Katherine Sledge Moore

Department of Psychology
Yale University
2 Hillhouse Ave
New Haven, CT 06511

EDUCATION

Ph.D., Psychology, University of Michigan, Ann Arbor, MI, 2010

- Cognition and Perception Area
- Certificate Program in Cognitive Science and Cognitive Neuroscience

M.S., Psychology, University of Michigan, Ann Arbor, MI, 2008

B.A., Cognitive Science, University of Pennsylvania, Philadelphia, PA, 2003

GRANTS and HONORS

- Golden Key Honour Society Graduate Research Grant, 2010
- LSA Faculty Technology Innovation Teaching Grant, 2009
- Michigan Teaching Fellow, 2008
- National Science Foundation Graduate Fellowship, 2006-2009
- Pillsbury Research Award, 2008
- Rackham Graduate Research Grant, 2008
- CSCN Certificate Program Grant, 2006, 2008
- Rackham Travel Grant, 2005, 2006, 2007, 2008, 2009
- Psycholgy GSI Dean's List for outstanding teaching, 2007
- Outstanding GSI Award Nominee, 2008, 2009
- Summa Cum Laude, 2003
- Phi Beta Kappa, 2003
- Cognitive Science Flagbearer Award, 2003
- Sphinx Senior Society for outstanding leadership, 2002
- Summer Workshop in Cognitive Science, University of Pennsylvania, 2001

TEACHING

- Facilitator, *Diversity Dialogue Series: Sexual Identity* (University of Michigan), Winter 2010
- Lecturer, *Introduction to Cognitive Psychology* (University of Michigan), Spring 2009

- Honors seminar instructor, *How the mind works* (University of Michigan), Winter 2009
- Lab Instructor, *Introduction to fMRI* with John Jonides (University of Michigan), Summer 2008
- Graduate Student Instructor, *Brain, Learning, and Memory* with John Jondies (University of Michigan), Fall 2007
- Graduate Student Instructor, *Cognitive Psychology* with Thad Polk (University of Michigan), Fall 2006
- Research Mentor, fourteen undergraduate and high school students from 2006-present
- Substitute lecturer, *Psychology of Music* (University of Pennsylvania), Spring 2004
- Teaching Intern, CONNECT math and science program (Choate Rosemary Hall), Summer 2002

RESEARCH EXPERIENCE

- *Department of Psychology, Yale University*, 2010 - present
  Postdoctoral Associate with Marvin Chun
- *Department of Psychology, University of Michigan*, 2005 - 2010
  Graduate student researcher with Daniel Weissman and John Jonides
- *Center for Cognitive Neuroscience, University of Pennsylvania* 2003 - 2005
  Research Technician, full-time for Ingrid Olson.
- *Center for Cognitive Neuroscience, University of Pennsylvania*, 2004
  Programming Consultant.
- *Institute for Research in Cognitive Science, University of Pennsylvania*, 2002 - 2003
  Senior thesis on verb selection with Lila Gleitman and Felicia Hurewitz
- *Institute for Research in Cognitive Science, University of Pennsylvania*, 2002
  Research with Christine Massey on mathematical education.
- *Department of Psychology, University of Pennsylvania*, 2002
  Independent Study with Saul Sternberg investigating time perception and attention using a dual-task paradigm.
- *Cognition and Development Laboratory, Yale University*, 2000
  Summer Research Assistant for Frank Keil.

SERVICE and LEADERSHIP

- Graduate Teaching Consultant, 2009-2010
- Psychology Executive Committee, 2009-2010
- Departmental Associate, 2009-2010
- CommonGround Intergroup Relations Dialogue Facilitator, 2009-2010
- Honors Fellow, 2008-2009

- Graduate Committee, 2008-2009
- Admissions Committee, Cognition and Perception graduate program, 2008, 2009
- Recruitment Committee, Cognition and Perception graduate program, 2007, 2008
- Psychology Society *Applying to Graduate School* speaker, 2006
- Gave talk: *How to apply for the NSF Graduate Fellowship*, 2006, 2008
- Gave talk: *How to apply for graduate school in Psychology*, 2008
- Undergraduate Research Opportunities Program career panel, 2006
- Michigan Association of Psychology Scholars, 2006 - 2007
- Psychology Graduate Council, 2006 - 2007
- Forum Committee, Cognition and Perception area, 2005 - 2006
- Sphinx Senior Society for outstanding leadership at the University of Pennsylvania
  Held leadership positions in the *Cognitive Science Undergraduate Advisory Board*, *Student Committee on Undergraduate Education*, *Soundworks Tap Factory* and *Penn Band*.

JOURNAL ARTICLES

- Moore, K.S., Weissman, D.H. (2010) Involuntary transfer of a top-down attentional set into the focus of attention: Evidence from a contingent attentional capture paradigm. *Attention, Perception, & Psychophysics.*, 72, 1495-1509
- Moore, K.S., Porter, C.B., & Weissman, D.H. (2009) Made you look! Irrelevant commands hijack the attentional network.*NeuroImage*, 46(1), 270-279
- Olson, I.R., Moore, K.S., & Drowos, D.B. (2008) The contents of visual memory are only partly under volitional control. *Memory & Cognition*, 36, 1360-1369.
- Franklin, M.S., Moore, K.S., Yip, C-Y., Rattray, K., Moher, J., & Jonides, J. (2008) The Effects of Musical Training on Verbal Memory. *Psychology of Music*. 36(3), 353-365
- Nee, D.E., Berman, M.G., Moore, K.S., & Jonides, J. (2008) Neuroscientific evidence about the distinction between short- and long-term memory. *Current Directions in Psychological Science*, 17(2), 102-106
- Jonides, J., Lewis, R., Nee, D.E., Lustig, C.A., Berman, M.G., & Moore K.S. (2008) The Mind and Brain of Short-term Memory. *Annual Review of Psychology*. 59,
- Olson, I.R., Moore, K.S., Stark, M., Chatterjee, A. (2006) Visual Working Memory is Impaired when the Medial Temporal Lobe is Damaged. *Journal of Cognitive Neuroscience*. 18, 1087-1097
- Olson, I.R., Rao, H., Moore, K.S., Wang, J., Detre, J.A., Aguirre, G.K. (2006) Using Perfusion fMRI to Measure Continuous Changes in Neural Activity with Learning. *Brain and Cognition*. 60(3), 262-271
- Olson, I.R., Page, K., Moore, K.S., Chatterjee, A., and Verfaellie, M. (2006) Working Memory for Conjunctions Relies on the Medial Temporal Lobe. *Journal of Neuroscience*. 26, 4596-4601

- Olson, I.R., Jiang, Y. & Moore, K.S. (2005). Associative Learning Improves Visual Working Memory Performance. *Journal of Experimental Psychology: Human Perception and Performance.*31(5), 889-900

BOOK CHAPTER

- Lustig, C., Berman, M., Nee, D.E., Lewis, R.L., Moore, K.S., & Jonides, J. (2009). Psychological and neural mechanisms of short-term memory. In G.G. Bernston and J.T. Caccioppo (Eds.),*Handbook of neuroscience for the behavioral sciences.* pp. 567-585. Hoboken, NJ: John Wiley & Sons.

MANUSCRIPTS IN PROGRESS

- Moore, K.S., Weissman, D.H. (submitted) Set-specific contingent attentional capture can be reduced by exploiting a limited-capacity focus of attention.

CONFERENCE PRESENTATIONS

- Moore, K.S., Darling, E.F., Steinberg, J.B., Pinsker, E.A., & Weissman, D.H. (2010) Contingent attentional capture influences performance not only by depleting limited target processing resources, but also by changing attentional control settings.
  Vision Sciences Society, Naples, FL.
- Moore, K.S., Sottile, M., Darling, E.F., Weissman, D.H. (2009) Target-colored distractors attract feature attention.
  Psychonomic Society Meeting, Boston, MA.
- Moore, K.S., Lai, A., Oâ€™Moore, M.B., Chen, P., Weissman, D.H. (2009) Catch me if you can! Set switching increases the effects of contingent attentional capture.
  Vision Sciences Society, Naples, FL.
- Weissman D.H., Warner L., Woldorff M.H., Orr J.M., Moore K.S., & Porter C. (2008). Neural activity during multisensory processing: Attention makes a difference!
  Invited talk at the Endo-Neuro-Psycho Meeting 2008 Meeting, Doorweth, The Netherlands.
- Moore, K.S., Porter, C., Weissman, D.H. (2008) Made you look! Irrelevant instructions hijack the attentional network.
  Cognitive Neuroscience Society, san Francisco, CA
- Moore, K.S., Chatterjee, A., Page, K., Verfaellie, M., Olson, I.R. (2006) Binding in Visual Working Memory is Impaired in Patients with Medial Temporal Lobe Amnesia.
  Vision Science Society, Sarasota, FL.

- Moore, K.S., Ezzyat, Y., Wallen, T., & Olson, I.R. (2006) How information value modulates task preparation in the human cerebral cortex.
  Cognitive Neuroscience Society, San Francisco, CA
- Olson, I.R., Sledge, K., Stark, M., & Chatterjee, A. (2005) Visual working memory is impaired in patients with medial temporal lobe amnesia.
  Society for Neuroscience, Washington, D.C.
- Sledge, K., Olson, I. R. (2005) Controlling the Contents of Visual Short Term Memory.
  Vision Science Society, Sarasota, FL.
- Sledge, K., Olson, I.R., Rao, H., Wang, J., Detre, J., Aguirre, G.K. (2005). Motor learning: perfusion fMRI shows learning-related changes over 20-minute blocks of training.
  Cognitive Neuroscience Society, New York, NY.
- Olson, I.R., Jiang, Y., Sledge, K. (2004). Visual short-term memory capacity is increased by training.
  Vision Science Society, Sarasota, FL.
- Olson, I.R., Jiang, Y., Sledge, K. (2004). Visual short-term memory capacity is increased by training.
  Cognitive Neuroscience Society, San Francisco, CA.

COLLOQUIA AND INVITED TALKS

- "Made you look! Irrelevant instructions hijack the attentional network."
  11/1/07 Cognitive Forum, University of Michigan
- "The Effect of Working Memory Load on Attentional Capture"
  9/22/08 Visual Cognitive Neuroscience Laboratory, Yale University
- "Set Switching Increases the Effect of Attentional Capture"
  10/23/08 Cognitive Forum, University of Michigan
- "Set Switching and Attentional Capture"
  11/17/08 Cognitive Sciences Group, Notre Dame University
- "A Revised Model of Contingent Attentional Capture"
  4/9/09 Psychology Department, Oberlin College
- "Target-colored distractors attract attention and lead to attentioanl set enhancement."
  1/29/10 Cognitive Forum, University of Michigan
- "Involuntary transfer of a goal into the focus of attention during capture"
  11/9/10 Cognitive Lunch, Yale University