes.edu

Education

- 2013 Ph.D., Cognitive Psychology (Aging & Development; Cognitive)
Washington University in St. Louis

Dissertation Title: *The Efficiency of Retrieval Practice as a Function of Spacing and Intrinsic Value in Young and Older Adults*
Advised by: Dr. David A. Balota
- 2010 M.A., Experimental Psychology (Aging & Development; Cognitive)
Washington University in St. Louis,
Advised by: Dr. David A. Balota
- 2007 B.A., Psychology, University of Missouri
Magna cum laude, with honors in Psychology
Advised by: Dr. Moshe Naveh-Benjamin

Honors/Fellowships

- 2014 White, K.K., Einstein, G. & **Maddox, G.B.** Psychonomic Society Workshop
Proposal. *Careers at Liberal Arts Colleges: Maintaining a Successful Research Program*
- 2013 Rhodes College, Spence Wilson International Travel Fund Grant
- 2012 Washington University in St. Louis, Dean's Dissertation Fellowship
- 2011 Finalist, *2011 Elderhostel K. Patricia Cross Doctoral Research Grant*
- 2010-2012 NIA Training Grant Fellowship
- 2008-2009 NIA Training Grant Fellowship
- 2007 University of Missouri, Department of Psychological Sciences
Sam C. Brown Outstanding Achievement Award

Research Funding

- 2015 *Enhancing Memory Across the Lifespan: How Does Memory Training Differentially Influence Memory Performance in Young and Older Adults?*, Rhodes College Faculty Development Endowment Grant, \$5000.
- 2006 University of Missouri, Department of Psychological Sciences
Undergraduate Grant

Positions Held

- 2015 - Assistant Professor, Rhodes College
- 2013 - 2015 Visiting Assistant Professor, Rhodes College
- 2006-2007 Research Assistant, University of Missouri Memory and Cognitive Aging Laboratory, Department of Psychology, Dr. Moshe Naveh-Benjamin
- 2005 Research Assistant, University of Missouri Personality Laboratory, Department of Psychology, Dr. Tim Trull
- 2004-2007 Research Assistant, Harry S. Truman Veteran's Affairs Hospital, Department of Behavioral Health, Dr. Martha Brownlee-Duffeck

Journal Publications

- Maddox, G.B.**, & Balota, D.A. (2014). The efficiency of retrieval practice as a function of spacing in young and older adults. *Memory & Cognition*, *43*, 760-774.
- Bui, D.C., **Maddox, G.B.**, Zou, F., & Hale, S.S. (2014). Recursive reminding in the lag effect across deep and shallow levels of processing. *Quarterly Journal of Experimental Psychology*, *67*, 2134-2148.
- Naveh-Benjamin, M., Kilb, A., **Maddox, G.B.**, Thomas, J., Fine, H., Chen, T., & Cowan, N. (2014). Older adults don't notice their names: A new twist on a classic attention task. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *40*, 1540-1550.
- Wahlheim, C.N., **Maddox, G.B.**, & Jacoby, L.L. (2014). The role of reminding in the effects of spaced repetitions on cued recall: Sufficient but not necessary. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *40*, 94-105.
- Bui, D.C., **Maddox, G.B.**, & Balota, D.A. (2012). The roles of working memory and intervening task difficulty in determining the benefits of repetition. *Psychonomic Bulletin & Review*, *20*, 341-347.
- Maddox, G.B.**, Naveh-Benjamin, M., Old, S., & Kilb, A. (2012). The role of attention in the associative binding of emotionally arousing words. *Psychonomic Bulletin & Review*, *19*, 1128-1134.
- Naveh-Benjamin, M., **Maddox, G.B.**, Jones, P, Old, S, & Kilb, A. (2012). The effects of emotional valence and gender on the associative memory deficit of older adults. *Memory & Cognition*, *40*, 551-566.
- Maddox, G.B.**, & Balota, D.A. (2012). Self-control of when and how much to test face-name pairs in a novel spaced retrieval paradigm: An examination of age-related differences. *Aging*,

Neuropsychology, and Cognition, 19, 620-643.

Maddox, G.B., Balota, D.A., Coane, J.H., & Duchek, J.M. (2011). The role of age-related differences in forgetting rates in producing a benefit of expanded over equal spaced retrieval. *Psychology and Aging, 26, 661-670.*

Manuscripts Submitted

Maddox, G.B. (submitted). The spacing effect: An empirical review and search for a theoretical mechanism.

Manuscripts in Preparation

Maddox, G.B., & Balota, D.A. (in prep). Priming recollection: Examining the influence of threshold primes in a cued recall task.

Maddox, G.B., Pyc, M.A., & Schonhoff, A.M. (in prep). Examining the contributions of encoding variability and desirable difficulty to the benefits of repetition in recollection and familiarity based memory performance.

Maddox, G.B., Nestojko, J. F., Balota, D.A., & Neely, J.H. (in prep). On Inferring Test-Expectancy-Induced Encoding Differences in Recall and Recognition: A Methodological, Empirical, and Theoretical Analysis

Conference Presentations

* Denotes student co-author

*Schonhoff, A.M., **Maddox, G.B.**, & Pyc, M.A. (May 2015). *Examining the contributions of encoding variability and desirable difficulty to the benefits of repetition.* Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York, NY.

*Peravali, R., *Gatewood, J., & **Maddox, G.B.** (May 2015). *Training improves participant-implemented equal spaced and expanded retrieval practice.* Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York, NY.

*Kauffman, Z.S. & **Maddox, G.B.** (May 2015). *Examining the influence of task difficulty on participant choices to mass or space retrieval practice.* Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York, NY.

Maddox, G.B., Bui, D.C., & Hale, S.S. (November, 2014). *Differing contributions of encoding variability and reminding to the spacing effect in recall and recognition memory.* Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.

Maddox, G.B. (May, 2014). *Age-related differences in the spacing effect for high and low value materials.* Talk presented at Show-Me Mental State Conference, St. Louis, MO.

Maddox, G.B., & Balota, D.A. (April, 2014). *Age-related differences in the benefits of repeated study and retrieval practice in a value-directed encoding paradigm.* Poster presented at the Cognitive Aging Conference, Atlanta, GA.

Maddox, G.B., & Balota, D.A. (November, 2013). *Spacing and Retrieval Practice Differentially Influence Accuracy and Retrieval Response Latency in both Young and Older*

Adults. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.

Maddox, G.B., & Balota, D.A. (November, 2012). *Threshold priming influences recollection in cued recall performance*. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.

Maddox, G. B., *Zou, F., Bui, D. C., & Hale, S. (November, 2012). *The Influence of Incidental Encoding and Levels of Processing on the Spacing Effect*. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.

Bui, D. C., **Maddox, G. B.**, Zou, F. & Balota, D. A. (May, 2012). *The Roles of Working Memory and Intervening Task Difficulty in Determining the Benefits of Repetition*. Poster presented at the 24th Annual Convention of the Association for Psychological Science, Chicago, IL.

Maddox, G.B., Balota, D.A., Tse, C-S., Duchek, J.M., Fagan, A.M., & Holtzman, D.M. (April 2012). *Differences in recollection estimates are associated with risk-factors and transition to early-stage Alzheimer's disease*. Poster presented at the Cognition Aging Conference. Atlanta, GA.

Maddox, G.B., & Balota, D.A. (November 2011). *Threshold priming in cued recall performance*. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.

Maddox, G.B., & Balota, D.A. (November 2010). *Equal versus expanded retrieval: An examination of participant- and experimenter-selected spaced retrieval schedules*. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.

Maddox, G.B., Balota, D.A., Coane, J.H., & Duchek, J.M. (April 2010). *The role of age-related differences in forgetting rates in producing a benefit of expanded over equal spaced retrieval*. Poster presented at the Cognitive Aging Conference. Atlanta, GA.

Naveh-Benjamin, M., **Maddox, G.B.**, Old, S., Kilb, A., Jones, P., & Hara, Y. (November 2009). *The effects of emotional valence on the associative memory deficit of older adults*. Poster presented at the 50th Annual Meeting of the Psychonomic Society. Boston, MA.

Maddox, G.B. & Balota, D.A. (April 2009). *Veridical and false recall of emotional words*. Talk given at the Midwestern Psychological Association Conference. Chicago, IL.

Maddox, G.B. & Naveh-Benjamin, M. (April 2008). *The effects of emotionally valenced words on the associative deficit of older adults*. Poster presented at the Cognitive Aging Conference. Atlanta, GA.

Maddox, G.B. & Naveh-Benjamin, M. (May 2007). *The effects of emotional words on the associative deficit of older adults*. Poster presented at the Midwestern Psychological Association Conference, Chicago, IL.

Invited Talks

Maddox, G.B., & White, K.K. (August 2015). *Cognitive aging: Setting the stage for success*. Invited talk to the J.K. Lewis Senior Center, Memphis, TN.

Maddox, G.B. (May 2015). *Cognitive aging: Setting the stage for success*. Invited talk to Older Adult Group from Temple Israel, Memphis, TN.

Maddox, G.B. (March 2015). *The influence of training on participant-controlled equal spaced and expanded retrieval practice*. Psychology Department Colloquium, Colby College, Waterville, ME.

Maddox, G.B., & White, K.K. (November 2014). *Cognitive aging: Setting the stage for success*. Invited talk to Heritage Communities, Memphis, TN.

Maddox, G.B. (October 2014). *Cognitive aging: Setting the stage for success*. Invited talk to Salon Circle, Memphis, TN.

Maddox, G.B., & White, K.K. (February 2014). *Cognitive Aging: Research & Applications*. Invited talk for Germantown Senior Citizens Advisory Commission, Germantown, TN.

Maddox, G.B. (January 2014). Study smarter: *Efficient and empirically-supported strategies for improving learning*. Rhodes College, Memphis, TN.

Maddox, G.B., & White, K.K. (December 2013). *Facilitating student learning: Efficient, effective, and empirically-supported strategies for improving classroom performance*. Invited talk for Teaching & Learning Seminar, Rhodes College, Memphis, TN.

Areas of Interest

Aging and Cognition, Human Learning and Memory, Metamemory, Emotion and Cognition, Controlled vs. Automatic Processing

Teaching Experience and Interests

Statistics, Aging and Development, Human learning and memory, Cognitive Psychology, Research Methods, Emotion and Cognition, Introduction to Psychology

- 2013 - Assistant Professor, Rhodes College
Courses: Introduction to Psychology; Research Methods and Statistics; Advanced Topics in Research Methods: Randomized Experiments
- 2012 Instructor, Washington University in St. Louis
Course: Introductory Psychological Statistics
- 2009-2011 Graduate Student Mentor for students from the Students and Teachers as Research Scientists (STARS) Summer research program, Washington University in St. Louis
- 2009-2010 Teaching Assistant, Graduate Level
Quantitative Methods I & II, Instructor: Martha Storandt
- 2009 Honors thesis graduate student Mentor for Mitra Haeri. Thesis Title: *Age differences in memory for face-name associations: The effects of spaced retrieval on learning*.

University and Department Service

- 2014 - Institutional Review Board, Rhodes College
- 2014 - LGBT Working Group, Rhodes College
- 2014 - Department of Psychology Climate and Culture Committee, Rhodes College
- 2013, 2014 Panelist on Preparing and Applying to Graduate School, Rhodes College
- 2013 - Department of Psychology Curriculum Committee, Rhodes College
- 2009-2011 Department of Psychology Colloquium Committee, Washington University in St. Louis
- 2008- 2011 Graduate Student Senate, Graduate School of Arts & Sciences (Senator, Secretary, Vice President of Finance), Washington University in St. Louis
- 2008- 2009 Campus YMCA summer camp lectures on Psychology and related careers

Ad Hoc Reviewer

Acta Psychologica; Applied Cognitive Psychology; Cognition and Emotion; Journal of Applied Research in Memory and Cognition; Journal of Cognitive Psychology; Journal of Experimental Psychology: Learning, Memory and Cognition; PLOS One, Psychology and Aging; Psychological Science

Membership

Association for Psychological Science; Midwestern Psychological Association, Psychonomic Society