

CURRICULUM VITA

Carrick C. Williams, Ph.D.

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Citizenship: Citizen of the United States

Education: B.S. (1995) in Psychology and Political Science
Kansas State University

M.A. (1997) in Psychology
Michigan State University

Ph. D. (2003) in Psychology,
Michigan State University
Dissertation: Age differences in visual memory and the relation to
eye movements and executive control processes in visual search.

C. C. WILLIAMS

Academic Positions:

Assistant Professor, Mississippi State University, 2005-
 Postdoctoral Researcher, University of Massachusetts, 2003-2005
 Instructor for Psychological Statistics, University of Massachusetts, Spring 2005
 Graduate Research Assistant, Michigan State University, 2000-2003
 Instructor for Cognitive Psychology, Michigan State University, 2003
 Instructor for Introductory Psychology, Michigan State University, 2001
 Teaching Assistant for Cognitive Psychology, Michigan State University, 1998
 Teaching Assistant for Laboratory in Cognitive Psychology, Michigan State University,
 1997
 Teaching Assistant for Introductory Psychology, Michigan State University, 1996
 Teaching Assistant for Enhanced University Experience, Kansas State University, 1994
 Teaching Assistant for Introductory Psychology, Kansas State University, 1993

Primary Research Interests:

Eye Movements, Visual Cognition, Memory, and Aging,

Primary Teaching Interests:

Cognitive Psychology
 Sensation and Perception
 Visual Cognition
 Statistics and Methods

Professional Organizational Membership:

Psychonomic Society (Associate member)
 Association for Psychological Science

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Awards, Fellowships, and Grants:

Awards

Phi Beta Kappa

Cum Laude, Kansas State University, 1995

National Science Foundation Graduate Fellowship, Honorable Mention, 1996, 1997

Fellowships

NIMH Postdoctoral Fellow, University of Massachusetts, 8/03 – 8/05

Michigan State University Distinguished Fellow, 8/95 – 5/00

Grants

Pending: “The Impact of Occlusion on Visual Search and Object Memory”,
Carrick Williams (Principal Investigator), National Science
Foundation

Journal Articles:

Williams, C. C., & Henderson, J. M. (In Press). The face inversion effect is not a consequence of aberrant eye movements. *Memory and Cognition*.

Rayner, K., Li, X., Williams, C. C., Cave, K. R., & Well, A. D. (In Press). Eye movements during information processing tasks: Individual differences and cultural effects. *Vision Research*.

Williams, C. C., & Pollatsek, A. (2007). Searching for an O in an array of Cs: Eye movements track moment-to-moment processing in visual search. *Perception & Psychophysics*, *69*, 372-381.

Christianson, K., Williams, C. C., Zacks, R. T., & Ferreira, F. (2006). Younger and older adults’ “Good Enough” interpretations of garden path sentences. *Discourse Processes*, *42*, 205-238.

Rayner, K., Reichle, E. D., Stroud, M. J., Williams, C. C., & Pollatsek, A. (2006). The effect of word frequency, word predictability, and font difficulty on the eye movements of younger and elderly readers. *Psychology & Aging*, *21*, 448-465.

Williams, C. C., Perea, M., Pollatsek, A., & Rayner, K. (2006). Previewing the neighborhood: The role of orthographic neighbors as parafoveal previews in reading. *Journal of Experimental Psychology: Human Perception & Performance*, *32*, 1072-1082.

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Henderson, J. M., Williams, C. C., & Falk, R. J. (2005). Eye movements are functional during face learning. *Memory & Cognition*, *33*, 98-106.

Williams, C. C., Henderson, J. M., & Zacks, R. T. (2005). Incidental visual memory for targets and distractors in visual search. *Perception & Psychophysics*, *67*, 816-827.

Davidson, D. J., Zacks, R. T., & Williams, C. C. (2003). Stroop interference, practice, and aging. *Ageing, Neuropsychology, & Cognition*, *10*, 85-98.

Henderson, J. M., Williams, C. C., Castelhana, M. S., Falk, R. J. (2003). Eye movements and picture processing during recognition. *Perception & Psychophysics*, *65*, 725-734.

Butler, K. M., Williams, C. C., Zacks, R. T., Maki, R. (2001). Limits on retrieval-induced forgetting. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *27*, 1314-1319.

Hollingworth, A., Williams, C. C., & Henderson, J. M. (2001). Scene context and change blindness: Memory mediates change detection. *Psychonomic Bulletin & Review*, *8*, 761-768.

Williams, C. C., & Zacks, R. T. (2001). Is retrieval-induced forgetting an inhibitory process? *American Journal of Psychology*, *114*, 329-354.

Conference Proceedings:

Williams, C.C., Hollingworth, A., & Henderson, J. M. (2000). Scene context and change blindness: Memory mediates change detection. *Proceedings of the Twenty-Second annual conference of the Cognitive Science Society* (p. 1068). Mahwah, NJ: Erlbaum.

Published Abstract:

Li, X., Rayner, K., Williams, C. C., Cave, K. R., & Well, A. D. (2007). Eye movements and individual differences. *Visual Cognition*, *15*, 105-108.

Williams, C. C., Henderson, J. M., & Zacks, R. T. (2003). Incidental memory in visual search: both targets and rejected distractors leave a lingering trace. *Journal of Vision*, *3*, 30a.

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Manuscripts in Progress:

Williams, C. C. (Submitted). Not all visual memories are created equal.

Williams, C. C., Pollatsek, A., Cave, K. R., & Stroud, M. (Submitted). More than just finding color: Strategy in global visual search is shaped by learned target probabilities.

Williams, C. C., Zacks, R. T., & Henderson, J. M. (Submitted). Age differences in what is viewed and remembered in complex conjunction search.

Conference Presentations:

Williams, C. C. (2007). *Not all visual memories are created equal*. Paper to be presented at the annual meeting of the Psychonomic Society, Long Beach, CA.

Williams, C. C., & Pollatsek, A. (2006). *Ongoing Cognitive Processing in Visual Search*. Poster presented at the annual meeting of the Psychonomic Society, Houston, TX.

Li, X., Rayner, K., Williams, C. C., Cave, K. R., & Well, A. W. (2006). *Eye Movements and Individual Differences*. Paper presented at the annual meeting of the Object, Perception, Attention and Memory, Houston, TX.

Butler, K., Guinther, P. M., Sitton, K. S., & Williams, C. C. (2006). *The Relationship between Working Memory Capacity and Long-term Object Memory*. Poster presented at the XVI Southwest Conference on Cognition, Lubbock, TX.

Williams, C. C., Perea, M., Pollatsek, A., & Rayner, K. (2005). *The role of orthographic neighbors as parafoveal previews in reading*. Poster presented at the annual meeting of the Psychonomic Society, Toronto, ON.

Li, X., Rayner, K., Williams, C. C., Cave, K. R., & Well, A. W. (2005). *Differences in picture processing and its relation with reading performance for Chinese and English readers*. Paper presented at the biannual meeting of the European Conference on Eye Movements, Bern, Switzerland.

Williams, C. C., Zacks, R. T., & Henderson, J. M. (2003). *Incidental memory in visual search: Age differences in visual memory for targets but not distractors*. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, BC.

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- Williams, C. C., Henderson, J. M. & Zacks, R. T. (2003). *Incidental memory in visual search: both targets and rejected distractors leave a lingering trace*. Paper presented at the annual meeting of the Vision Sciences Society, Sarasota FL.
- Williams, C. C., Zacks, R. T., Ferreira, F., & Christianson, K. (2002). *Misrepresentation of garden path sentences in younger and older adults*. Poster presented at the biannual meeting of the Cognitive Aging Conference, Atlanta, GA.
- Williams, C. C., Zacks, R. T., Ferreira, F., & Christianson, K. (2001). *Misrepresentation of garden path sentences in younger and older adults*. Poster presented at the annual meeting of the Psychonomic Society, Orlando, FL.
- Williams, C. C., & Zacks, R. T. (2000). *Age comparisons of part-list cueing and false memory effects*. Poster presented at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Williams, C.C., Hollingworth, A., & Henderson, J. M. (2000). *Scene context and change blindness: Memory mediates change detection*. Poster presented at the annual meeting of the Cognitive Science Society, Philadelphia, PA.
- Williams, C. C. & Zacks, R. T. (2000). *The effect of part-list cues on false memories*. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Zacks, R. T., Butler, K. M., Williams, C. C., Davidson, D. (2000). *Attention and association formation in younger and older adults*. Poster presented at the biannual meeting of the Cognitive Aging Conference, Atlanta, GA.
- Williams, C. C., Butler, K. M., & Zacks, R. T. (1998). *Retrieval-induced forgetting does not generalize to other memory tests*. Poster presented at the annual meeting of the Psychonomic Society, Dallas, TX.
- Williams, C. C. & Zacks, R. T. (1997). *Retrieval-induced forgetting in older and younger adults*. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Butler, K. M., Williams, C. C., Zacks, R. T., & Maki, R. (1997). *Retrieval inhibition on an implicit memory test*. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

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Williams, C. (1995). *Memory for the Manual Alphabet*. Poster presented at the annual meeting of the Midwestern Psychological Society, Chicago, IL.

Current Research:

Eye movements and reading
 Visual processing of irrelevant information
 Object memory from incidental and intentional viewing
 Visual search and eye movements
 Scene and face processing

Professional Service:

Consulting Editor for *Visual Cognition*
 Ad Hoc Reviewer for *Cognition*, *Journal of Experimental Psychology: Learning, Memory & Cognition*, *Memory, Memory & Cognition*, *Psychology & Aging*, *Psychonomic Bulletin & Review*, *Quarterly Journal of Experimental Psychology*, *Schizophrenia Research*, *Spanish Journal of Psychology*, *Vision Research*

Academic Service:

Society of Scholars advisory board, College of Arts and Sciences, Mississippi State University
 Undergraduate Curriculum Committee, Psychology Department, Mississippi State University
 Ad Hoc Cognitive Science Curriculum Committee, Mississippi State University
 Cognitive Science Certificate Committee, Chair, Mississippi State University
 Cognitive Science Graduate Program Review Committee, Chair, Mississippi State University

Courses Taught:

Introductory Psychology
 Cognitive Psychology
 Introductory Statistics
 Psychology and Aging (Graduate and Undergraduate sections)
 Sensation and Perception (Graduate and Undergraduate sections)
 Graduate Attention Seminar