Michael J. Stroud **Curriculum Vitae**

Department of Psychology
Sullivan Hall 10K
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Education

- Ph.D. in Cognitive Psychology, University of Massachusetts Amherst May 2010
  Dissertation: Why is it difficult to search for two colors at once? How eye movements can reveal the nature of representations during multi-target search.
- M.A. in Psychological Science, California State University Chico May 2003
  Thesis: The Effects of Metaphorical Graphics on Learning Concepts of Chemistry
- B.S. in Biopsychology, University of California Santa Barbara May 1999

Positions Held

- Assistant Professor, Merrimack College Fall 2010 - Current
- Adjunct Lecturer, University of Massachusetts Amherst Fall 2004 – Spring 2010
- Adjunct Lecturer, Smith College Fall 2006 – Spring 2008

Teaching Experience at Merrimack College

- PSY 1000H – Honors Introductory Psychology (FA11, FA12)
- PSY 3120 – Cognitive Psychology with lab (SU11, SU12), Hybrid format
- PSY 3120 – Cognitive Psychology with lab (SP11, SP12, S13)
- PSY 1000 – Introductory Psychology (F10, F11)
- PSY 1100W – Inquiry and Methodology (FA10, FA11, FA12); Writing intensive

Additional Teaching Experience

- PSY 350 – Child Development (Win11); Online
- PSY 240 – Statistics in Psychology (SP09), Online; (FA09), Hybrid format
- PSY 241 – Methods of Inquiry in Psychology (SU07); (SU09); Online
- PSY 100 – Introductory Psychology (FA08, Win09, SU10), Online
- PSY 192 – Introduction to Cognitive Psychology Research Methods (FA07, SP08)
- PSY 218 – Cognitive Psychology (FA06)
- PSY 111 – Introduction to Psychology (F06)
- PSY 392 – Seminar in Junior Writing: Topics in Cognitive Psychology (FA04,SP05, SP06, Win05, Win06, SP10)

Guest Classroom Lectures

- PSY 2000 – Introduction to Research Methods, Instructor Dennis Rodriguez, Ph.D., Indiana University, South Bend, (SP10)
- PSY 310 – Memory and Thinking, Instructor Carol Vazquez Ph.D., State University of New York, New Paltz, (SP09)
- PSY 315 – Cognitive Psychology, Instructor Carolyn Cave Ph.D., University of Massachusetts Amherst, (SP08)
- PSY 240 – Statistics in Psychology, Instructor Rebecca Johnson, Ph.D., University of Massachusetts Amherst, (SU06)
- PSY 315 – Cognitive Psychology, Instructor Charles Clifton, Ph.D., University of Massachusetts Amherst, (FA05)

- PSY 100 – Introductory Psychology, Instructor Susan Whitbourne, Ph.D., University of Massachusetts Amherst, (FA05)
- PSY 1A – Introductory Psychology, Instructor Brian Oppy Ph.D., California State University Chico, (FA02)
- PSY 112 – Learning and the Young Child, Instructor Neil Schwartz Ph.D., California State University Chico, (FA02)

Research Experience

- Founder and Co-director of Context, Attention, Memory, and Perception (CAMP) lab, Merrimack College, Fall 2010 - Present
- Graduate Research Assistant for Kyle R. Cave, Ph. D., University of Massachusetts Amherst, Visual Cognition and Attention Lab, Fall 2005 – Spring 2010.
- Graduate Research Assistant for James M. Royer, Ph.D., University of Massachusetts Amherst, LATAS (Laboratory for the Assessment and Training of Academic Skills), Summer 2007
- Graduate Research Assistant for Keith Rayner, Ph.D., University of Massachusetts Amherst, Fall 2003 – Fall 2004.
- Graduate Research Director, Learning, Cognition, and Instruction Research Group, California State University Chico, Fall 2001 – Spring 2003.
- Graduate Research Assistant for Andrea Pantoja, Ph.D., California State University Chico, Infant Development Lab, Fall 2000 – Fall 2001
- Graduate Research Assistant for Joyce Norman, Ph.D., California State University Chico, Psychophysiology Lab, Spring 2000.
- Undergraduate Research Assistant for Dr. Aaron Ettenberg, University of California Santa Barbara, Behavioral Pharmacology Lab, Fall 1998 – Spring 1999.

Publications

- Ricker, S*., **Stroud, M.J.,** & Shaw, R.J. (in preparation). Printed text or E-text: Which is better?
- Menneer, T., **Stroud, M.J.**, Cave, K.R., Li, X., Godwin, H., Liversedge, S., & Donnelly N. (2012) Search for Two Categories of Target Produces Fewer Fixations to Target-color Items, Journal of Experimental Psychology: Applied, 18(4), 404 – 418.
- **Stroud, M.J.,** Cave, K.R., Menneer, T., & Donnelly, N. (2012). Why is it difficult to search for two colors at once? How eye movements can reveal the nature of representations during multi-target search. *Journal of Experimental Psychology: Human Perception and Performance.* 38(1), 113 – 122.
- **Stroud, M. J.**, Menneer, T., Cave, K. R., Donnelly, N., & Rayner, K. (2011). Search for multiple targets: Misguided eye movements reveal a reduction of color selectivity, *Applied Cognitive Psychology.* 25(6), 971 – 982.
- **Stroud, M. J.**, & Schwartz, N.H. (2010). Summoning Prior Knowledge Through Metaphorical Graphics: An Example in Chemistry Instruction, *Journal of Educational Research.*103, 351 – 366.
- Williams, C. W., Pollatsek, A., Cave, K.R., & **Stroud, M. J.** (2009). More than just finding color: strategy in global visual search is shaped by learned target probabilities. *Journal or Experimental Psychology: Human Perception and Performance, 35(3),* 688 – 699.
- Rayner, K., Reichle, E., **Stroud, M. J.**, Williams, C. W., & Pollatsek, A. (2007). The effect of word frequency, word predictability, and font difficulty on the eye movements of young and elderly readers, *Psychology and Aging, 21(3),* 448 – 465.
- Schwartz, N. H., **Stroud, M.J.**, Lee, T.R., Scott, B.M. & McGee,S. (2006). Enhancing Hypermedia Learning though Metaphorical Priming. *Journal of Education Computing Research, 35(1),* 1 – 30.
- Menneer, T., **Stroud, M. J.,** Li, X., Godwin, H., Cave, K., Liversedge, S., & Donnelly, N. (under review). The effect of practice on top-down guidance in visual search for two types of complex target: Evidence from eye-movements. *Journal of Experimental Psychology: Applied*

Book Chapters

- Menneer, T., **Stroud, M.J.**, Cave, K.R., Donnelly, N., & Rayner, K. (2008). Eye movements in search for multiple targets. In: *Cognitive and Cultural Influences on Eye Movements.* K.Rayner, D. Shen, X. Bai, and G Yan (Eds), Tianjin People's Press/Psychology Press, 197 – 208.

Conference Proceedings (* Merrimack Undergraduate Co-author)

Refereed Papers

- **Stroud, M.J.,** Menneer, T., Kaplan, E., Cave, K., & Donnelly, N. (November, 2011). What does it take to guide search for a range of colors? *Paper presented at the annual meeting of the Psychonomic Society, Seattle Washington.*
- **Stroud, M. J.,** Cave, K. R., Menneer, T., & Donnelly, N. (2009, November). It's Hard to Represent Two Search Targets as a Single Range. *Paper presented at the Annual Meeting of the Psychonomic Society, Boston, Massachusetts.*
- Menneer, T., Li, X., **Stroud, M. J.,** Butler, C., Cave, K. R., & Donnelly, N. (2009, August). Search for multiple types of threat item: Eye-movements reveal a reduction in guidance. *Paper presented at the 15th European Conference on Eye Movements, Southampton, UK.*
- **Stroud, M. J.,** Cave, K. R., Menneer, T., & Donnelly, N. (2008, November). Representing Two Targets in Visual Search: An Eye-Movement Analysis. *Paper presented at the Annual Meeting of the Psychonomic Society, Chicago, Illinois.*
- Cave, K. R., **Stroud, M. J.,** Menneer, T., & Donnelly, N. (2008, September). Colour selectivity diminishes when searching for two dissimilar colours. *Paper presented at the 25th Anniversary Annual British Psychological Society Cognitive Section Conference, Southampton, UK.*
- Menneer, T., Li, X., **Stroud, M. J.,** Butler, C., Cave, K. R., & Donnelly, N. (2008, September). Visual search for two categorical targets: Eye-movements reveal a reduction in guidance. *Paper presented at The 25th Anniversary Annual British Psychological Society Cognitive Section Conference, Southampton, UK.*
- Cave, K.R., Donnelly, N., Menneer, T., & **Stroud, M. J.** (2008, July). Why is it hard to search for two things at once? *Paper presented at the second International Symposium on Visual Search and Selective Attention, Fribourg, Switzerland.*
- Cave, K.R., Menneer, T., **Stroud, M.J.**, Donnelly, N., & Rayner, K. (2006, June). The breakdown of color selectivity in multitarget search. *Paper presented at the Second China International Conference on Eye Movements. Tianjin Normal University, Tianjin, P.R.China.*
- Rayner, K., **Stroud, M. J.**, & Williams, C. W. (2005). The effect of word frequency, word predictability, and font difficulty on the eye movements of young and elderly readers. *Paper presented at the 13th European Conference on Eye Movements, Bern, Switzerland.*
- Schwartz, N.H., **Stroud, M. J.**, Hong, N., Lee, T.R., Scott, B.M. & McGee, S. (2005). Summoning Prior Knowledge: The Influence of Metaphorical Priming on Learning in a Hypermedia Environment. *Paper presented at the biannual meeting of the European Association for Learning and Instruction, Cyprus.*
- Schwartz, N. H., **Stroud, M. J.**, Hong, N., Lee, T.R., Scott, B.M. & McGee, S. (2005). Summoning Prior Knowledge: The Influence of Metaphorical Priming on Learning in a Hypermedia Environment. *Paper presented at the annual meeting of the American Educational Research Association, Montreal, Quebec, Canada.*
- Phelps, C., Schwartz, N. H., & **Stroud, M. J.**, (2004). The value of metaphorical graphics in the delayed retention of introductory chemistry concepts. *Paper presented to the American Chemical Society, Washington, D.C.*

- **Stroud, M. J.**, Schwartz, N.H., & Phelps, C. (2003). Metagraph: The Value of Metaphorical Graphics in Delayed Retention. *Paper presented to the biannual meeting of the European Association for Research in Learning and Instruction, Padova, Italy.*

Refereed Posters

- *Mercier, D., *Orlando, A., **Stroud, M.J.,** Shaw, R.J., & Hardway, C.L. (March, 2013). Generate a Test: Generating Test Questions Improves Long-Term Retention. *Poster to be presented at the Annual Meeting of the Eastern Psychological Association, New York, NY.*
- *Garguilo, E., **Stroud, M.J.,** & Shaw, R.J., (March, 2013). The relationship between casual video game playing and a subsequent attention task. *Poster to be presented at the Annual Meeting of the Eastern Psychological Association, New York, NY.*
- Hardway, C.L. & **Stroud, M.J.** (October, 2012). Study of student life: Using group and individual research to enhance students' professional development. *Poster presentation at the Northeastern Conference for Teachers of Psychology, Worcester, MA*.
- Botto, J.*, Shaw, R.J., & **Stroud, M.J.** (May, 2012). Revisiting Stroop: Do typeface and color/word manipulations rely on similar underlying processes? *Poster presented at the annual convention for the Association of Psychological Science, Chicago, Ill.*
- Cremone, A.*, Shaw, R.J., & **Stroud, M.J.** (May, 2012). Toward a new theory of release from proactive interference. *Poster presented at the annual convention for the Association of Psychological Science, Chicago, Ill.*
- Ricker, S.*, **Stroud, M.J.,** & Shaw, R.J., (May, 2012). Traditional paper text or electronic text: Which is better? *Poster presented at the annual convention for the Association of Psychological Science, Chicago, Ill.*
- **Stroud, M.J.,** Kaplan, E., Menneer, T., Cave, K., & Donnelly, N., (May, 2011). A color in working memory does not become a search target, but it does interfere with color search. *Poster presented at the annual meeting of the Vision Sciences Society, Naples Florida.*
- Menneer, **Stroud, M. J.,** Cave, & Donnelly, N. (2009, April). Target Representations Guiding Visual Search for Two Colors: Two Discrete Colors or a Single Range? *Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, Florida.*
- Menneer, T., Li, X., **Stroud, M. J.,** Butler, C., Cave, K., & Donnelly, N. (2008, May). The effect of practice on top-down guidance in visual search for two types of complex target: Evidence from eye-movements. *Poster presented at the 8th annual meeting of the Vision Sciences Society, Naples, Florida.*
- Williams, C., Pollatsek, A., Cave, K., & **Stroud, M. J.** (2008, May). More than Just Finding Color: Strategy in Global Visual Search is Shaped by Learned Target Probabilities. *Poster presented at the 8th annual meeting of the Vision Sciences Society, Naples, Florida.*
- Cave, K.R., Menneer, T., **Stroud, M.J.**, Donnelly, N., & Rayner, K. (2007, May). The breakdown of color selectivity in multitarget search: Evidence from eye movements. *Poster presented at the 7th annual meeting of the Vision Sciences Society, Sarasota, Florida.*
- **Stroud, M. J.** & Schwartz, N. H. (2003). The Chemistry of Metaphors: Teaching Chemistry through the use of Metaphorical Graphics. *Poster presented at the annual meeting of the American Education Research Association, Chicago, Illinois.*
- **Stroud, M.J.**, Pantoja, A. P.F., & Kito, M. (2002). Frame Analysis of Early Mother-Infant Communication. *Poster presented at the biennial conference of the International Society on Infant Studies, Toronto, Canada.*
- Ettenberg, A., McFarland, K., Rodriguez, J.S., & **Stroud, M.J.** (1999). Reinforcement-predictive discriminative cues elicit physiological indices of sympathetic nervous system activation that are not blocked by haloperidol. *Poster presented at the annual meeting of the Society for Neuroscience, Miami Beach, Florida.*
- McFarland, K., Ettenberg A., Chickering, T.J., & **Stroud, M.J.** (1999). Inactivation of the basolateral amygdala blocks the expression, but not the acquisition, of food-seeking behavior elicited by food-

predictive cues. *Poster presented at the annual meeting for the Society for Neuroscience, Miami Beach, Florida.*

Invited Talks

- **Stroud, M.J.** (2011, May) Unveiling the dynamics of Multi-target visual search. Talk presented to the Visual Attention Lab at Brigham and Women's Hospital/Harvard University, Boston MA.
- **Stroud, M.J.** (multiple dates) How and why we remember what we do. Talk presented at Accepted Students Day, Merrimack College, MA.

Student Supervision and Training

- PSY 4910, PSY 4915 – Senior Thesis Research
    - Jeffrey Botto (SP12)
    - Amanda Cremone (FA11, SP12)
    - Jessica Peacock (FA11, SP12)
    - Samantha Ricker (FA11, SP12)
- PSY 4810 – Directed Research
    - Tyler Szymanski (S13)
    - Christina Moreira (S13)
    - Erica Garguilo (F12, S13)
    - Alexandria Orlando (F12, S13)
    - Michael Beausoleil (SP12)
    - Dominique Mercier (FA11, S12, F12, S13)
    - John DiDio (FA10, SP11)
    - Samantha Ricker (FA10, SP11)
- University of Massachusetts Student Research Supervision
    - Erica Kreindel – Honors Thesis (FA08, SP09)
    - Irina Kochergina (FA06, SP07)
    - Alla Pekareva (FA06, SP07)

Institutional Service

- Technology Resources Committee (FA12)
- Continuing Education Curriculum Committee (SP12)
- Honors Program Assessment Committee (SP12)
- Cohort Program for Undeclared majors committee (SP12)
- Academic Samplers for Accepted Student Day, (FA11 x 2), (FA11, SP12 x 6)
- Creativity, Values, and Innovation working group (FA11 – present)
- Committee for Liberal Arts Signature Programs (Sum11 – Present)
- Annual McLaughlin Lecture Coordinator – Prof. Ellen Langer, Mindfulness (FA11)
- Honors program committee (FA11 – Present)
- Merrimack College website redesign committee (FA11 – Present)
- Accept the Challenge Representative (Sum11)
- NEASC self-study editing committee (Sum11)
- Annual McLaughlin Lecture Coordinator – Prof. Daniel Anderson, Children and Media, (SP11)
- L.E.A.D.s awards committee (SP11)
- Psychology Club, Faculty Advisor (2010, 2011, 2012)

Other Professional Experience

- Associate Editor for:
  - Pedagogy and the Human Sciences
- Ad hoc reviewer for:
  - Computers and Education
  - Psychological Science
- Undergraduate academic advising, University of Massachusetts Amherst (FA07, SP08)
- Seminar in Techniques in Teaching, Instructor Elizabeth Jakob Ph.D., University of Massachusetts Amherst, (FA04, SP05)
- Chair, Research Session I. National Consortium of Instruction and Cognition, San Diego, CA 2004
- Supervised Teaching of College Psychology, Advisor Brian Oppy Ph.D., California State University Chico, (FA02, SP03)
- Undergraduate Representative, 5-Year Review Committee of the Provost of the College of Creative Studies, University of California Santa Barbara, (SP99)
- Undergraduate Representative, Human Subjects Committee, University of California Santa Barbara (FA98, SP99)

Teaching Excellence Awards

- Excellence in Teaching Award (reflecting above a 4 out of 5 average for each category of student evaluations), University of Massachusetts Amherst (Win05, SU07, FA08, Win09, SP09)
- Graduate Student Teaching Award, Department of Psychology, University of Massachusetts Amherst (FA04, SP05, SP06)

Academic and Research Awards

- Provost's Innovation Fund Award (SP12)
- Graduate Research and Training Grant (SU06, SU07)
- Behavioral and Social Sciences Travel Grant, Department of Psychology, University of Massachusetts Amherst (FA04)
- Graduate Research and Creativity Award, California State University Chico (FA02, SP03)
- College of Behavioral and Social Sciences Student Research Travel Grant, California State University Chico (FA03)

Professional Activities

- Editorial Board for:
  - Pedagogy and the Human Sciences
- Ad hoc Reviewer for:
  - Psychology and Aging
  - Psychological

Professional Memberships

- Association for Psychological Science
- American Educational Research Association
- Vision Sciences Society
- National Consortium for Instruction and Cognition

References

- **Kyle R. Cave, Ph.D., Professor**
  University of Massachusetts Amherst
  Department of Psychology. Tobin Hall
  Amherst, Massachusetts 01003
  (413) 545-2787
  kcave@psych.umass.edu

- **Elizabeth M. Jakob, Ph.D., Professor**
  University of Massachusetts Amherst
  Department of Psychology, 107 Middlesex
  Amherst, Massachusetts 01003
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- **Raymond Shaw, Ph.D., Vice Provost**
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  North Andover, Massachusetts 01845
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