

Keith B. Lyle – Curriculum Vitae

Curriculum Vitae

Keith B. Lyle

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Education

- 2005 Ph.D. in Cognitive Psychology; Yale University; Advisor: Marcia K. Johnson
2002 M.A. in Cognitive Psychology; Yale University; Advisor: Marcia K. Johnson
1998 B.S. in Psychology with Highest Distinction; Indiana University

Postdoctoral Training

- 2005-2007 Postdoctoral Fellowship at Washington University in Saint Louis with Dr. Mark A. McDaniel and Dr. Henry L. Roediger, III

Professional Experience

University of Louisville

2007-present Assistant Professor, Dept. of Psychological and Brain Sciences

Indiana University

- 1998-1999 Research Assistant, Memory and Attention Lab, Dr. Richard M. Shiffrin
1998-1999 Research Assistant, Tactile Sensitivity Lab, Dr. James C. Craig
1997-1998 Research Assistant, Alcohol and Anti-Sociality Lab, Dr. Peter R. Finn

Honors and Awards

- 2009 Victor A. Olorunsola Endowed Research Award for Young Scholars
2004-2005 Yale University Dissertation Writing Fellowship
2000-2003 National Science Foundation Graduate Research Fellowship
1997 Phi Beta Kappa, Indiana University
1997 Honors Division Senior Achievement Award, Indiana University

Courses Frequently Taught

Undergraduate

Human Memory, Quantitative Methods in Psychology, Cognitive Processes

Graduate

Human Memory, Cognitive Neuroscience

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Research Interests

Source monitoring; memory errors and distortions; brain mechanisms of memory; cognitive aging; laterality and handedness; applying cognitive psychology to education

Publications

Butler, A.C., Zaromb, F.M., Lyle, K.B., & Roediger, H.L., III. (2009). Using popular films to enhance classroom learning: The good, the bad, and the interesting. *Psychological Science, 20*, 1161-1168.

Hirst, W., Phelps, E.A., Buckner, R.L., Budson, A.E., Cuc, A., Gabrieli, J.D., Johnson, M.K., Lustig, C., Lyle, K.B., Mather, M., Meksin, R., Mitchell, K.J., Ochsner, K.N., Schacter, D.L., Simons, J.S., & Vaidya, C.J. (2009). Long-term memory for the terrorist attack of September 11: Flashbulb memories, event memories, and the factors that influence their retention. *Journal of Experimental Psychology: General, 138*, 161-176.

McDaniel, M.A., Lyle, K.B., Butler, K.M., & Dornburg, C.C. (2008). Age-related deficits in reality monitoring of action memories. *Psychology and Aging, 23*, 646-656.

Lyle, K.B., McCabe, D.P., & Roediger, H.L., III. (2008). Handedness is related to memory via hemispheric interaction: Evidence from paired associate recall and source memory tests. *Neuropsychology, 22*, 523-530.

Lyle, K.B., Logan, J.M., & Roediger, H.L., III. (2008). Eye movements enhance memory for individuals who are strongly right-handed and harm it for individuals who are not. *Psychonomic Bulletin & Review, 15*, 515-520.

Lyle, K.B., & Johnson, M.K. (2007). Source misattributions may increase the accuracy of source judgments. *Memory & Cognition, 35*, 1024-1033.

Lyle, K.B., Bloise, S.M., & Johnson, M.K. (2006). Age-related binding deficits and the content of false memories. *Psychology and Aging, 21*, 86-95.

Lyle, K.B., & Johnson, M.K. (2006). Importing perceived features into false memories. *Memory, 14*, 197-213.

Lyle, K.B. & Johnson, M.K. (2004). Effects of verbalization on lineup face recognition in an interpolated inspection paradigm. *Applied Cognitive Psychology, 18*, 393-403.

Huber, D. E., Shiffrin, R. M., Lyle, K. B., & Quach, R. (2002). Mechanisms of source confusion and discounting in short-term priming 2: Effects of prime

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similarity and target duration. *Journal of Experimental Psychology: Learning Memory and Cognition*, 28, 1120-1136.

Huber, D. E., Shiffrin, R. M., Quach, R., & Lyle, K. B. (2002). Mechanisms of source confusion and discounting in short-term priming 1: Effects of prime duration and prime recognition. *Memory & Cognition*, 30, 745-757.

Craig, J.C. & Lyle, K.B. (2001). A comparison of tactile spatial sensitivity on the palm and fingerpad. *Perception & Psychophysics*, 63, 337-347.

Huber, D. E., Shiffrin, R. M., Lyle, K. B., & Ruys, K. I. (2001). Perception and preference in short-term word priming. *Psychological Review*, 108, 149-182.

Papers In Press

Papers Accepted Pending Minor Revisions

Lyle, K.B., & Crawford, N.A. *The power of PUREMEMs: Daily retrieval practice increases performance on statistics for psychology exams*. Teaching of Psychology.

Papers Under Review

Lyle, K.B., Edlin, J.M., Hackländer, R.P., & Hanaver-Torrez, S.D. *The Edinburgh Handedness Inventory is not a single, uniformly used measure of laterality*. Lateralidad.

Lyle, K.B., & Jacobs, N.E. *Is saccade-induced retrieval enhancement a potential means of improving eyewitness evidence?* Applied Cognitive Psychology.

Lyle, K.B., & Martin, J.M. *Bilateral saccades increase intrahemispheric processing but not interhemispheric interaction: Implications for saccade-induced retrieval enhancement*. Psychonomic Bulletin & Review.

Lyle, K.B., McDaniel, M.A., Young, A.S., & Heyden, R.J. *Does interactivity enhance learning from computer-based textbooks?* Journal of Cognitive Education and Psychology.

Conference Presentations

Lyle, K.B., & Jacobs, N.E. (2009). *Saccade-induced retrieval enhancement: A fast, easy, and free way to improve eyewitness memory?* Poster to be presented at the fiftieth annual meeting of the Psychonomic Society. Boston, MA.

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Eidson, R.C., & Lyle, K.B. (2008). *Mental rotation ability depends on both sex and gender identity*. Poster presented at the forty-ninth annual meeting of the Psychonomic Society. Chicago, Illinois.

Edlin, J.M., & Lyle, K.B. (2008). *Repetitive vertical saccades improve procedural memory*. Poster presented at the twentieth annual meeting of the Association for Psychological Science. Chicago, Illinois.

Lyle, K.B. (2008). *Saccade-induced retrieval enhancement depends on whether information is intentionally or incidentally encoded*. Poster presented at the twentieth annual meeting of the Association for Psychological Science. Chicago, Illinois.

Lyle, K.B., McDaniel, M.A., Young, A.S., & Heyden, R.J. (2007). *High-tech textbooks: Do dynamic visual displays and interactivity increase learning?* Poster presented at the forty-eighth annual meeting of the Psychonomic Society, Long Beach, California.

Lyle, K.B., McDaniel, M.A., & Roediger, H.L., III. (2007). *Further evidence that testing memory increases acceptance of misinformation*. Poster presented at the nineteenth annual meeting of the Association for Psychological Science, Washington, D.C.

Lyle, K.B., Logan, J.M., & Roediger, H.L., III. (2006). *Does moving your eyes before a memory test enhance performance?* Poster presented at the forty-seventh annual meeting of the Psychonomic Society, Houston, Texas.

Lyle, K.B., McCabe, D.P., Heitman, J.L., & Roediger, H.L., III. (2006). *Handedness, memory, and aging*. Poster presented at the eighteenth annual meeting of the Association for Psychological Science, New York, New York.

Lyle, K.B., & Johnson, M.K. (2005). *More detailed real memories can give rise to more detailed false memories*. Poster presented at the forty-sixth annual meeting of the Psychonomic Society, Toronto, Canada.

Lyle, K.B., & Johnson, M.K. (2005). *False-accurate memories: When source-monitoring failure improves source memory*. Paper presented at the seventy-seventh annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

Lyle, K.B., & Johnson, M.K. (2004). *Perception may be a more dangerous source of false memories than imagination*. Paper presented at the sixteenth annual meeting of the American Psychological Society, Chicago, Illinois.

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Lyle, K.B., Bloise, S.M., & Johnson, M.K. (2004). *Age-related binding deficits and false memories*. Poster presented at the sixteenth annual meeting of the American Psychological Society, Chicago, Illinois.

Raye, C.L., Mitchell, K.J., Lyle, K.B., Greene, E.J., & Johnson, M.K. (2004). *PFC activity and refreshing just-active information with and without a semantic cue*. Poster presented at the eleventh annual meeting of the Cognitive Neuroscience Society, San Francisco, California.

Lyle, K.B., & Johnson, M.K. (2003). *False memories acquire the content of real memories*. Poster presented at the fifteenth annual meeting of the American Psychological Society, Atlanta, Georgia.

Lyle, K.B. & Johnson, M.K. (2001). *The effects of interpolated verbal description on memory for study and test faces*. Paper presented at the seventy-third annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

Huber, D.E., Shiffrin, R.M., Quach, R., & Lyle, K.B., (2000). *Preference for prime-related words in short-term priming: The effects of target duration and prime similarity*. Paper presented at the forty-first annual meeting of the Psychonomic Society, New Orleans, Louisiana.

Huber, D.E., Lyle, K.B., & Shiffrin, R.M. (1999). *Short-term priming: Data and a model for bias and interference*. Paper presented at the fortieth annual meeting of the Psychonomic Society, Los Angeles, California.

Huber, D.E., Lyle, K.B., & Shiffrin, R.M. (1999). *Short-term priming: Data and a model for bias and interference*. Paper presented at the thirty-second annual Mathematical Psychology Meeting, Santa Cruz, California.

Invited Talks

Department of Psychology, Davidson College, April 2009