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Education

2011 – Present Program for Experimental Psychology: Cognitive
Kent State University, Kent, OH
Mentor: Dr. John Dunlosky

2006 – 2010 B.A. in Psychology
University of Alabama in Huntsville, Huntsville, AL
Mentor: Dr. Jodi Price

Research Interests

- Metacognition
- Judgments of learning
- Math learning and education
- Student learning
- Judgments and decision making

Publications

- Mueller, M. L., Dunlosky, J., & Tauber, S. K. (in press). Why Is Knowledge Updating After Task Experience Incomplete? Contributions of Encoding Experience, Scaling Artifact, and Inferential Deficit. *Memory & Cognition*.
- Price, J., Jones, L., & Mueller, M. L. (2014). The Role of Warnings in Younger and Older Adults' Retrieval-induced Forgetting. *Aging, Neuropsychology, & Cognition*.
- Dunlosky, J., Mueller, M.L., & Tauber, S. K. (2014). The contribution of processing fluency (and beliefs) to people's judgments of learning. To appear in Lindsay, D. S., Kelley, C. M., Yonelinas, A. P., & Roediger, H. L. III (Eds.). *Remembering: Attributions, processes, and control in human memory: Papers in honour of Larry L. Jacoby*. New York: Psychology Press.
- Mueller, M. L., Dunlosky, J., Tauber, S. K., & Rhodes, M. (2014). The font size effect on judgments of learning: does it exemplify fluency effects or reflect people's beliefs about memory? *Journal of Memory and Language*, 70, 1-12.

Price, J., Mueller, M.L., Wetmore, S., & Neuschatz, J. (2014). Eyewitness memory and metamemory in older adults. In M. P. Toglia, D. F. Ross, J. A. Pozzulo, & E. Pica (Eds.), *The elderly witness in court*. London: Taylor & Francis.

Mueller, M. L., Tauber, S. K., & Dunlosky, J. (2013). Contributions of beliefs and processing fluency to the effect of relatedness on judgments of learning. *Psychonomic Bulletin & Review*, 20, 378-384.

Manuscripts under Review/Revision

Mueller, M. L., Dunlosky, J., & Tauber, S. K. (under revision). The effect of identical items on people's metamemory judgments: What is the Contribution of Processing Fluency?

Mueller, M. L., & Dunlosky, J. (under review). Fluency in the eye-of-the-beholder: Fluency effects without differential processing fluency.

Manuscripts in Preparation

Dunlosky, J., Thiede, K., Mueller, M. L. (in prep). Metamemory Methods: Big Questions and How to Answer Them.

Foster, N., Mueller, M.L., & Dunlosky, J. (in prep). Does interleaving of mathematics problems impact category learning judgments?

Current Projects

The impact of honoring and dishonoring restudy decisions on subsequent relearning.

Does interleaving improve performance on math problems that are dissimilar?

Are people able to monitor math learning using category learning judgments?

Investigating the formation of beliefs and how those beliefs influence JOLs.

How beliefs about the production effect impact judgments of learning using mixed and pure list designs.

Academic Presentations

Mueller, M.L., Foster, N., & Dunlosky, J. (2014). *Does Interleaving Practice of Mathematics Problems Impact Category Learning Judgments?* Poster presented at the annual meeting of the Psychonomic Society (Long Beach, CA, November)

Mueller, M.L., Dunlosky, J., & Tauber, S.K. (2014). *Contributions of Processing Fluency and Beliefs to the Identical Effect on JOLs*. Paper presented at the annual Midwestern Psychological Association meeting (Chicago, IL, May)

- Mueller, M. L., Dunlosky, J., & Tauber, S. K. (2013). *Does Processing Fluency at Study Diminish the Effects of Knowledge Updating on People's Judgments of Learning?* Poster presented at the annual meeting of the Psychonomic Society (Toronto, ON, November).
- Mueller, M.L., Dunlosky, J., Tauber, S.K., & Rhodes, M.G. (2013). *What mediates the effect of font size on judgments of learning?* Paper presented at the annual Midwestern Psychological Association meeting (Chicago, IL, May)
- Mueller, M. L., Wright, B., Berry, J. J., & Price, J. (2012). *Examining the impact of warnings on younger and older adults' retrieval-induced forgetting.* Poster presented at the Cognitive Aging Conference (Atlanta, GA, April).
- Wright, B., Lindsey, S., Sledge, T., Mueller, M. L., Atkins, D, Barr, E., Meacham, S., & Price, J. (2012). *The role of points and presentation format in younger and older adults' self-regulated learning.* Paper presented at the Cognitive Aging Conference (Atlanta, GA, April).
- Wright, B., Sledge, T., Lindsey, S., Atkins, D., Barr, E., Meacham, S., Mueller, M.L., & Price, J. (2012). *The role of points and presentation format in older adults' self-regulated learning.* Poster presented at the UAB Geriatric Education Center's Interprofessional Geriatric Education Conference (Birmingham, AL, January).
- Mueller, M. L., Meacham, S., Mann, E., Youngblood, C., Berry, J. J., Bond, K., & Price, J. (2011). *Do points and presentation format affect learning of Chinese characters?* Poster presented at the Southeastern Psychological Association Conference (Jacksonville, FL, March).
- Mueller, M. L., Wright, B., Berry, J. J., Jones, L., & Price, J. (2011). *The role of warnings in older adults' retrieval-induced forgetting.* Paper presented at the Southeastern Psychological Association Conference (Jacksonville, FL, March).
- Wright, J., Hill, H., Berck, L., Wright, A., Mueller, M. L., Clement, L., & Price, J. (2011). *How warnings and integration instructions affect retrieval-induced forgetting.* Poster presented at the Southeastern Psychological Association Conference (Jacksonville, FL, March).
- Mueller, M. L., Wright, B., Berry, J. J., & Price, J. (2011). *Examining the effects of warnings on younger and older adults' retrieval-induced forgetting.* Poster presented at the UAB Geriatric Education Center's Interprofessional Geriatric Education Conference (Birmingham, AL, January).
- Price, J., Murray, R., Hertzog, C., & Mueller, M. L. (2011). *Self-regulated foreign language learning: How do younger, middle-aged, and older adults approach learning Chinese characters?* Poster presented at the UAB Geriatric Education Center's Interprofessional Geriatric Education Conference (Birmingham, AL, January).
- Jones, L. W., Mueller, M. L., Cavins, M. S., & Price, J. (2010). *Examining the effects of differently timed warnings on retrieval-induced forgetting.* Poster presented at the annual meeting of the Psychonomic Society (St. Louis, MO, November).

Price, J., Murray, R., Hertzog, C., Shareck, J., Knight, M., Mueller, M. L., Olszewski, A., Dean, E., Jones, L., & Strait, T. (2010). *Aging and self-regulated learning of Chinese characters*. Poster presented at the Cognitive Aging Conference (Atlanta, GA, April).

Jones, L. W., Knight, M., Cavins, M., Shareck, J., Mueller, M. L., Burns, L., & Price, J. (2010). *Does increasing metacognitive awareness alleviate retrieval-induced forgetting effects?* Poster presented at the Southeastern Psychological Association Conference (Chattanooga, TN, March)

Ad-hoc reviewer

Psychonomic Bulletin & Review

Awards

Kent State University:

Applied Psychology Center Student Paper Award 2013-2014

Professional Memberships & Honor Societies

Student Member, Psychonomic Society

Member, Psi Chi Honor Society

Graduate Student Member, Midwestern Psychological Association

Member, International Association for Metacognition