

## References for Three Strategies to Improve Student Learning

### TEST-ENHANCED LEARNING

Karpicke, J. & Blunt, J. (2011). Retrieval practice produces more learning than elaborative studying with concept mapping. *Science*, 331, 772-775.

Roedinger, H., McDaniel, M., & McDermott, K. (2006, March). Test-enhanced learning. *Association for Psychological Science Observer*, Volume 19, Number 3.

Rohrer, D. & Paschler, H. (2010). Recent research on human learning challenges conventional instructional strategies. *Educational Researcher*, 39 (5), 406-412.

Belluck, P. (2011, January). To really learn, quit studying and take a test. *New York Times*, Retrieved June 1, 2011 from <http://www.nytimes.com/2011/01/21/science/21memory.html>.

Wikipedia (2011). Testing effect, Retrieved June 1, 2011 from [http://en.wikipedia.org/wiki/Testing\\_effect](http://en.wikipedia.org/wiki/Testing_effect)

### REDUCING TEST ANXIETY

Beilock, S. (2010). *Choke: What the secrets of the brain reveal about getting it right when you have to*. Free Press: NY.

Beilock, S. (2011). An interview with Sian Beilock on how writing about testing-worries boosts exam performance in the classroom, <http://www.sciencemag.org/content/331/6014/211/suppl/DC2>

Cassady, J. C. & Johnson, R. E. (2002). Cognitive test anxiety and academic performance. *Contemporary Educational Psychology*, 27, 270–295. doi:10.1006/ceps.2001.1094.

Cassady, J. C. (2004). The influence of cognitive test anxiety across the learning-testing cycle. *Learning and Instruction*, 14, 6, 569-592.

Ramirez, G. & Beilock, S. (2011). Writing about testing worries boosts exam performance in the classroom. *Science*. Vol. 331, January 14, 2011, pp. 211-213.

### WORKED EXAMPLES

Clark, R. & Mayer, R. (2007). Leveraging examples in e-learning. *In e-Learning and the Science of Instruction* (2<sup>nd</sup> edition). Pfeiffer: San Francisco.

Sweller, J. (2006). The worked example effect and human cognition. *Learning and Instruction*, 16(2) 165–169.

Wikipedia, (2011). Worked-example effect. Retrieved June 1, 2011 from [http://en.wikipedia.org/wiki/Worked-example\\_effect](http://en.wikipedia.org/wiki/Worked-example_effect)