

Jeremy K. Miller

Curriculum Vitae

Contact Information:

Psychology Department
Willamette University
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Professional History

- 2012 (spring)-present: Associate Professor and Chair, Psychology Department, Willamette University
- 2011 (fall): Associate Professor, Psychology Department, Willamette University
- 2005-2011 (spring): Assistant Professor, Psychology Department, Willamette University

Education

- PhD in Cognitive Psychology, State University of New York at Binghamton, May, 2005

Dissertation title: Metacognitive strategy and the word frequency mirror effect in recognition memory
- Masters of Science in Psychology, State University of New York at Binghamton, May, 2003.

Thesis title: Are first impressions lasting impressions? Exploring the primacy effect in memory for repetitions.
- Bachelor of Arts in Psychology, Millersville State University, June 1999.

Professional Affiliations

- Psychonomic Society-Associate
- American Psychological Society-Member
- International Association for Metacognition- Member
- Oregon Academy of Science-Member
- Society for Cognitive Science-Member
- Western Psychological Association-Member

Teaching Experience

- *Courses taught as primary instructor:* Introductory Psychology (2005-2012), Cognitive Processes, (2002, 2005-2012), Cognition Laboratory (2003), Psychology of Human Memory, (2005-2012), Research Methods and Analysis, (2005-2012), Research Methods and Analysis Lab, (2005-2010), Cognition, Evolution and Society (2008-2010), Discovering Psychology through Science Fiction (2009, 2010).
- *Courses taught as a teaching assistant:* Introductory Statistics, (2004), Statistics and Design I (graduate level) (2004), Introduction to Psychology (2002-2004).

Ad-Hoc Reviewer for:

- Journal of Memory and Language
- Journal of Cognitive Psychology
- Memory & Cognition
- European Journal of Cognitive Psychology
- Behavior Research Methods
- Physiology & Behavior
- Memory
- Journal Of Experimental Psychology: Learning, Memory, and Cognition
- Prentice Hall
- Worth Publishing

Publications-Peer Reviewed Journal Articles

- Piper, B.J., Yasen A.L.*#, Taylor, A.E.#, Ruiz, J.R., Gaynor, J.W., Dayger, C.A., Gonzalez-Gross, M., Kwon, O.D., Nillson, L.G., Day, I.N.M., Raber, J. & **Miller, J.K.** (2012). Nonreplication of an Association of Apolipoprotein ϵ 2 With Sinistrality. *Laterality: Asymmetries of Body, Brain, and Cognition*.

- Lloyd, M.E. & **Miller, J.K.** (2011). Are two heuristics better than one? The fluency and distinctiveness heuristics in recognition memory. *Memory & Cognition*, 39, 1264-1274.
- Yasen, A.L.*#, Piper, B.J. #, & **Miller, J.K.** (2011). Examination of Sexually Dimorphic Behavior on Novel-Image Novel-Location Recognition Memory Test. *Journal of Behavioral and Brain Science*, 1, 134-139.
- **Miller, J.K.** (2010). Learning about frequency on the fly: Recent experience changes strategies regarding linguistic frequency in recognition memory. *Journal of General Psychology*, 137, 151-174.
- **Miller, J.K.**, Westerman, D.L., & Lloyd, M.E. (2008). When modality matters: Perceptual versus Conceptual Fluency-Based Illusions in Recognition Memory. *Journal of Memory and Language*, 58, 1080-1094.
- Lloyd, M.E., Westerman, D.L., & **Miller, J.K.** (2007). Familiarity from Orthographic information: Extensions of the recognition without identification effect. *Memory & Cognition*, 35, 107-112.
- **Miller, J.K.**, Westerman, D.L., & Lloyd, M.E. (2005). Are first impressions lasting impressions? An exploration of the generality of the primacy effect in memory for repetitions. *Memory & Cognition*, 32, 1305-1315.
- Lloyd, M.E., Westerman, D.L., & **Miller, J.K.** (2003). The fluency heuristic in recognition memory: The effect of repetition. *Journal of Memory and Language*, 48, 603-614.
- Westerman, D.L., **Miller, J.K.**, & Lloyd, M.E. (2003). Change in perceptual form attenuates the use of the fluency heuristic in recognition. *Memory & Cognition*, 31, 619-629.
- Westerman, D.L., Lloyd, M.E., & **Miller, J.K.**, (2002). Attribution of perceptual fluency in recognition memory. *Journal of Memory and Language*, 47, 607-617.

* indicates undergraduate student co-author.

indicates that designated authors contributed equally

Publications (continued) -Invited Book Chapters and Other Scholarly Work

- Lloyd, M.E., & **Miller, J.K.** (In press). The development of implicit memory. Chapter to appear in Bauer, P. & Fivush, R. (Eds) *The Handbook on the Development of Children's Memory*. Wiley-Blackwell.
- **Miller, J.K.**, & Lloyd, M.E. (2011). More questions than answers: The development of the fluency heuristic during childhood. Chapter in Higham, P. and LeBoe, J.A. (Eds), *Constructions of Remembering and Metacognition: Essays in Honor of Bruce Whittlesea*, pp. 28-39. Palgrave Macmillan.
- **Miller, J.K.** (2007). Episodic memory. Encyclopedia of Educational Psychology. Edited by Neil M. Salkind.

Manuscripts in Preparation

- Piper, B. J., Olsen, R.H., Warren, V.E.,* Gandsey, H.* , Matisoff, S.N.* , Nolan, D.M.* , Dixon, K.L.* , Fox, C.J.* , Mueller, S.T., & **Miller, J.K.** (Submitted). Evaluation of Neurobehavioral Performance on the Psychology Experimental Building Language Test Battery in a Normative Sample. *Psychological Assessment*.
- Yasen, A.L.* , Raber, J., **Miller, J.K.**, & Piper, B. P. (Submitted). Sex, but not Apolipoprotein E Genotype, Contributes to Spatial Performance in Young-Adults. *Neuroscience Letters*.

* indicates undergraduate student co-author.

Professional Presentations and Talks

- Waller, H.R.* , Wolfe, S.E.* , Davis, A.E.* , Linn, A., Gonzalez, J., Miller, J.K., & Piper, B.J. (February, 2012). Development of a novel faces and places (NFAP) recognition memory test. Talk presented at the 71st annual meeting of the Oregon Academy of Sciences, Portland, OR.
- Lloyd, M.E., Hartman, A. & Miller, J.K. (November, 2011). The Fluency Heuristic in Recognition Memory: Bound versus Unitized Word Pairs. Poster presented at the 52nd annual meeting of the Psychonomic Society, Seattle, WA.

- Miller, J.K. (October, 2011). Of Mice and Men (and Women): Sexually Dimorphic Performance on Two Translational Memory Measures. Invited talk presented at the Seton Hall University “Brown Bag” lecture series. Seton Hall University, South Orange, NJ.
- Piper, B.J., Edwards, K., Curtis, A., Yasen, A.*, Linn, A., Myers, E., Miller, J.K., Cooper, P., Haley, G., Persichetti, A., & Raber J. (April, 2011). Novel-image novel-location: development of a computerized and non-computerized spatial and non-spatial memory test. Poster presented at the 2011 meeting of the The Society for Neuroscience Oregon Chapter Meeting, McMinnville, OR.
- Gandsey*, H., Nolan*, D., Matisoff*, S., Olsen, R.H.J., Warren*, V., Piper, B.J., & Miller, J.K. (February, 2011). Using the Psychology Experiment Building Language (PEBL) to Explore Executive Function in Young Adults. Talk presented at the 70th annual meeting of the Oregon Academy of Sciences, Portland, OR.
- Yasen, A.L.*, Herson, M.*, Piper, B., & Miller, J.K. (November, 2010). The Effects of Sex and Retention Interval on Performance in Two Novel Memory Tasks. Poster presented at the 51st annual meeting of the Psychonomic Society, St Louis, MO.
- Edwards, K., Curtis, A., Yasen, A.L.*, Piper, B.J., Linn, A., Chu, A., Meyers, E.C., Miller, J.K., Cooper, P., Haley, G., A.S., Persichetti, & Raber, J. (November, 2010). Novel-Image Novel-Location (NINL): Development of a Computerized and Non-Computerized Spatial and Non-Spatial Memory Test. Poster presented at the 2010 Oregon Innovation Showcase, Portland OR.
- Miller, J.K. (2009). Is Survival processing advantageous for recognition memory? Poster presented at the 50th annual meeting of the Psychonomic Society, Boston, MA.
- Miller, J.K., Myers, J.A.*, Montgomery, K.E.*, and Foster, T.* (April, 2009). Exploring the Survival Processing Advantage in Recognition Memory. Poster presented at the 89th annual meeting of the Western Psychological Society, Portland, OR.
- Miller, J.K., Lloyd, M.E., and Knowles, E.* (November, 2008). Concurrent Heuristic Use in Recognition Memory: The Impact of Confidence Judgments. Poster presented at the 48th annual meeting of the Psychonomic Society, Chicago, IL.
- Miller, J.K. (April, 2008). Cognitive Illusions. Talk presented at Willamette University Faculty Colloquium, Salem OR.

- Nguyen, T.T.*, and Miller, J.K. (February, 2008). The Mnemonic consequences of multiple choice and true false testing: Do the benefits outweigh the costs? Talk presented at the Oregon Academy of Sciences, Portland OR.
- Miller, J.K., and Lloyd, M.E. (November, 2007). Response Reversals in Illusions of Recognition Memory. Poster presented at the 47th annual meeting of the Psychonomic Society, Long Beach, CA.
- Miller, J.K. (November, 2006). Recent experience changes strategies regarding linguistic frequency in recognition memory. Poster presented at the 46th annual meeting of the Psychonomic Society, Houston, TX.
- Westerman, D.L., Miller, J.K., and Lloyd, M.E. (November, 2005). When modality matters: Perceptual versus Conceptual Fluency-Based Illusions in Recognition Memory. Poster presented at the 45th annual meeting of the Psychonomic Society, Toronto, Canada.
- Miller, J.K., Westerman, D.L., and Lloyd, M.E. (November, 2004) Exploring the primacy effect in memory for repetitions. Poster presented at the 44th annual meeting of the Psychonomic Society, Minneapolis, MN.
- Morrissey, J. & Miller, J.K. (March, 2003). The effect of face inversion on the other race effect. Poster presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD.
- Lloyd, M. E., Miller, J. K., & Westerman, D.L. (November, 2002). The fluency heuristic in recognition memory: The effect of repetition. Poster presented at the 43rd annual meeting of the Psychonomic Society, Kansas City, MO.
- Lloyd, M. E., Miller, J. K., & Westerman, D.L. (March, 2002). Creating an expectation of fluency. Talk presented at the Eastern Psychological Convention, Boston, MA.
- Miller, J.K., Lloyd, M.E., & Westerman, D.L. (March, 2002). The primacy effect in memory for repetitions. Talk presented at the Eastern Psychological Association Convention, Boston, MA.
- Westerman, D. L., Lloyd, M.K., & Miller, J. K, (November, 2001). The attribution of perceptual fluency in recognition memory. Poster presented at the 42nd meeting of the Psychonomic Society, Orlando, FL.

- Miller, J. K., Lloyd, M. E., & Westerman, D. L. (April, 2001). Testing the activation account of the revelation effect. Poster presented at the Eastern Psychological Association Convention, Washington, D.C.

* indicates undergraduate student co-author.

Grants and Awards

- 2012 Atkinson Faculty Development Grant (\$2,500.00)
- 2011 (Fall) Willamette University Sabbatical
- 2011 Willamette University "Order of Omega" Professor of the Year
- 2010 iHuman Science Initiative research development grant (\$3,000.00).
- 2007 Willamette University Junior Research Leave (3 course teaching release)
- 2007 (co-recipient) Hewlett Grant (\$3,000.00)
- 2006 Atkinson faculty development grant (\$1,250.00)

University Service

- Keck fellow (2011)
- Teagle module (2011)
- Howard Hughes Medical Institute working group member (2007)
- Faculty Colloquium Co-coordinator (2006-2008)
- Search committee member (2006-developmental psychologist search, 2008-cognitive neuropsychologist search, 2009 social psychologist search)
- Member: Institutional Review Board (2010-2011)
- Faculty Advisor:
 - Present: Psychology Club, Psi Chi, Alpha Lambda Delta, WU Gaming Club, WU Dr Who Fan Club (the Whovians)
 - Past: Angles (WU's LGBT group)

- TIU/TIUA Relations committee (2008-2009)
 - WU/TIUA 25th anniversary celebration video contest subcommittee