

MICHAEL J. KANE

Department of Psychology
P.O. Box 26170
University of North Carolina at Greensboro
Greensboro, NC 27402-6170

Office: 336-256-1022
Home: 336-315-9007
Email: mjkane@uncg.edu
<http://www.uncg.edu/~mjkane/>

Positions

Professor, <i>University of North Carolina, Greensboro, NC</i>	07-09 – present
Associate Professor, <i>University of North Carolina, Greensboro, NC</i>	07/04 – 06/09
Assistant Professor, <i>University of North Carolina, Greensboro, NC</i>	08/00 – 06/04
Assistant Professor, <i>Georgia State University, Atlanta, GA</i>	09/97 – 07/00
Research Associate, <i>University of South Carolina, Columbia, SC</i>	08/95 – 08/97

Education

Ph.D., Cognitive Psychology, <i>Duke University, Durham, NC</i>	08/95
Minor in Physiological Psychology	
<u>Dissertation</u> : “Semantic priming: An index of response competition in implicit memory”	
Dissertation Chair: Dr. Lynn Hasher	
B.A., Psychology (Honors), <i>Haverford College, Haverford, PA</i>	05/89

Funded Research Grants

P.I.: <i>Executive Control and Schizotypy in the Laboratory and Daily Life</i>	08/11 – 07/14
National Institute of Mental Health R15 (MH 093771-01)	
Total costs = \$418,500	
Co-P.I.: <i>Understanding the Role of Working Memory Capacity in Complex Task Performance to Improve Sailor and Marine Selection, Classification, & Training</i>	01/08 – 12/11
ONR; Subcontract Costs = \$90,945	
Co-P.I.: <i>Working Memory Capacity and Focused and Sustained Attention</i>	01/00 – 12/02
AFOSR; Subcontract Costs = \$246,889	
Co-P.I.: <i>Working Memory, Controlled Attention, and Task Switching</i>	01/97 – 12/99
AFOSR; Subcontract Costs = \$145,701	

Editorial Boards

Associate Editor, *Cognitive Psychology*, Editor: G. Logan, 08/2009-present
Associate Editor, *Memory and Cognition*, Editor: B. Ross, 2005-2008

Editorial Boards (continued)

- Consulting Editor, *Memory and Cognition*, Editor: J. Nairne, 2009-present
Consulting Editor, *Memory and Cognition*, Editor: C. MacLeod, 2001-04
Consulting Editor, *Memory and Cognition*, Editor: M. Gernsbacher, 1999-2001
Consulting Editor, *Journal of Experimental Psychology: General*, Editor: S. Lindsay, 2004-06

Publications

- Redick, T.S., Broadway, J.M., Meier, M.E., Kuriakose, P.S., Unsworth, N., Kane, M.J., & Engle, R.W. (in press). Measuring working memory capacity with automated complex span tasks. *European Journal of Psychological Assessment*.
- McVay, J.C., & Kane, M.J. (2011). Drifting from slow to "D'oh!" Working memory capacity and mind wandering predict extreme reaction times and executive-control errors. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Advance online publication. doi: 10.1037/a0025896
- McVay, J. C., & Kane, M.J. (2011). Why does working memory capacity predict variation in reading comprehension? On the influence of mind wandering and executive attention. *Journal of Experimental Psychology: General*. Advance online publication. doi: 10.1037/a0025250
- Bailey, H., Dunlosky, J., & Kane, M.J. (2011). Contribution of strategy use to performance on complex and simple span tasks. *Memory & Cognition*, 39, 447-461.
- Marcovitch, S., Boseovski, J.J., Knapp, R.J., & Kane, M.J. (2010). Goal neglect and working memory capacity in 4- to 6-year-old children. *Child Development*, 81, 1687-1695.
- McVay, J.C., & Kane, M.J. (2010). Does mind wandering reflect executive function or executive failure? Comment on Smallwood and Schooler (2006) and Watkins (2008). *Psychological Bulletin*, 136, 188-197.
- Kane, M.J., Core, T.J., & Hunt, R.R. (2010). Bias versus bias: Harnessing hindsight to reveal paranormal belief change, beyond demand characteristics. *Psychonomic Bulletin & Review*, 17, 206-212.
- McVay, J.C., Kane, M.J., & Kwapil, T.R. (2009). Tracking the train of thought from the laboratory into everyday life: An experience-sampling study of mind-wandering across controlled and ecological contexts. *Psychonomic Bulletin & Review*, 16, 857-863.
- Poole, B.J., & Kane, M.J. (2009). Working memory capacity predicts the executive control of visual search among distractors: The influences of sustained and selective attention. *Quarterly Journal of Experimental Psychology*, 62, 1430-1454.

Publications (continued)

- McVay, J.C., & Kane, M.J. (2009). Conducting the train of thought: Working memory capacity, goal neglect, and mind wandering in an executive-control task. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *35*, 196-204.
- Bailey, H., Dunlosky, J., & Kane, M.J. (2008). Why does working memory capacity predict complex cognition? Testing the strategy-affordance hypothesis. *Memory & Cognition*, *36*, 1383-1390.
- Moore, A.B., Clark, B.A., & Kane, M.J. (2008). Who shalt not kill? Individual differences in working memory capacity, executive control, and moral judgment. *Psychological Science*, *19*, 549-557.
- Knouse, L.E., Mitchell, J.T., Brown, L.H., Silvia, P.J., Kane, M.J., Myin-Germeys, I., & Kwapil, T.R. (2008). The expression of adult AD/HD symptoms in daily life: An application of experience sampling methodology. *Journal of Attention Disorders*, *11*, 652-663.
- Kane, M.J., Brown, L.E., Little, J.C., Silvia, P.J., Myin-Germeys, I., & Kwapil, T.R. (2007). For whom the mind wanders, and when: An experience-sampling study of working memory and executive control in daily life. *Psychological Science*, *18*, 614-621.
- Kane, M.J., Conway, A.R.A., Miura, T.K., & Colflesh, G.J.H. (2007). Working memory, attention control, and the *n*-back task: A question of construct validity. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *33*, 615-622.
- Kane, M.J., & Miyake, T.M. (2007). The validity of "conceptual span" as a measure of working memory capacity. *Memory & Cognition*, *35*, 1136-1150.
- Sobel, K.V., Gerrie, M.P., Poole, B.J., & Kane, M.J. (2007). Individual differences in working memory capacity and visual search: The roles of top-down and bottom-up processing. *Psychonomic Bulletin & Review*, *14*, 840-845.
- Dunlosky, J., & Kane, M.J. (2007). The contributions of strategy use to working memory span: A comparison of strategy-assessment methods. *Quarterly Journal of Experimental Psychology*, *60*, 1227-1245.
- Kane, M.J., Poole, B.J., Tuholski, S.W., & Engle, R.W. (2006). Working memory capacity and the top-down control of visual search: Exploring the boundaries of "executive attention." *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *32*, 749-777.
- Conway, A.R.A., Kane, M.J., Bunting, M.F., Hambrick, D.Z., Wilhelm, O., & Engle, R.W. (2005). Working memory span tasks: A review and a user's guide. *Psychonomic Bulletin and Review*, *12*, 769-786.

Publications (continued)

- Kane, M.J., Hambrick, D.Z., & Conway, A.R.A. (2005). Working memory capacity and fluid intelligence are strongly related constructs: Comment on Ackerman, Beier, and Boyle (2005). *Psychological Bulletin*, 131, 66-71.
- Kane, M.J., Hambrick, D.Z., Tuholski, S.W., Wilhelm, O., Payne, T.W., & Engle, R.W. (2004). The domain generality of working-memory capacity: A latent-variable approach to verbal and spatial memory span and reasoning. *Journal of Experimental Psychology: General*, 133, 189-217.
- Engle, R.W., & Kane, M.J. (2004). Executive attention, working memory capacity, and a two-factor theory of cognitive control. In B. H. Ross (Ed.), *The Psychology of Learning and Motivation, volume 44* (pp. 145 – 199). New York: Academic Press.
- Kane, M.J., & Engle, R.W. (2003). Working-memory capacity and the control of attention: The contributions of goal maintenance, response competition, and task set to Stroop interference. *Journal of Experimental Psychology: General*, 132, 47-70.
- Conway, A.R.A., Kane, M.J., & Engle, R.W. (2003). Working memory capacity and its relation to general intelligence. *Trends in Cognitive Sciences*, 7, 547-552.
- Kane, M.J., & Engle, R.W. (2002). The role of prefrontal cortex in working-memory capacity, executive attention, and general fluid intelligence: An individual-differences perspective. *Psychonomic Bulletin and Review*, 9, 637-671.
- Kane, M.J., Bleckley, M.K., Conway, A.R.A., & Engle, R.W. (2001). A controlled-attention view of working-memory capacity. *Journal of Experimental Psychology: General*, 130, 169-183.
- Kane, M.J., & Engle, R.W. (2000). Working memory capacity, proactive interference, and divided attention: Limits on long-term memory retrieval. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 26, 336-358.
- May, C.P., Hasher, L., & Kane, M.J. (1999). The role of interference in memory span. *Memory and Cognition*, 27, 759-767.
- Kane, M.J., May, C.P., Hasher, L., Rahhal, T., & Stoltzfus, E.R. (1997). Dual mechanisms of negative priming. *Journal of Experimental Psychology: Human Perception and Performance*, 23, 632-650.
- Hasher, L., Zacks, R.T., Stoltzfus, E.R., Kane, M.J., & Connelly, S.L. (1996). On the timecourse of negative priming: Another look. *Psychonomic Bulletin and Review*, 3, 231-237.

Publications (continued)

May, C.P., Kane, M.J., & Hasher, L. (1995). Determinants of negative priming. *Psychological Bulletin*, 118, 35-54.

Kane, M.J., & Hasher, L., Stoltzfus, E.R., Zacks, R.T., & Connelly, S.L. (1994). Inhibitory attentional mechanisms and aging. *Psychology and Aging*, 9, 103-112.

Kane, M.J. (1994). Premonitory urges as "attentional tics" in Tourette's Syndrome. *Journal of the American Academy of Child and Adolescent Psychiatry*, 33, 805-808.

Book Reviews and Brief Commentaries

Kane, M.J. (2011). Describing, debating, and discovering inner experience: Review of Hurlburt and Schwitzgebel (2007), 'Describing Inner Experience? Proponent Meets Skeptic.' *Journal of Consciousness Studies*, 18, 150-164.

Kane, M.J. (2010). Can people's minds be changed? How can we know? *Skeptic*, 16, 28-31.

Conway, A.R.A., Moore, A.B., & Kane, M.J. (2009). Recent trends in the cognitive neuroscience of working memory [Book review of *The Cognitive Neuroscience of Working Memory*]. *Cortex*, 45, 262-268.

Heitz, R.P., Redick, T.S., Hambrick, D.Z., Kane, M.J., Conway, A.R.A., & Engle, R.W. (2006). Working memory, executive function, and general fluid intelligence are not the same. *Behavioral and Brain Sciences*, 29, 135-136.

Kane, M.J. (2003). The intelligent brain in conflict. *Trends in Cognitive Sciences*, 7, 375-377.

Kane, M.J. (2003). A limited perspective on working memory? Review of *Working Memory in Perspective*. *European Journal of Cognitive Psychology*, 15, 313-317.

Kane, M.J., Conway, A.R.A., & Engle, R.W. (1999). What do working memory tests really measure? *Behavioral and Brain Sciences*, 22, 101-102.

Conway, A.R.A., Kane, M.J., & Engle, R.W. (1999). Is Spearman's g determined by speed or working memory capacity? [Review of the book, *The g Factor; The Science of Mental Ability*] *Psychology*, 10 (074), article 16.

Edited Books

Conway, A.R.A., Jarrold, C., Kane, M.J., Miyake, A., & Towse, J.N. (2007). *Variation in Working Memory*. New York: Oxford University Press.

Book Chapters and Encyclopedia Entries

- McVay, J.C., & Kane, M.J. (2010). Adrift in the stream of thought: The effects of mind wandering on executive control and working memory capacity. In A. Gruszka, G. Matthews, & B. Szymura (Eds.), *Handbook of individual differences in cognition* (pp. 321-334). New York: Springer.
- Kane, M.J., & Miyake, T.M. (2008). Individual differences in episodic memory. In H.L. Roediger, III (Ed.), *Cognitive Psychology of Memory* (pp. 773-785). Vol. 2 of *Learning and Memory: A Comprehensive Reference*, 4 vols. (J.Byrne, Editor). Oxford: Elsevier
- Bunch, R., Nelson, E., Lloyd, R., Kane, M.J., and Tricot, T. (2008). Instructional geographic information science: A multidisciplinary framework for geospatial technologies in education. In A. Milson & M. Alibrandi (Eds), *Digital Geography: Geo-spatial Technologies in the Social Studies Classroom* (pp. 227-245). Greenwich, CT: Information Age Publishing.
- Kane, M.J., Conway, A.R.A., Hambrick, D.Z., & Engle, R.W. (2007). Variation in working memory as variation in executive attention and control. In A.R.A. Conway, C. Jarrold, M.J. Kane, A. Miyake, & J.N. Towse (Eds.), *Variation in Working Memory* (pp. 21-48). New York: Oxford University Press.
- Conway, A.R.A., Jarrold, C., Kane, M.J., Miyake, A., & Towse, J.N. (2007). Variation in working memory: An introduction. In A.R.A. Conway, C. Jarrold, M.J. Kane, A. Miyake, & J.N. Towse (Eds.), *Variation in Working Memory* (pp. 3-17). New York: Oxford University Press.
- Cowan, N., Kane, M.J., Conway, A.R.A., & Ipsa-Cowan, A.J. (2006). Stupid brain! Homer's working memory odyssey. In A. Brown & C. Logan (Eds.), *D'oh! The Psychology of the Simpsons* (pp. 49 - 64). Dallas, TX: BenBella Books.
- Kane, M.J., & Gray, J.R. (2006). Fluid intelligence. To appear in N.J. Salkind (Ed.), *Encyclopedia of Human Development*. Thousand Oaks, CA: Sage.
- Kane, M.J. (2005). Full frontal fluidity? Looking in on the neuroimaging of reasoning and intelligence. In O. Wilhelm & R.W. Engle (Eds.), *Handbook of Understanding and Measuring Intelligence* (pp. 141-163). Thousand Oaks, CA: Sage.
- Hambrick, D.Z., Kane, M.J., & Engle, R.W. (2005). The role of working memory in higher-level cognition: Domain-specific versus domain-general perspectives. In R. Sternberg & J.E. Pretz (Eds.), *Cognition and Intelligence: Identifying the mechanisms of the mind* (pp. 104 - 121). New York: Cambridge University Press.
- Conway, A.R.A., & Kane, M.J. (2001). Capacity, control and conflict: An individual differences perspective on attentional capture. In C. Folk and B. Gibson (Eds.), *Attraction, Distraction and Action: Multiple Perspectives on Attention Capture* (pp. 349 - 372). Amsterdam: Elsevier.

Book Chapters and Encyclopedia Entries (continued)

- Engle, R.W., Kane, M.J., & Tuholski, S.W. (1999). Individual differences in working memory capacity and what they tell us about controlled attention, general fluid intelligence and functions of the prefrontal cortex. In A. Miyake & P. Shah (Eds.), *Models of Working Memory: Mechanisms of Active Maintenance and Executive Control* (pp. 102-134). New York: Cambridge University Press.
- Kane, M.J., & Hasher, L. (1995). Interference. In G. Maddox (Ed.), *The Encyclopedia of Aging* (2nd edition, pp. 514-516). New York: Springer-Verlag.

Invited Papers at Professional Conferences

- Kane, M.J. (2010). *Working memory and wandering minds: Thought content as a window into executive-control variation*. Invited talk at the annual meeting of the Association for Psychological Science, Boston, MA.
- Kane, M.J., & McVay, J. C. (2009). *Mind wandering contributes to executive-control failure and the worst performance rule*. Invited paper at the symposium, "Wandering minds and brains" at the annual meeting of the Psychonomics Society, Boston, MA.
- Kane, M.J. (2008). *Working memory capacity is (little more than) executive attention?! Keynote address at the 4th European Working Memory Workshop (EWOMS)*. Bristol, UK.
- Kane, M.J. (2008). *Working memory capacity, attention control, and conscious experience*. Invited symposium paper at the XXIX International Conference of Psychology. Berlin, Germany.
- McVay, J. C., & Kane, M.J. (2008). *Not quite 'all aboard': Individual differences in working memory capacity and the train of thought*. Invited paper (delivered by J. McVay) at the annual meeting of the Southern Society for Philosophy and Psychology. New Orleans, LA.
- Kane, M.J. (2007). *Thinking is for doing: Individual differences in working memory, inattention, and goal-neglect errors*. Invited paper at International Symposium on Executive Function in the Mind, Kyoto, Japan.
- Kane, M.J. (2006). *For whom the mind wanders...and when*. Invited symposium paper at the 4th International Conference on Memory (ICOM-4), Sydney, Australia.
- Kane, M.J. (2004). *Working-memory capacity and executive control of task-set switching*. Invited paper at the Second International Conference on Working Memory, Kyoto, Japan.

Invited Papers at Professional Conferences (continued)

Kane, M.J., Conway, A.R.A., Hambrick, D.Z., & Engle, R.W. (2003). *Variation in working-memory capacity as variation in executive attention*. Invited paper at the Variation in Working Memory symposium, Chicago, IL.

Kane, M.J. (2003). *Exploring executive control by exploiting individual differences in working-memory capacity*. Invited paper at the International Workshop on Executive Functions, Kyoto, Japan.

Kane, M.J. (2002). *Working-memory capacity as a unitary attentional construct*. Invited paper at the symposium, "Approaches to Cognitive Control and the Central Executive" at the annual meeting of the Psychonomics Society, Kansas City, MO.

Kane, M.J. (2001). *The roles of working-memory capacity, goal maintenance and task set in selective attention*. Invited paper at the South Carolina Bicentennial Symposium on Attention. Columbia, SC.

Kane, M.J. (2000). *Teaching undergraduates to question "weird" beliefs*. Invited paper at the symposium, "Teaching Students to Question Popular Beliefs" at the annual meeting of the Rocky Mountain Psychological Association, Tucson, AZ.

Kane, M.J. (1997). *Exploring the role of attention failure in forgetting*. Invited paper at The Innovationskolleg "Formal Models of Cognitive Complexity," Interdisciplinary Center for Cognitive Studies, Potsdam, Germany.

Engle, R.W., Tuholski, S.W., & Kane, M.J. (1997). *Individual differences in working memory capacity and what they tell us about controlled attention, general fluid intelligence and functions of the prefrontal cortex*. Invited paper at the "Models of Working Memory Symposium," Boulder, CO.

Presentations at Professional Conferences

Meier, M.E., & Kane, M.J. (2010). *Response set, repetition, and runs moderate working memory capacity's effect on Stroop interference*. Poster presented at the annual meeting of the Psychonomics Society, St. Louis, MO.

McVay, J.C., Meier, M.E., Touron, D.R., & Kane, M.J. (2009). *The aging of the wandering mind: Task-unrelated versus performance-related thought*. Poster presented at the annual meeting of the Psychonomics Society, Boston, MA.

Acklin, W.T., Sobel, K.V. & Kane, M.J. (2009). *Is attentional capture modulated by executive processing in working memory?* Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA

Presentations at Professional Conferences (continued)

- Marcovitch, S., Boseovski, J.J., Kane, M.J., & Knapp, R.J. (2009). Goal neglect and working memory in 4- to 6-year-old children. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- McVay, J.C., Kane, M.J., & Kwapil, T.R. (2008). *Sustained-attention failures in the lab predict daily-life mind-wandering rates*. Poster presented at the annual meeting of the Psychonomics society, Chicago, IL.
- Roth, H., Dunlosky, J., & Kane, M.J. (2008). *Contribution of strategy use to performance on complex and simple span tasks*. Poster presented at the annual meeting of the Psychonomics society, Chicago, IL.
- McVay, J.C., Knouse, L., Mitchell, J., Brown, L.H., Kane, M.J., & Kwapil, T.R. (2008). *Impaired conductors in the train of thought? Mind-wandering in Attention-Deficit/Hyperactivity Disorder*. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.
- McVay, J.C., & Kane, M.J. (2008). *The wandering mind: When personally relevant information capture attention*. Poster presented at the annual meeting of the Southeastern Psychological Association, Charlotte, NC.
- McVay, J.C., & Kane, M.J. (2007). *Working memory, executive control, and mind-wandering in lab and in life*. Paper presented at the annual meeting of the Psychonomic Society, Long Beach, CA.
- McVay, J.C., & Kane, M.J. (2007). *Individual differences in working memory, sustained attention, and mind wandering*. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Marcovitch, S., Boseovski, J.J., & Kane, M.J. (2007). *Repeated exposure decreases proactive interference: A test of the hierarchical competing systems model*. Poster presented at annual meeting of the Association for Psychological Science, Washington, DC.
- Miyake, T., & Kane, M.J. (2006). *Metacognitive monitoring for proactive interference at encoding and retrieval*. Poster presented at the annual meeting of the Psychonomics Society, Houston, TX.
- Moore, A.B., Clark, B., Holmes, S., & Kane, M.J. (2006). *Who shalt not kill? Cognitive control and moral reasoning*. Poster presented at the annual meeting of the Psychonomics Society, Houston, TX.

Presentations at Professional Conferences (continued)

Kane, M.J. (2006). *For whom the mind wanders, and when*. Paper at the annual meeting of the Eastern Psychological Association, Baltimore, MD.

Sobel, K., Gerrie, M., Kane, M.J., & Poole, B.J. (2006). *Working memory capacity influences the top-down factors in visual search*. Poster at the annual meeting of the Vision Sciences Society, Sarasota, FL.

Poole, B.J., & Kane, M.J. (2005). *Working memory capacity and the control of visual search*. Paper at the annual meeting of the Psychonomic Society, Toronto, CA.

Poole, B.J., & Kane, M.J. (2005). *The role of working memory capacity and attention control in visual search*. Poster at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Miyake, T.M., & Kane, M.J. (2004). *Exploring the "conceptual span" task of semantic working memory*. Poster at the annual meeting of the Psychonomic Society, Minneapolis, MN.

Poole, B.J., Kane, M.J., Tuholski, S.W., & Engle, R.W. (2004). *Working-memory capacity, visual search and enumeration*. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Miyake, T.M., & Kane, M.J. (2004). *Does semantic STM capacity play a special role in comprehension?* Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Miyake, T.M., & Kane, M.J. (2004). *"Conceptual span" as a measure of semantic short-term memory*. Poster at the Second International Conference on Working Memory, Kyoto, Japan.

Kane, M.J., Poole, B.J., Tuholski, S.W., & Engle, R.W. (2003). *Working memory capacity and executive control in search and switching*. Paper at the annual meeting of the Psychonomic Society, Vancouver, Canada.

Kane, M.J., Hambrick, D.Z., Tuholski, S.W., Wilhelm, O., Payne, T., & Engle, R.W. (2002). *The domain-generalty of working-memory capacity*. Paper at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Kane, M. J. (2002). *The domain-generalty of working-memory capacity*. Paper presented at the annual meeting of the Southern Society for Philosophy and Psychology, Nashville, TN.

Presentations at Professional Conferences (continued)

- Miura, T.K., Conway, A.R.A., & Kane, M.J. (2002). *Working memory limitations and the N-back task*. Paper at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Conway, A.R.A., & Kane, M.J. (2001). *ACDC meets ABBA: An experimental task analysis of the N-back*. Paper at the annual meeting of the Psychonomic Society, Orlando, FL.
- Kane, M.J., & Engle, R.W. (2000). *Working memory, task set, and Stroop interference in speed and accuracy*. Poster at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Kane, M.J., & Engle, R.W. (2000). *Working memory capacity and goal neglect in the Stroop task*. Paper at annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Kane, M.J., Sanchez, A., & Engle, R.W. (1999). *Working memory capacity, intelligence, and goal neglect in the Stroop task*. Poster at annual meeting of the Psychonomic Society, Los Angeles, CA.
- Engle, R.W., Kane, M.J., & Bleckley, M.K. (1999). *A controlled attention view of working Memory capacity*. Paper at annual meeting of the Psychonomic Society, Los Angeles, CA.
- Kane, M.J., & Engle, R.W. (1999). *Working memory capacity predicts task switching efficiency*. Paper at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Kane, M.J., & Engle, R.W. (1998). *Working memory capacity corresponds to controlled attention differences*. Poster at annual meeting of the Psychonomic Society, Dallas, TX.
- Kane, M.J., & Engle, R.W. (1998). *Individual differences in working memory, attentional control, and proactive interference*. Paper at annual meeting of the American Psychological Society, Washington, DC.
- May, C.P., Kane, M.J., Hasher, L., & Valenti, M. (1996). *Proactive interference and working memory span*. Paper at annual meeting of the Psychonomic Society, Chicago, IL.
- May, C.P., Kane, M.J., Hasher, L., Multhaup, K., & Valenti, M. (1996). *Working memory span tasks: Capacity or proactive interference?* Paper at biannual Cognitive Aging Conference, Atlanta, GA.
- Oswald, K., Hasher, L., Kane, M.J., & May, C.P. (1996). *Is seeing really believing? Effects of repeated exposure on memory for events*. Poster at annual meeting of the Midwestern Psychological Association, Chicago, IL.

Presentations at Professional Conferences (continued)

Kane, M.J., & Hasher, L. (1995). *Fan interference is absent in semantic priming*. Poster at annual meeting of the Psychonomic Society, Los Angeles, CA.

Hasher, L., Kane, M.J., May, C.P., Rahhal, T., & Stoltzfus, E.R. (1994). *Dual mechanisms of negative priming: Evidence from aging*. Paper at biannual Cognitive Aging Conference, Atlanta, GA.

Hasher, L., Kane, M.J., Stoltzfus, E.R., Zacks, R.T., & Connelly, S.L. (1993). *Failures of methodological manipulations to elicit negative priming in older adults*. Poster at annual meeting of the American Psychological Society, Washington, DC.

Invited Lectures and Colloquia

Kane, M.J. (2011, March). *Laboratory and daily-life investigations of working memory capacity and cognitive control*. Duke University

Kane, M.J. (2008, December). *Tracking the train of thought from the laboratory to everyday life*. UNC:CH

Kane, M.J. (2007, March). *Individual differences in working memory capacity: Pushing the boundaries of "executive control"*. University of Oregon.

Kane, M.J. (2007, February). *For whom the mind wanders, and when: Working memory capacity and thought flow in the laboratory and in life*. University of Missouri: Columbia.

Kane, M.J. (2005, October). *What is working-memory capacity, and why does it matter?* Psi Chi "Psych Talk" series, University of North Carolina at Greensboro.

Kane, M.J. (2005, April). *What is working-memory capacity?* Furman University.

Kane, M.J. (2004, October). *An "executive attention" view of working memory capacity*. North Carolina State University.

Kane, M.J. (2002, April). *The domain-generalty of working-memory capacity*. UNC:CH.

Recent Teaching Experience: *University of North Carolina at Greensboro*

FMS 108, Why People Believe “Weird” Things (freshman seminar)
PSY 280, Cognitive Psychology (undergraduate)
PSY 318, Belief in “Weird” Things (undergraduate; **co-developed new course**)
PSY 385, IQ and Intelligence (undergraduate; **developed new course**)
PSY 481, Cognition and Consciousness (undergraduate)
PSY 481L, Cognition and Consciousness Laboratory (undergraduate)
Graduate Seminars: Working Memory; Interference & Forgetting;
Mind-wandering & Human Error; Variation in Working Memory

Professional Associations and Activities

Association for Psychological Science (Fellow)
Psychonomic Society (Member)

Scientific/Program Committee, 2004 *International Conference on Working Memory*
Co-Organizer, *Variation in Working Memory Symposium*, July 2003, Chicago, IL

NIMH Grant Review Panels

2005, October: Minority Research Infrastructure Support (M-RISP)
2007, October: Special Emphasis, Translational Research in Integrative Behavioral Science

Ad Hoc Reviewer:

- Journal manuscripts: *Acta Psychologica*; *American Journal of Psychology*; *Applied Cognitive Psychology*; *Attention, Perception & Psychophysics*; *British Journal of Developmental Psychology*; *British Journal of Psychology*; *Child Development*; *Clinical Psychology and Psychotherapy*; *Cognition*; *Cognitive Psychology*; *Consciousness and Cognition*; *Current Psychology of Cognition*; *Developmental Psychobiology*; *European Journal of Cognitive Psychology*; *Experimental Psychology*; *Intelligence*; *International Journal of Behavioral Development*; *Journal of Cognitive Neuroscience*; *Journal of Gerontology*; *Journal of Experimental Psychology: General*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Memory*; *Memory & Cognition*; *Neuropsychologia*; *Neuropsychology*; *Psychological Bulletin*; *Psychological Review*; *Psychological Science*; *Psychology and Aging*; *Psychonomic Bulletin & Review*; *Science*
- NSF grant proposals (5)
- Academic and Textbook Book Reviewer: *Allyn & Bacon*; *Mayfield Publishing*, *Oxford University Press*, *Sage Publishing*, *Wadsworth Publishing*

Professional Associations and Activities (continued)

External Consultant: Foundation (Teagle) grant preparation for Associated Colleges of the South, on bridging cognitive science and college educational practices, 2007

Institute Fellow: McDonnell-Pew Summer Institute on Cognitive Neuroscience, 1996

Teaching Fellow: Preparing Future Faculty, American Association of Colleges, 1995

University Service

University Service:

Graduate Studies Committee (academic years 2011 -)
Institutional Review Board (academic years 2002 - 2004; 2006 - 2009)
University Phon-a-thon (2002; 2009)

College (Arts & Sciences) Service:

Freshman Seminar Advisory Committee (academic years 2002 - 2010)
College Additional Requirements (CAR) Task force (academic year 2006-2007)
Research Assignment Evaluation Committee (Fall 2007, 2008)
Harriet Elliott Lectures Organizing Committee (academic year 2006-2007)

Department (Psychology) Service:

Director of Graduate Studies (summer 2010 - present)
Cognitive Area Head (Summer 2003 - Summer 2005; Summer 2007 - 2010)
Graduate Studies Committee (Summer 2003 - Summer 2005; Summer 2007 - 2010)
Kendon Smith Lectures Committee (2004 - present)
Chair, Cognitive Faculty Search Committee (Fall 2004 - Spring 2005)
Chair, Cognitive Faculty Search Committee (Fall 2006 - Spring 2007)
Subject Pool Coordinator (academic year 2004 - 2005)
Psychology Head Search Committee (Spring 2003 - Spring 2004)
Cognitive Faculty Search Committee (Fall 2002 - Spring 2003)
Cognitive Area Brown-Bag Coordinator (Fall 2003 - present)
Psychology Colloquium Committee (academic year 2002 - 2003)
Undergraduate Program Committee (academic year 2001 - 2002)
Psi Chi co-advisor (academic years 2000 - 2001, 2001 - 2002)
Merit Raise Committee (Spring 2002, 2010)