

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

Cognitive Processes, Human Memory, Quantitative Methods in Psychology

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

Lyle, K.B., Hanaver-Torrez, S.D., Hackländer, R.P., & Edlin, J.M. Consistency of handedness, regardless of direction, predicts baseline memory accuracy and potential for memory enhancement. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. doi: 10.1037/a0024831

Lyle, K.B., & Orsborn, A.E. (2011). Inconsistent handedness and saccade execution benefit face memory without affecting interhemispheric interaction. *Memory, 19*, 613-624.

Lyle, K.B., & Crawford, N.A. (2011). Retrieving essential material at the end of lectures improves performance on statistics exams. *Teaching of Psychology, 38*, 94-97.

Lyle, K.B., & Jacobs, N.E. (2010). Is saccade-induced retrieval enhancement a potential means of improving eyewitness evidence? *Memory, 18*, 581-594.

Lyle, K.B., & Martin, J.M. (2010). Bilateral saccades increase intrahemispheric processing but not interhemispheric interaction: Implications for saccade-induced retrieval enhancement. *Brain and Cognition, 73*, 128-134.

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.

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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 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 Under Review

Book Reviews

Lyle, K.B. (2010). Flashbulb Memories: New Issues and New Perspectives. *Memory Studies*, *3*, 440-441.

Conference Presentations

Lyle, K.B. (2012). *Retrieve before you leave: End-of-lecture retrieval practice increases statistics exam performance*. Presentation to be given at the twenty-four annual meeting of the Association for Psychological Science. Chicago, IL.

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Lyle, K.B., & Cole, A.B. (2011). *Identifying superior eyewitnesses: Handedness predicts eyewitness memory accuracy*. Poster to be presented at the fifty-second annual meeting of the Psychonomic Society. Seattle, WA.

Thibaudeau, T.A., Lyle, K.B., & Weinstein, Y. (2011). *How actions become associated with truth: Effects of performance, imagination, and reading*. Poster presented at the twenty-third annual meeting of the Association for Psychological Science. Washington, D.C.

Holmes, S.M., & Lyle, K.B. (2011). *Do the cerebral hemispheres cooperate to encode visual information? It may depend on handedness*. Poster presented at the twenty-third annual meeting of the Association for Psychological Science. Washington, D.C.

Baughman, P.G., & Lyle, K.B. (2011). *Why students forget most of what they're taught, and what you can do about it*. Poster presented at the 2011 American Dental Education Association Annual Session & Exhibition. San Diego, CA.

Cook, G.I., Merritt, P.S., Lyle, K.B., & Rueschenberg, A. (2010). *Size still matters: Emotional valence contributes to JOLs without eliminating the encoding-fluency effect caused by font size*. Poster presented at the fifty-first annual meeting of the Psychonomic Society. Saint Louis, MO.

Edlin, J.M., & Lyle, K.B. (2010). *Increasing executive control with a flick of the eyes*. Poster presented at the fifty-first annual meeting of the Psychonomic Society. Saint Louis, MO.

Lyle, K.B., Edlin, J.M., Hanaver-Torrez, S.D., & Hackländer, R.P. (2010). *Consistency of hand preference, regardless of direction, predicts baseline memory performance and potential for enhancement*. Poster presented at the fifty-first annual meeting of the Psychonomic Society. Saint Louis, MO.

Hackländer, R.P., & Lyle, K.B. (2010). *Do all bilateral motor movements enhance memory retrieval?: A test of the interhemispheric interaction hypothesis*. Poster presented at the eighty-second annual meeting of the Midwestern Psychological Association. Chicago, IL.

Hanaver-Torrez, S.D., & Lyle, K.B. (2010). *Can repetitive saccadic eye movements enhance mental rotation?: It depends on sex and handedness*. Poster presented at the eighty-second annual meeting of the Midwestern Psychological Association. Chicago, IL.

Lyle, K.B., & Jacobs, N.E. (2009). *Saccade-induced retrieval enhancement: A fast, easy, and free way to improve eyewitness memory?* Poster 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

Southeastern Workers in Memory Conference at the annual meeting of the Southeastern Psychological Association, March 2010

Department of Psychology, Davidson College, April 2009