

Moses M. Langley

Curriculum Vitae

Department of Psychology
023 Armstrong Hall
Minnesota State University
Mankato, MN 56001
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HIGHER EDUCATION

Ph.D. – Cognitive Psychology (2010), Iowa State University of Science & Technology

Dissertation: *An event-related potential investigation of the neural representations that support familiarity-based picture recognition*

M.S. – Cognitive Psychology (2006), Iowa State University of Science & Technology

Thesis: *d' is not appropriate for contrasting yes-no and forced-choice recognition*

B.S. – Geology & Psychology (2004)

PROFESSIONAL EXPERIENCE

ACADEMIC POSITIONS

- 2012-Present** *Core Faculty Member, Interdisciplinary Cognitive Science Program, Minnesota State University, Mankato*
- 2012-Present** *Assistant Professor of Biological & Cognitive Psychology, Department of Psychology, Minnesota State University, Mankato*
- 2010-2012** *Assistant Professor of Experimental Psychology, Department of Psychology, University of Wisconsin-Parkside*
- 2009-2010** *Lecturer, Department of Psychology, University of Wisconsin-Parkside*

PROFESSIONAL DEVELOPMENT & CONTINUING EDUCATION ACTIVITIES

- 2012-2013** *Minnesota State University, Mankato (MNSU) Leadership Institute*
- 2012-2013** *MNSU CETL's Teaching the 21st Century Learner Certificate*
- 2012-2013** *MNSU Faculty Teaching Certificate Program*

DEPARTMENT D, COLLEGE C, AND UNIVERSITY U SERVICE

- Chair**, MNSU CSBS Technology & Equipment Committee (2012-Present) _C
- Member**, MNSU Fixed-Term Lecturer Search and Screen Committee (2013) _D
- Member**, MNSU CSBS Director of Technology Search Committee (2012-2013) _C
- Member**, MNSU Department of Psychology Web Committee (2012-Present) _D
- Member**, MNSU Assistant Clinical Professor Search and Screen Committee (2012-2013) _D
- Member**, MNSU Graduate Faculty, (2012-Present) _U

Chair, University of Wisconsin-Parkside (UW-P) Institutional Review Board (2011-2012) _U
Member, UW-P Committee on Advising (2011-2012) _U
Member, UW-P McNair Fellowship Committee (2011-2012) _U
Member, UW-P Assistant Clinical Professor Search and Screen Committee (2011/2012) _D
Member, UW-P Chancellor's Advisory Committee on LGBTQ Issues (2010-2012) _U
Member, UW-P Geosciences Lecturer Search and Screen Committee (2010) _C

PEER-REVIEWING

Past ad-hoc reviewing for:

Journal of Cognitive Neuroscience • Memory • American Journal of Psychology
Psychonomic Bulletin & Review • Quarterly Journal of Experimental Psychology •
Journal of Cognitive Psychology

HONORS AND AWARDS

University of Wisconsin Libraries Research Fellow 2010-2011, 2011-2012
University of Wisconsin-Parkside Research Expenditure (\$1,440), 2009-2010
University of Wisconsin-Parkside Winterim Research Stipend (\$3,000), 2009
George Washington Carver Doctoral Fellowship recipient, 2005-2008

RESEARCH

PEER-REVIEWED PUBLICATIONS

West, R., **Langley**, M. M., & Bailey, K. M. (2011). Signaling a switch: Neural correlates of tasking switching guided by task cues and transition cues. *Psychophysiology*, *48*, 612-623.

Chan, J. C. K., & **Langley**, M. M. (2011). Paradoxical effects of testing: Retrieval enhances both accurate recall and suggestibility in eyewitnesses. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *37*, 248-255.

West, R., Bailey, K.M., & **Langley**, M. M. (2009). An investigation of the neural correlates of attention and response switching using ERPs. *Cognitive, Affective, and Behavioral Neuroscience*, *9*, 190-201.

Langley, M. M., Cleary, A. M, Kostic, B. N., & Woods, J. (2008). Picture recognition without identification: A method for assessing the role of perceptual information in familiarity-based picture recognition. *Acta Psychologica*, *127*, 103-113.

Langley, M. M., Cleary, A. M., & Kostic, B. N. (2007). On the use of wireless response systems in experimental psychology: Implications for the behavioral researcher. *Behavior Research Methods, Instruments, & Computers, 39*, 816-823.

Cleary, A. M. & **Langley, M. M. (2007).** Retention of the structure underlying sentences. *Language and Cognitive Processes, 22*, 614-628.

Cleary, A. M., Morris, A. L., & **Langley, M. M. (2007).** Recognition memory for novel stimuli: The structural regularity hypothesis. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 33*, 379-393.

Cleary, A. M., **Langley, M. M., & Seiler, K. R. (2004).** Recognition without picture identification: Geons as components of the pictorial memory trace. *Psychonomic Bulletin & Review, 11*, 903-908.

PRESENTATIONS [* DENOTES STUDENT CO-AUTHOR]

*Hensersky, T., *Edlin, T., & **Langley, M. M. (2013, submitted).** Can perceptually demanding encoding tasks help dissociate recollection-based and familiarity-based recognition memory? Poster submitted to be the Object Perception, Attention, and Memory (OPAM) conference, Toronto, ON.

*Edlin, T., *Hensersky, T., & **Langley, M. M. (2013, submitted).** Effects of perceptual and conceptual encoding and retrieval orientations on recognition memory for identified and unidentified pictures. Poster submitted to be the Object Perception, Attention, and Memory (OPAM) conference, Toronto, ON.

Langley, M. M. (2013, accepted). On the contribution of object identification to object recognition: Recollection may require identification, but familiarity does not. Poster to be presented at meeting of the Psychonomic Society, Toronto, ON.

Langley, M. M. (2013, May). An ERP investigation of the representations supporting familiarity-based picture recognition. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Beyer, S., & **Langley, M. M. (2013, April).** Assessment of Psychology students' proficiency in accessing the scholarly literature. Poster presented at Symposium for the Higher Learning Commission, Kenosha, WI.

Langley, M. M. (2012, March). What makes something feel familiar?: An electrophysiological investigation and the search for "evidence." Minnesota State University—Mankato, Mankato, MN.

Langley, M. M. (2012, March). What makes something feel familiar?: On the perceptual origins of familiarity-based recognition. Weber State University—Ogden, UT.

Langley, M. M. (2012, February). What makes something feel familiar?: The search for “evidence.” California State University—Northridge, Los Angeles, CA.

Langley, M. M. (2009, February). Recognizing what you can’t identify: A familiarity-based phenomenon. Oregon State University, Corvallis, OR.

Langley, M. M. (2008, December). Recognition memory for unidentifiable stimuli: On the role of perceptual and conceptual processing. University of Wisconsin—Parkside, Kenosha, WI.

West, R., Bailey, K. M., & **Langley, M. M.** (2008, November). Prefrontal cortex and task switching: Cues, stimuli, & types of switches. Poster presented at the meeting of the Psychonomic Society, Chicago, IL.

Chan, J., **Langley, M. M.**, Paulsen, K., Anderson, S., & Davis, B. (2008, November). Can a 1-week delay reverse the reversed testing effect on eyewitness misinformation suggestibility? Poster presented at the meeting of the Psychonomic Society, Chicago, IL.

Tan, W., **Langley, M. M.**, & Dark, V. J. (2007, November). Investigating the RWI effect with an AB paradigm. Poster presented at the Object Perception, Attention, and Memory (OPAM) conference, Long Beach, CA.

Langley, M. M. (2007, November). On the use of signal detection models in contrasting yes-no and forced-choice discrimination. Poster presented at the meeting of the Psychonomic Society, Long Beach, CA.

Cleary, A. M., Morris, A. L., & **Langley, M. M.** (2007, July). Recognition memory for novel stimuli: The structural regularity hypothesis. Paper presented at the Joint Meeting of the Psychonomic Society and the UK Experimental Psychology Society. Edinburgh, Scotland.

Langley, M. M. (2007, February). What is the relationship between yes-no and forced-choice recognition? Talk given at the ISU GMAP Research Symposium, Ames, IA.

Langley, M. M. & Cleary, A. M. (2006, May). On the $\sqrt{2}$ assumption in comparing yes-no and 2AFC d' . Talk given at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Cleary, A. M., **Langley, M. M.**, & Mapel, G. (2006, May). Recognition without cued-recall on forced-choice Tests. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Langley, M. M. & Cleary, A. M. (2005, May). Is a perceptual match necessary to the recognition of unidentified pictures? (No.) Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Langley, M. M., Woods, J., & Cleary, A. M. (2004, May). Recognition without perceptual identification of masked pictures. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Cleary, A. M., Seiler, K. R., & **Langley, M. M.** (2003, November). Recognition without picture identification. Poster presented at the meeting of the Psychonomic Society, Vancouver, BC.

GRADUATE/UNDERGRADUATE RESEARCH EXPERIENCE & TRAINING

2006-2009

Graduate Research Assistant, **Memory & Education Laboratory** (ISU)
Director: C.K. Jason Chan, Ph. D. Topics: Testing Effects, Eyewitness Memory (2007-2009)

Graduate Research Assistant, **Temporal Dynamics of Attention & Memory Laboratory** (ISU)
Director: Robert West, Ph. D. Topics: Electrophysiology of Memory [Prospective, Working, & Episodic] studied using Event-Related Potentials (2006-2009)

Graduate Research Assistant, **Attention & Memory Laboratory** (ISU)
Director: Veronica J. Dark, Ph.D. Topics: Recognition without Identification & the Attentional Blink (2006-2007)

2000-2005

Steven J. Luck's 2nd Biannual Event-related Potentials Boot Camp, University of Iowa (July 18-23, 2005)

Graduate Research Assistant, **Human Memory Laboratory** (ISU)
Director: Anne M. Cleary, Ph. D. Topics: Picture Recognition, Structural Regularity in Recognition Memory, Discrepancy-attribution, Familiarity (2004-2006)

Graduate Research Assistant, **Memory Modeling Laboratory** (ISU)
Director: Kenneth J. Malmberg, Ph. D. Topics: Associative Recognition (2004-2005)

Undergraduate Research Assistant, **Paleoclimate Laboratory** (ISU)
Director: Donna Surge, Ph. D. Topic: Paleoclimatology (2003-2004)

Undergraduate Research Assistant, **Human Memory Laboratory** (ISU; 2002-2004)
Director: Anne M. Cleary, Ph. D. Topic: Recognition without Identification

Undergraduate Research Assistant, **Carbonate Sedimentology Lab** (ISU)
Director: Eugene Rankey, Ph. D. Topics: Sedimentology of modern carbonate tidal flats, remote sensing (2001-2002)

TEACHING & ADVISING

ADVISING:

Faculty advisor for student organizations:

2009-2012 - *Association for Cultural Awareness in Psychology*

2010-2012 - *Conscientious Foodie*

CLASSROOM INSTRUCTION:

RESEARCH METHODS & DESIGN – Psychology 211 (MNSU)

SENSATION & PERCEPTION – Psychology 5/413 (MNSU)

COGNITIVE PSYCHOLOGY – Psychology 416 (MNSU)

LEARNING & MEMORY – Psychology 301 (UW-P)

RESEARCH METHODS IN PSYCHOLOGY – Psychology 300 (UW-P)

SENSATION & PERCEPTION – Psychology 306 (UW-P)

COGNITIVE PSYCHOLOGY – Psychology 205 (UW-P)

COGNITION & MEMORY – Psychology 305 (UW-P)

DRUGS & BEHAVIOR/PSYCHOPHARM. – Psychology 315 (ISU)