

# Mary A. Pyc

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## Education

- 2005-present Kent State University, Mentor: Dr. Katherine Rawson  
Master's Thesis: Labor and gain, but then labor in vain: Diminishing returns of repeated retrieval practice (defended 2007)  
Ph.D., Experimental Psychology: Anticipated, May 2010
- 2001-2005 Keene State University: B.A., Psychology, 2005, Magna Cum Laude  
Mentor: Dr. Donna Viveiros

## Teaching Interests

At the undergraduate level, I have experience teaching cognitive psychology and a writing intensive course for cognitive psychology (Fall 2008, Spring 2009), and could teach advanced cognitive psychology, seminars in cognitive psychology, introductory psychology, introductory statistics, and research methods. At the graduate level, I am interested in teaching cognitive psychology and seminars in cognitive psychology.

## Research Program

My research interests involve promoting student learning, including when retrieval practice is beneficial for memory, evaluating theoretical accounts for why retrieval practice is beneficial for memory, how students self-regulate learning, and how students' metacognition is related to their self-regulated learning.

## Peer-reviewed publications

- Pyc, M. A., & Dunlosky, J. (in press). Toward an understanding of students' allocation of study time: Why do they decide to mass or space their practice? *Memory & Cognition*.
- Pyc, M. A., & Rawson, K. A. (in press). Costs and benefits of dropout schedules of test-restudy practice: Implications for student learning. *Applied Cognitive Psychology*.
- Pyc, M. A., & Rawson, K. A. (2009). Testing the Retrieval Effort Hypothesis: Does greater difficulty correctly recalling information lead to higher levels of memory? *Journal of Memory and Language*, 60, 437-447.
- Pyc, M. A., & Rawson, K. A. (2007). Examining the efficiency of schedules of distributed retrieval practice. *Memory & Cognition*, 35, 1917-1927.

## Pending Publications

- Bailey, H., & Pyc, M. A. Do working memory span differences influence the memorial benefits of retrieval practice schedules of learning? *Manuscript in preparation.*
- Grimaldi, P., Pyc, M. A., & Rawson, K. A. Normative multitrial recall performance, metacognitive judgments, and retrieval latencies for Lithuanian-English paired associates. *Manuscript in preparation.*
- Pyc, M. A., & Rawson, K. A. Are judgments-of-learning sensitive to factors that promote memory? *Manuscript in preparation.*
- Pyc, M. A., Wissman, K. T., & Rawson, K. A. When, why, & how students use flashcards: Suboptimal use of the self-testing strategy. *Manuscript in preparation.*
- Wissman, K. T., Rawson, K. A., & Pyc, M. A. Less is more: Shorter texts improve memory and reduce proactive interference. *Manuscript in preparation.*

## Presentations

- Pyc, M. A., & Rawson, K. A. (2009). *Are judgments-of-learning sensitive to ISI and criterion level effects?* Paper presented at the 81<sup>st</sup> annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Wissman, K. T., Pyc, M. A., & Rawson, K. A. (2009). *Less is more: Shorter texts improve memory and reduce proactive interference.* Poster presented at the 81<sup>st</sup> annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Pyc, M. A., & Rawson, K. A. (2008, November). *Testing the Desirable Difficult Account of Retrieval Practice.* Poster presented at the 49<sup>th</sup> annual meeting of the Psychonomic Society, Long Beach, CA.
- Pyc, M. A., & Rawson, K. A. (2008, May). *Diminishing Returns of Increasing Retrieval Practice.* Paper presented at the 80<sup>th</sup> meeting of the Midwestern Psychological Association, Chicago, IL.
- Pyc, M. A., & Rawson, K. A. (2007, November). *Distributed retrieval practice: How much is enough?* Poster presented at the 48<sup>th</sup> annual meeting of the Psychonomic Society, Long Beach, CA.
- Pyc, M. A. & Rawson, K. A. (2007, May). *Efficiency of fixed vs. variable schedules of distributed retrieval practice.* Paper presented at the 79<sup>th</sup> meeting of the Midwestern Psychological Association, Chicago, IL.

Burke, T. M., Pyc, M. A., & Rawson, K. A. (2007, May) *Does repeated retrieval-plus-restudy improve memory for key ideas in text?* Poster presented at the 79<sup>th</sup> meeting of the Midwestern Psychological Association, Chicago, IL.

Rawson, K. A., Dunlosky, J., & Pyc, M. A. (2006, June). *Do repeated practice tests promote student learning of text material?* Poster presented at the Institute of Education Sciences Research Conference, Washington, DC.

Pyc, M. & Viveiros, D. M. (2006, May). *Film-induced emotionality does not influence performance on a reading comprehension task.* Presented at the 18<sup>th</sup> meeting of the Association for Psychological Science, New York, NY.

Pyc, M. A., & Rawson, K. A. (2006, November). *Schedules of retrieval practice for improving learning: Less is more?* Poster presented at the 47<sup>th</sup> meeting of the Psychonomic Society, Houston, TX.

## **HONORS & AWARDS**

2005            Keene State College Honors Award

2001-2005    Dean's Scholar Award, Keene State College

## **PROFESSIONAL ORGANIZATIONS**

Association for Psychological Science (APS)

International Association for Metacognition (IAM)

Midwestern Psychological Association (MPA)

Psi Chi National Honor Society