

## **Curriculum Vita**

### **Deanne L. Westerman**

Department of Psychology  
State University of New York at Binghamton  
Binghamton, NY 13902-6000  
Phone (office): (607) 777-4171  
Phone (home): 607-743-9980  
email: wester@binghamton.edu

### **Positions Held**

Professor, Department of Psychology, State University of New York at Binghamton Sept 2016-present

Associate Professor, Department of Psychology, State University of New York at Binghamton, 2004 - present

Assistant Professor, Department of Psychology, State University of New York at Binghamton, 1998 – 2004

Graduate Research Fellow, Department of Psychology, Case Western Reserve University, 1994 – 1998. Advisor: Robert L. Greene, Ph.D.

Graduate Research Associate, U.S. Air Force / Armstrong Laboratory, Brooks Air Force Base, San Antonio, TX, 1997. Sponsor: Patrick C. Kyllonen, Ph.D.

### **Education**

Doctor of Philosophy in Experimental Psychology, Case Western Reserve University, Cleveland, OH, 1998

Master of Arts in Experimental Psychology, Case Western Reserve University, Cleveland, OH, 1996

Bachelor of Science in Psychology, John Carroll University, University Heights, OH, 1992

### **Primary Research Topics**

Recognition memory processes  
Attributional processes in memory  
Illusions of Familiarity  
Decision making processes in memory

## Courses Taught

Statistical Design and Analysis, undergraduate course  
Cognition, undergraduate course  
Memory, graduate and undergraduate  
Retrieval Processes in Human Memory, graduate course  
Advanced topics in human memory, graduate course  
Decision-making processes in memory, graduate course  
Emotion and Memory, undergraduate course  
The Science of False Memory, graduate course  
Research Ethics, graduate course

## Grants, Awards, and Honors

Principal investigator: National Institute of Mental Health, R03 Research Grant, (1R03MH66156-01). "The attribution of perceptual fluency in recognition." \$100,000 direct costs, April 2003-March 2005.

Principal investigator: National Institute of Mental Health, B-START Research Grant, (1R03MH51470-01). "The role of perceptual fluency in recognition." \$25,000 direct costs, Jan 2000-Jan 2001.

Predocctoral Fellowship: National Institute of Child Health and Human Development, 1994 - 1998.

Graduate Summer Research Award: United States Air Force Office of Scientific Research, Graduate Summer Research Award, 1997.

### *Teaching / Advising awards*

Chancellor's Award for Excellence in Teaching, SUNY Binghamton

Recognition award, Office of Services for Students with Disabilities, Binghamton University.

Recognition award for outstanding service as faculty advisor, Binghamton University Chapter of Psi Chi, National Honor Society in Psychology

Implementation Award, Institute for Student-Centered Learning, SUNY Binghamton

McNair Scholars mentor

## Professional Memberships

Psychonomic Society  
Association for Psychological Science  
Eastern Psychological Society

## University and departmental service and administrative activities

Co-director of Undergraduate Studies, 1999- 2001  
Faculty Advisor, *Psi Chi*, National Honor Society in Psychology 1999-2001  
Faculty mentor, McNair Scholars program  
Co-chair, Undergraduate Committee 1999- 2001  
Human Subjects Research Review Committee 2004-2007  
Psychology Department Executive Committee 1999-2000, 2005-present  
Resource Committee, Member, 2003-2005, Chair 2005- present  
Chair, Resource Committee, 2005-present  
University Environment Committee, 2003-2005  
Colloquium Committee 2002-2006

## Editorial Activities and Grant Reviews

### Associate Editor

*Memory & Cognition* (Jan 2009 –Jan 2014 )

### Editorial Board:

*Journal of Experimental Psychology: Learning Memory & Cognition* (2012-present

*Memory & Cognition*, 1998 - 2009

### Ad hoc reviewer:

*Acta Psychologica*

*American Journal of Psychology*

*Cognitive Psychology*

*Experimental Psychology*

*European Journal of Cognitive Psychology*

*Journal of Alzheimer's Disease*

*Journal of Applied Cognitive Psychology*

*Journal of Cognitive Psychology*

*Journal of Memory and Language*

*Journal of Experimental Psychology: General*

*Journal of Experimental Psychology: Learning, Memory & Cognition*

*Memory*

*Neuropsychology*  
*Psychology and Aging*  
*Psychological Bulletin*  
*Psychonomic Bulletin & Review*  
*Perception & Psychophysics*  
*Quarterly Journal of Experimental Psychology*

**Grant review panels:**

*Dept of Veterans Affairs, merit award panel*  
*National Science Foundation, Perception, Action & Cognition*

**Grant Reviews**

*Graduate Women in Science*  
*National Science Foundation*  
*The Marsden Fund*

**Dissertations supervised:**

Marianne Lloyd, Ph.D. 2005, Associate Professor, Seton Hall University.

Dissertation publication:

Lloyd, M. E. (2007). Metacognitive Influences in Recognition Memory: Pictorial Encoding Reduces Conjunction Errors. *Memory and Cognition*, 35, 1067-1073.

Jeremy Miller, Ph.D. 2005, Associate Professor, Willamette University, Salem, OR.

*Dissertation* publication:

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

Brian Kurilla, Ph.D. 2010, Assistant Professor, Wingate University, Wingate, NC.

Dissertation publication:

Kurilla, B.P. (2011). Enhanced processing fluency leads to biases in source memory. *Quarterly Journal of Experimental Psychology*, 64, 1609-1631.

Justin Olds, 2013, Postdoctoral fellow, University of Lusanne, Lusanne, Switzerland.

Dissertation publication:

Olds, J. M., \*Lanska, M., & Westerman, D. L. (2014). The role of perceived threat on the survival processing memory advantage, *Memory*, 22, 26- 35.

Meredith Lanska, Ph.D. Spring 2015, "Transfer Appropriate Fluency: Encoding and Retrieval Interactions in Fluency-Based Memory Illusions" (MS under review)

## Publications

### \*denotes student co-authors

Westerman, D. L., Lloyd, M. E., & Miller, J. K. (submitted). Parallel effects of revelation when remembering the past and forecasting the future.

\*Gregg, J. Upadhyay, S. S. N., Kuntzelman, K. & Sacchi, E. (submitted). Parallel Effects of Task Difficulty on Attributions about the Past and the Future

\*Alberti, D. & Westerman, D. L. (submitted). Wait for it...: The effect of a delay during encoding on memory for brand names.

\*Lanska, M. & Westerman, D. L. (submitted). Transfer appropriate fluency: Encoding and retrieval interactions in fluency-based memory illusions.

Westerman, \*Lanska, & \*Olds (2015), The Effect of Processing Fluency on Impressions of Familiarity and Liking. *Journal of Experimental Psychology, Learning, Memory & Cognition*. 41, 426-38. doi: 10.1037/a0038356

Westerman, D. L., Klin, C. M., & \*Lanska M. (2015). On the (elusive) role of oral-motor movements in fluency-based memory illusions. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 41, 1003-1013.

Westerman, D. L., Klin, C. M., & \*Lanska M. (2015) On the (elusive) role of oral-motor movements in fluency-based memory illusions. *Journal of Experimental Psychology: Learning, Memory & Cognition*.

Lloyd, M. E., Hartman, A, Ngo, C., Ruser, N., Westerman, D. L., & Miller, J. K., (2015). Not enough familiarity for fluency: Definitional encoding increases familiarity but does not lead to fluency attribution in associative recognition. *Memory & Cognition*.XXXX

\*Lanska, M., \*Olds, J. M., & Westerman, D. L. (2014). Fluency effects in recognition memory: Are perceptual fluency and conceptual fluency interchangeable? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 40, 1-11.

\*Olds, J. M., \*Lanska, M., & Westerman, D. L. (2014). The role of perceived threat on the survival processing memory advantage, *Memory*, 22, 26-35.

\*Olds, J. M., & Westerman, Deanne L. (2012). Can fluency be interpreted as novelty? Retraining the interpretation of fluency in recognition memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, Vol 38(3),653-664.

\*Kurilla & Westerman (2011). The role of inference and heuristics in subjective reports of recollection. In P.A. Higham and J. LeBoe (Eds). *Constructions of Remembering and Metacognition*, Basingstoke, UK: Palgrave Macmillan pp. 79-90.

- \*Kurilla, B. P. & Westerman, D. L., (2010). Source memory for unidentified test stimuli. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 36, 398-410.
- Thapar, A., & Westerman, D. L. (2009). Aging and fluency based illusions of recognition memory. *Psychology and Aging*, 24, 595-603.
- Westerman, D. L. (2008). Relativity and Fluency-Based Illusions of Recognition Memory. *Psychonomic Bulletin & Review*, 15(6), 1196-1200.
- \*Miller, J. K., \*Lloyd, M. E., Westerman, D. L. (2008). When does modality matter? Perceptual versus conceptual fluency-based illusions in memory. *Journal of Memory and Language*. 58, 1080-1094.
- \*Kurilla, B. P. & Westerman, D. L. (2008). Processing fluency affects subjective claims for recollection, *Memory & Cognition*, 36, 82-92.
- \*Lloyd, M. E., Westerman, D. L., & Miller, J. M. (2007). Familiarity from orthographic information: Extensions of the recognition without identification effect. *Memory & Cognition*, 35, 107-112.
- \*Miller, J. M., Westerman, D. L., & Lloyd, M. E. (2004). Are first impressions are lasting impressions? An exploration of the generality of the primacy effect in memory for repetitions. *Memory & Cognition*. 32, 1305-1315.
- Westerman, D. L., \*Miller, J. M., & \*Lloyd, M.E. (2003). The role of fluency in recognition: the importance of perceptual match. *Memory & Cognition*, 31, 619-629.
- \*Lloyd, M. E., Westerman, D. L., Miller, J. M. (2003). The fluency heuristic in recognition memory: the effect of repetition. *Journal of Memory and Language*, 48, 603-614.
- Westerman, D. L., & Payne, D. G., (2003) Research Methods in Memory, S. Davis, (Ed.) *Handbook of Research Methods in Experimental Psychology*. Oxford: Blackwell.
- Payne, D. G., & Westerman, D. L. (2003). Research Methods in Cognition. S. Davis (Ed.) *Handbook of Research Methods in Experimental Psychology*. Oxford: Blackwell
- Westerman, D.L., \*Lloyd, M., L., \*Miller, J. M. (2002). On the attribution of fluency in recognition memory: the role of expectation. *Journal of Memory and Language*. 47, 607-617.
- Westerman, D. L. (2001). The role of familiarity in item-recognition, associative- recognition, and plurality recognition on self-paced and speeded tests *Journal of Experimental Psychology: Learning, Memory and Cognition*, 27, 723-732.
- Westerman, D. L. (2000). Recollection-based recognition eliminates the revelation effect in memory. *Memory & Cognition*, 38, 167-175.

- Westerman, D. L., & Greene, R. L. (1999). The effects of familiarity on general knowledge estimation. *Memory, 7*, 197 – 208.
- Westerman, D. L., & Greene, R. L. (1998). The revelation that the revelation effect is not due to revelation. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 24*, 377- 386.
- Greene, R. L., Thapar, A., & Westerman, D. L. (1998). The effects of generation on memory for order. *Journal of Memory and Language, 38*, 255-264.
- Westerman, D. L., & Larsen, J. D. (1997). The verbal overshadowing effect: Evidence for a general shift in processing. *American Journal of Psychology, 10*, 417-428.
- Westerman, D. L., & Greene, R. L. (1997). The effects of visual masking on recognition memory: Similarities to the generation effect. *Journal of Memory and Language, 37*, 584-596.
- Westerman D. L., & Greene, R. L. (1996). On the generality of the revelation effect. *Journal of Experimental Psychology: Learning, Memory and Cognition, 22*, 1147 - 1153.

## **Presentations**

- Westerman, D.L., Lloyd, M. E., & Miller, J. M., (Nov, 2015). Parallel effects of revelation on remembering the past and forecasting the future. Poster presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.
- Lanska, M. & Westerman, D. L. (Nov, 2014). Transfer appropriate fluency: Encoding and retrieval interactions in fluency-based illusions of recognition. Poster presented at the Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Lanska, M. & Westerman, D. L. (Nov, 2013). A Comparison of Three Perceptual Fluency Manipulations. Poster presented at the Annual Meeting of the Psychonomic Society, Toronto, Ontario.
- Olds, J. M., & Westerman, D. L. (March, 2012). The effect of survival processing on memory interference. Presentation at the Annual Meeting of the Eastern Psychological Association , Pittsburgh, PA.
- Lanska, M. & Westerman, D.L., (March, 2011). The Effect of Perceptual and Conceptual Fluency in the same Recognition Context. Presentation at the Annual Meeting of the Eastern Psychological Association, Pittsburgh, PA.
- Lanska, M., Olds, J. M., Westerman, D. L., (Nov, 2011). Flexible fluency: Conceptual and perceptual fluency can be used interchangeably. Poster presented at the Annual Meeting of the Psychonomics Society , Seattle, WA.

Lanska, M. L. & Westerman, D. L. (May 2011). The Impact of Multiple Types of Fluency on Recognition Memory. Poster presented at meeting of the Association for Psychological Science in Washington D.C.

Olds, J. & Westerman, D. L. (May, 2011). Remember when you had trouble remembering how happy we are? The effect of retrieval difficulty on judgments of relationship satisfaction. Poster presented at the meeting of the Association for Psychological Science, Washington, D. C.

Westerman, D. L. (November, 2010). Fluency-based illusions of recognition memory in younger and older adults. Invited Talk, Syracuse University.

Westerman, D. L. & Olds, J. (November 2009). On the Resilience of the Standard Interpretation of Processing Fluency. Presentation at Annual Meeting of Psychonomic Society, Boston MA.

Thapar, A., & Westerman, D. L. (November, 2008). Aging and fluency based effects in recognition memory. Poster at Annual Meeting of Psychonomic Society, Chicago, IL.

Kurilla, B.K. & Westerman, D. L. (November, 2008). Source memory for unidentified recognition probes. Poster at Annual Meeting of Psychonomic Society, Chicago, IL.

Kurilla, B.K. & Westerman, D. L. (November, 2007). Processing fluency affects subjective claims for recollection, *Memory & Cognition*. Presentation at Annual Meeting of Psychonomic Society, Long Beach, CA.

Westerman, D.L., Miller, J. K., & Lloyd, M. E. (November 2006). When does modality matter: Perceptual versus conceptual fluency effects in recognition memory. Poster presented at the 46<sup>nd</sup> annual meeting of the Psychonomic Society, Toronto, ON.

Westerman, D. L. (May, 2005). The attribution of perceptual fluency in recognition memory. Invited talk presented at Midwestern Psychological Association Convention, Chicago, IL.

Miller, J.K., Lloyd, M.E., Westerman, D.L. (Nov., 2004). Are first impressions lasting impressions? An exploration of the generality of the primacy effect in memory for repetitions. Poster presented at the 45<sup>th</sup> annual meeting of the Psychonomic Society, Minneapolis, MN.

Lloyd, M. E., Miller, J. K. & Westerman (Nov. 2002). Title Poster presented at the 43<sup>rd</sup> annual meeting of the Psychonomic Society, Kansas City, MO.

Lloyd, M. E., & Miller, J. K., & Westerman (March, 2002). Creating an expectation of fluency. Paper presented at the Eastern Psychological Convention, Baltimore, MD.

Miller, M. E., Lloyd, J. K., & Westerman (March, 2002). The primacy effect in memory for



repetitions. Paper presented at the Eastern Psychological Association Convention, Baltimore, MD.

- Westerman, D. L., Lloyd, M.K., & Miller, J. K., (Nov. 2001). The attribution of perceptual fluency in recognition memory. Poster presented at the 42<sup>nd</sup> meeting of the Psychonomic Society, Orlando, FL.
- Miller, J. K., Lloyd, M. E., & Westerman, D. L. (April 2001) Poster presented at the Eastern Psychological Association Convention, Washington, D.C.
- Westerman, D. L. (Nov 2000) The role of familiarity in item, associative, and plurality recognition. Poster presented at 41<sup>st</sup> meeting of the Psychonomic Society, New Orleans, LA.
- Westerman, D.L. (July, 1999). Illusions of recognition memory: a comparison of familiarity-based and recollection-based recognition. State University of New York at Albany and Williams College, Summer Workshop in Cognitive Psychology.
- Westerman, D.L. (June, 1999). Familiarity and Recollection in Recognition Memory. Invited paper presented at NSF-REU Workshop. Skidmore College.
- Westerman, D. L. (April, 1999). Recollection-based recognition and the revelation effect in memory. Invited Paper presented at the Eastern Psychological Association Convention, Providence, RI.
- Westerman, D. L. (Dec. 1998). The revelation effect in memory. Invited Colloquium at the University of Iowa.
- Westerman, D. L. (May, 1997). Perceptual interference with unfamiliar stimuli: A test of the compensatory processing hypothesis. Paper presented at the Midwestern Psychological Association Convention, Chicago, IL.
- Westerman, D. L. (May, 1997) The revelation effect: Familiarity resulting from an interpolated task. Poster presented at the Midwestern Psychological Association Convention, Chicago, IL.
- Westerman, D. L., & Greene, R. L. (Nov., 1997). Recognition bias resulting from an interpolated task. Poster presented at the 38th meeting of the Psychonomic Society, Philadelphia, PA.
- Westerman, D. L., & Greene, R. L. (May, 1996). On the generality of the revelation effect on memory. Paper presented at the Midwestern Psychological Association Convention, Chicago, IL.