2/19/2015

John Jonides

Department of Psychology, University of Michigan
530 Church Street, Ann Arbor, Michigan 48109-1043
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Present Positions:

Edward E. Smith Professor of Psychology and Neuroscience
Co-Director, functional MRI Center
Senior Editor, *Psychological Science*

Personal Information:

Home Address: 3555 Stanton Court , Ann Arbor, Michigan 48105
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Education:

University of Pennsylvania
M.A., 1972 (Psychology, with distinction)
Ph.D., 1975 (Psychology)

The Johns Hopkins University, 1965-1971
B.A., 1969 (Psychology)
M.Ed., 1971 (Education)

Awards:

Excellence in Research Award, University of Michigan, 1996
Elected Fellow, Society of Experimental Psychologists, 1996
Elected Fellow, AAAS, 1995
Elected Fellow, APS, 2000
Excellence in Education Award, University of Michigan, 1992
Fellowship from American Council on Education, 1982 (declined).
University of Michigan Distinguished Service Award, 1978.
Spencer Foundation research award: The development of automaticity, 1980-1981.
Faculty Development Fund Award for the development of instructional materials for introductory psychology, 1980.
Distinguished Faculty Achievement Award, 2003
APA Master Lecturer, 2003
Collegiate Professorship, 2004
Elected Fellow, Association for Psychological Science, 2005
Pfizer Foundation Prize for Clinical Neuroscience for Jaeggi, Buschkuehl, Jonides, and Perrig, 2008
Association for Psychological Science William James Fellow Award for lifetime achievement, 2011

Professional Organizations:

American Association for the Advancement of Science (Fellow)
Association for Psychological Science (Fellow)
Cognitive Neuroscience Society
Psychonomic Society
Society for Neuroscience
Society of Experimental Psychologists

Previous Positions:

Associate Editor, *Psychological Science*, 2008-2011
Editor-in-Chief, *Cognitive, Affective, and Behavioral Science*, 1999-2006
Visiting Professor, University of California at San Diego, 2003
Associate Chair for Facilities, Department of Psychology, 1995-1996
Special Assistant to the Dean, 1992-1993
Associate Dean for Research and Facilities, 1990-1992
Associate Dean for Research, 1989-1990
Director, Human Performance Center, 1980-1989
Visiting Professor, University of Virginia, 1988, 1989
Acting Chair, Department of Psychology, University of Michigan, 1985
Visiting Fellow, The Johns Hopkins University, 1982
Professor, University of Michigan, 1986-2004
Associate Professor, University of Michigan, 1980-1986
Assistant Professor, University of Michigan, 1975-1980

Research Support:

Office of Naval Research:
Training Intelligence,
2009-2014 ($1,050,000)
National Science Foundation:
Neural Mechanisms of Short-term Memory,
2008-2012 ($550,000)
National Institute of Mental Health:
Interference-resolution Mechanisms and their Relevance to Depression,
2007-2013 ($2,695,970)
National Institute of Mental Health:
Training program in functional magnetic resonance imaging, 2005-2010,
($670,315)
National Institute of Mental Health:
Training program in functional magnetic resonance imaging, 2010-2015,
($700,000)
National Science Foundation:
Mechanisms of Interference Resolution, 2006-2008 ($545,000)
Dana Foundation:
Training in the Arts and Cognition, 2004-2007 ($200,000)
National Institute on Aging:

Neurocognitive aging of working memory: storage, and executive processes, 2001-2006 ($1,576,559)

National Institute of Mental Health:
Executive Processing and the Frontal Lobes, 2000-2005 ($2,333,222)

National Science Foundation:
Acquisition of Magnetic Resonance Imaging Scanner for Functional Studies, 1999-2001 ($1,975,000)

Office of Naval Research and Air Force Office of Scientific Research:
A National Brain Imaging Network, 1998-2000

National Institute on Aging:
Age and working memory: Neuoimaging and behavioral studies, 1995-2000

Howard Hughes Medical Institute:
Diversifying the biomedical science learning environment, 1992-1997

Fund for the Improvement of Postsecondary Education
Equal educational opportunity through undergraduate research, 1992-1995

Fund for the Improvement of Postsecondary Education
Equal educational opportunity through undergraduate research, 1992-1995

Office of Minority Equity, State of Michigan Department of Education:
Enriching the undergraduate experience through research partnerships: Focus on minority students at risk of attrition, 1991-1996

Horace H. Rackham Graduate School, University of Michigan:
Faculty Recognition Award, 1993

Office of the Vice-President for Research, University of Michigan:
Training in cognitive neuroscience, 1992-1993

McDonnell Foundation:
Training in cognitive neuroscience, 1992-1993

Office of Naval Research:
Visual-spatial working memory and its role in problem-solving, 1996-1999

Office of Naval Research:
Working memory as revealed by positron emission tomography, 1993-1996Office of Naval Research:
Working memory as revealed by positron emission tomography, 1993-1996

Office of Naval Research:
Working memory processes as revealed by positron emission tomography, 1991-1992

McDonnell-Pew Program in Cognitive Neuroscience
Imaginal strategies in inductive reasoning: Evidence from PET, 1990

National Institute of Mental Health:
Estimating frequency of occurrence, 1989-1991.

Air Force Office of Scientific Research:
Perception of complex displays, 1986-1988.

Air Force Office of Scientific Research:
A computerized eye movement laboratory, 1983.
Air Force Office of Scientific Research:
Eye movements and the perception of displays, 1982-1986.
National Institute of Mental Health:
Integrating information across successive fixations, 1981-1982.
National Science Foundation:
Automatic and effortful components of maintenance rehearsal, 1981-1982.
National Science Foundation:
Organization in memory, 1979-1983.
Center for Research in Learning and Teaching grant for the development of instructional materials in perception, 1980.
National Science Foundation:
Selective attention in the visual field, 1977-1981.
Rackham Faculty Research Grant:
Perceptual processing in visual selective attention, 1975.
Mental representations of physical space, 1977.
Spencer Foundation Research Award:
Levels of perceptual organization in letter recognition, 1974.
Sigma Xi grant-in-aid-of-research
Processing mechanisms in categorical perception I, 1972.
Processing mechanisms in categorical perception II, 1973.
Processing mechanisms in categorical perception III, 1974.
National Institutes of Health training grant, 1971-1975.
TKF Foundation grant, 2013-2017.

Publications:

Park, J., Lee, D.S., Shablack, H., Verduyn, P., Deldin, P., Ybarra, O., Jonides, J., and Kross, E. (Submitted). When perception defies reality: The role of actual and perceived social support in depression.

Moser, J.S., Dougherty, A., Moran, T.P., Guevarra, D., Shablack, H., Ayduk, O., Jonides, J., Berman, M., and Kross, E. (Submitted). Third person self-talk facilitates emotion control without engaging cognitive control.

Verduyn, P., Lee, D.S., Park, J., Shablack, H., Orvell, A., Bayer, J., Ybarra, O., Jonides, J., and Kross, E. (Submitted). Passive Facebook usage undermines affective well-being: Experimental and longitudinal evidence.

Thompson, R.J., Kuppens, P., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I.H. (Submitted). Emotional clarity as a function of neuroticism and major depressive disorder.

Mišić, B., Fatima, Z., Askren, M. K., Buschkuehl, M., Churchill, N., Cimprich,B., ... & Berman, M. G. (2014). The functional connectivity landscape of the human brain. *PloS ONE*, *9*(10), e111007. doi:10.1371/journal.pone.0111007

Berman,M.G., Hout, M.C., Kardan, O., Hunter, M.,Yourganov, G., Hanayik, T., Karimi, H., Stone, B., Dennis, S., and Jonides, J. (2014). The perception of naturalness converges with low-level visual features of environmental scenes. *PloS ONE,* 9(12): e114572. doi:10.1371/journal.pone.0114572

Buschkuehl, M., Jaeggi, S. M., Mueller, S.T., Shah, P., and Jonides, J. (Submitted). Training change detection leads to substantial task-specific improvement.

Kardan, O., Demiralp, E., Hout, M., Hunter M., Karimi, H., Hanayik, T., Yourganbov, G., Jonides, J., and Berman, M. (Submitted). Is the preference of natural versus man-made scenes driven by top-down or bottom-up processing?

Katz, B., Jaeggi, S.M., Buschkuehl, M., Shah, P., and Jonides, J. (Submitted). Money can't buy you intelligence (but it might not hurt either): Cognitive training improves reasoning even when participants are extrinsically motivated.

Cheng, P., Preston, S., Jonides, J., Hoeflich, A., Thummala, K., Asement, M., Hsing, C., and Deldin, P. (Submitted). Attentional biases in major depressive disorder.

Nee, D. E., & Jonides, J. (2014). Frontal–Medial Temporal Interactions Mediate Transitions among Representational States in Short-Term Memory. *The Journal of Neuroscience*, *34*(23), 7964-7975. doi: 10.1523/JNEUROSCI.0130-14.2014

Bernard, J.A., Jaeggi, S.M., Buschkuehl, M., Hernandez-Garcia, L., and Jonides, J. (Submitted). Working memory training gains mitigate TMS-induced working memory performance disruption.

Pe, M. L., Kircanski, K., Thompson, R. J., Bringmann, L. F., Tuerlinckx, F., Mestdagh, M., ... & Gotlib, I. H. (2014). Emotion-Network Density in Major Depressive Disorder. *Clinical Psychological Science*, 2167702614540645. doi:10.1177/2167702614540645

Berman, M. G., Misic, B., Buschkuehl, M., Kross, E., Deldin, P. J., Peltier,S., …& Jonides, J. (2014). Does resting-state connectivity reflect depressive rumination? A tale of two analyses. *Neuroimage*, *103*, 267-279. doi:10.1016/j.neuroimage.2014.90.027

Sripada, C., Kessler, D., & Jonides, J. (2014). Methylphenidate Blocks Effort-Induced Depletion of Regulatory Control in Healthy Volunteers. *Psychological Science*, 0956797614526415. doi:10:1177/0956797614526415

Bo, J., Lee, C. M., Kwak, Y., Peltier, S. J., Bernard, J. A., Buschkuehl, M., Jaeggi, S. M. (7th). . . Seidler, R. D. (2014). Lifespan differences in cortico-striatal resting state connectivity. *Brain Connectivity, 4*(3), doi: 10.1089/brain.2013.0155.

Buschkuehl, M., Hernandez-Garcia, L., Jaeggi, S.M., Bernard, J.A., and Jonides, J. (2014). Neuronal effects of short-term training on working memory. *Cognitive, Affective, and Behavioral Neuroscience*. 14 (1), 147-160.

Jaeggi, S.M., Buschkuehl, M., Shah, P., & Jonides, J. (2014). The role of individual differences in cognitive training and transfer. *Memory and Cognition*, *42*(3), 464-480. (IF: 2.02)Nee, D.E., and Jonides, J. (2013). Trisecting representational states in short-term memory. *Frontiers in Human Neuroscience, 7: 796.*

Kross, E., Verduyn, P., Demiralp, E., Park, J., Lee, D.S., Lin, N., Shablack, H., Jonides, J., and Ybarra, O. (2013). Facebook use predicts declines in well-being in young adults. [Electronic version] *PLoS One, 8.* PMCID: PMC3743827.

Krpan, K.M., Berman, M.G., Deldin, P.J., Askren, M.K., and Jonides, J. (2013). An everyday activity as a treatment for depression: the benefits of expressive writing for people diagnosed with major depressive disorder. *Journal of Affective Disorders*, *150(3)*, 1148-1151. PMCID: PMC3759583.

Thompson, R., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I. (2013). The role of attention to emotion in recovery from major depressive disorder. *Depression Research and Treatment*. PMCID: PMC3703346

Craig, K.S., Berman, M.G., Jonides, J., and Lustig, C. (2013). Escaping the recent past: Which stimulus dimensions influence proactive interference? *Memory and Cognition, 41,* 650-670. PMCID: PMC3683102

Foland-Ross, L.C., Hamilton, J.P., Joormann, J., Berman, M.G., Jonides, J., and Gotlib, I.H. (2013). The neural basis of difficulties disengaging from negative irrelevant material in major depression. *Psychological Science, 24, 334-344. PMCID*: PMC Journal- In Process

Bernard, J.A., Peltier, S.J., Wiggins, J.L., Jaeggi, S.M., Buschkuehl, M., Fling, B.W., Kwak, Y., Jonides, J., Monk, C.S., and Seidler, R.D. (2013). Disrupted cortico-cerebellar connectivity in older adults. *NeuroImage*, *83,* 103-119. PMCID: PMC- Journal in Process.

Berman, M.G., Yourganov, G., Askren, M.K., Ayduk, O., Casey, B.J., Gotlib, I.H., Kross, E., McIntosh, A.R., Strother, S., Wilson, N.L., Zayas, V., Mischel, W., Shoda, Y., and Jonides, J. (2013). Dimensionality of brain networks linked to life-long individual differences in self-control. *Nature Communications, 4,* 1373. PMCID: PMC3555568.

Bernard, J.A., Peltier, S.J., Wiggins, J.L., Jaeggi, S.M., Buschkuehl, M., Jonides, J., Monk, C.S., and Seidler, R.D. (2013). Dissociable functional networks of the human dentate nucleus. *Cerebreal Cortex.*

Jonides, J., Jaeggi, S.M., Buschkuehl, M., and Shah, P. (Submitted). Building better science about building better brains.

Shah, P., Jaeggi, S.M., Buschkuehl, M., and Jonides, J. (2012). Cognitive training for ADHD: The importance of individual differences. *Journal of Applied Research in Memory and Cognition, 1,* 204-205.

Jaeggi, S.M., Buschkuehl, M., Shah, P., and Jonides, J. (2012). Cogmed and working memory training – Current challenges and the search for underlying mechanisms. *Journal of Applied Research in Memory and*

Cognition, 1, 211-213.
Jonides, J., Jaeggi, S.M., Buschkuehl, M.,and Shah, P. (2012). Building better brains. *Scientific American Mind, 23,* 59-63.
Bernard, J.A., Seidler, R.D., Hassevoort, K.M., Benson, B.L., Welsh, R.C., Wiggins, J.L., Jaeggi, S.M., Buschkuehl, M., Monk, C.S., Jonides, J., and Peltier, S.J. (2012). Resting state cortico-cerebellar functional connectivity networks: A comparison of anatomical and data-driven approaches. *Frontiers in Neuroanatomy, 6*, 31. PMCID: PMC3415673.
Thompson, R.J., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I.H. (2012). The everday emotional experience of adults with major depressive disorder: Examining emotional instability, inertia, and reactivity. *Journal of Abnormal Psychology*, *121*, 819-829. PMCID: PMC3624976.
Nee, D.E., Brown, J.W., Askren, M.K., Berman, M.G., Demiralp, E., Krawitz, A., and Jonides, J. (2012). A meta-analysis of executive components of working memory [Electronic version]. *Cerebral Cortex.* PMCID: PMC3584956.
Berman, M.G., Kross, E., Krpan, K.M., Askren, M.K., Burson, A., Deldin, P.J., Kaplan, S., Sherdell, L., Gotlib, I.H., and Jonides, J. (2012). Interacting with nature improves cognition and affect in depressed individuals. *Journal of Affective Disorders, 140*, 300-305. PMCID: PMC3393816.
Demiralp, E., Jaeggi, S.M., Buschkuehl, M., Ellsworth, P.C., Barrett, L.F., Henrandez-Garcia, L., Thompson, R.J., Mata, J.,Gotlib, I.H., and Jonides, J. (2012). Feeling blue or turquoise? Emotional differentiation in major depressive disorder. *Psychological Science, 23,* 1410-1416.
Buschkuehl, M., Jaeggi, S.M., and Jonides, J. (2012). Neuronal effects following working memory training. *Developmental Cognitive Neuroscience, 2*(S1), S167-S179. PMCID: PMC Journal – In Process.
Anguera, J.A., Bernard, J.A., Reuter-Lorenz, P., Jaeggi, S.M., Buschkuehl, M., Benson, B.L., Jennett, S., Humfleet, J., Reuter-Lorenz, P.A., Jonides, J., and Seidler, R.D. (2012). The effects of working memory resource depletion and training on sensorimotor adaptation. *Behavioural Brain Research, 228*, 107-115. PMCID: PMC3264800.
Berman MG., Kross E., Krpan KM., Askren MK., Burson A., Deldin PJ., Kaplan S., Sherdell L., Gotlib IH., and Jonides J. Interacting with nature improves cognition and affect for individuals with depression (2012). *Journal of Affective Disorders, 140,* 300-305. PMCID:PMC3393816
Thompson, R.J., Mata, J., Jaeggi, S., Buschkuehl, M., Deldin, P.J., Jonides, J., and Gotlib, I.H. (2012). The everyday emotional experience of adults with major depressive disorder. *Journal of Abnormal Psychology,121,*819-829. PMCID: PMC3624976

Buschkuehl, M., Jaeggi, S.M., Shah, P., & Jonides, J. (2012). Working Memory Training and Transfer. In R. Subotnik, A. Robinson, C. Callahan & P. Johnson (Eds.), *Malleable Minds. Translating Insights from Psychology and Neuroscience to Gifted Education*: National Center for Research on Giftedness and Talent, Institute for Education Science.

Mata, J., Thompson, R.J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I.H. (2012). Walk on the bright side: Physical activity and affect in major depressive disorder. *Journal of Abnormal Psychology*, *121*(2), 297-308. PMCID: PMC Journal – In Process.

Casey, B.J., Somerville, L.H., Gotlib, I.H., Ayduk, O., Franklin, N., Askren, M.K., Jonides, J., Berman, M.G., Wilson, N.L., Teslovich, T., Glover, G., Zayas, V., Mischel, W., and Shoda, Y. (2011). Behavioral and neural correlates of delay of gratification 40 years later. *Proceedings of the National Academy of Sciences of the United States of America, 108*(36), 14998-15003. PMCID: PMC3169162.

Berman, M.G., and Jonides, J. (In press). Ruminating on rumination. *Biological Psychiatry, 70*(4), 310-311. PMCID: PMC Journal – In Process.

Thompson, R.J., Mata, J., Jaeggi, S., Buschkuehl, M., Jonides, J., and Gotlib, I.H. (2011). Concurrent and prospective relations between attention to emotion and affect intensity: An experience sampling study. *Emotion, 11,* 1489-1494. PMCID: PMC3204007.

Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Shah, P. (2011). Short and long term benefits of cognitive training. *Proceedings of the National Academy of Sciences of the United States of America, 108*(25), 10081-10086. PMCID: PMC3121868.

Thompson, R.J., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I. (2011). Concurrent and prospective relations between attention to emotion and affect intensity: An experience sampling study. *Emotion, 11*(6), 1489-1494. PMCID: PMC3204007.

Nee, D.E., and Jonides, J. (2011). Dissociable contributions of prefrontal cortex and the hippocampus to short-term memory: Evidence for a 3-state model of memory. *NeuroImage, 54*(2), 1540-1548. PMCID: PMC2997173.

Atkins, A., Berman, M.G., Reuter-Lorenz, P.A., Lewis, R., and Jonides, J. (2011). Resolving semantic and proactive interference in memory over the short-term. *Memory and Cognition, 39*(5), 806-817. PMCID: PMC Journal – In Process.

Berman, M..G., Nee, D.E., Casement, M., Kim, H.S., Deldin, P., Kross, E., Gonzalez, R., Gotlib, I.H., Hamilton, P., Joormann, J., Waugh, C., and Jonides, J. (2011). Neural and behavioral effects of interference resolution in depression and rumination. *Cognitive, Affective and Behavioral Neuroscience, 11*, 85-96. PMCID: PMC Journal – In Process.

Gotlib, I.H., Jonides, J., Buschkuehl, M., and Joormann, J. (2011). Memory for affectively valenced stimuli in depression: Evidence from a novel matching task. *Cognition and Emotion, 25*(7), 1246-1254. PMCID: PMC Journal – In Process.

Hartley, A.A., Little, D.M., Speer, N.K., and Jonides, J. (2011). Input, retention, and output factors affecting adult age differences in visuospatial short-term memory. *Journal of Gerontology: Psychological Sciences, 66*, 435-443. PMCID: PMC3132264.

Mischel, W., Ayduk, O., Berman, M.G., Casey, B.J., Gotlib, I., Jonides, J., Kross, E., Teslovich, T., Wilson, N., Zayas, V., Shoda, Y. (2011). "Willpower" over the life span: Decomposing self-regulation. *Social, Cognitive, and Affective Neuroscience, 6*, 252-256. PMCID: PMC3073393.

Hartley, A., Jonides, J., and Sylvester, C.-Y. (2011). Dual task processing in younger and older adults: Similarities and differences revealed by fMRI. *Brain and Cognition*, *75*, 281-291. PMCID: PMC Journal – In Process.

Thompson, R.J., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Gotlib, I.H. (2010). Maladaptive coping, adaptive coping, and depressive symptoms: Variations across age and depressive state. *Behaviour Research and Therapy, 48*, 459-466. PMCID: PMC2872051.

Buschkuehl, M., Jaeggi, S.M., and Jonides, J. (Submitted). Investigating the cognitive processes of the n-back task.

Berman, M.G., Peltier, S., Nee, D.E., Kross, E., Deldin, P.J., and Jonides, J. (2010). Depression, rumination, and the default network. *Social, Cognitive, and Affective Neuroscience, 6*, 548-555. PMCID: PMC3190207.

Berman, M.G., Park, J., Gonzalez, R., Polk, T.A., Gehrke, A., Knaffla, S., and Jonides, J. (2010). Evaluating functional localizers: The case of the FFA. *Neuroimage, 50*, 56-71. PMCID: PMC2825676.

Jaeggi, S.M., Studer, B., Buschkuehl, M., Su, Y-F., Jonides, J., and Perrig, W.J. (2010). The relationship between n-back performance and matrix reasoning- implications for training and transfer. *Intelligence, 38*, 625-635.

Joorman, J., Nee, D.E., Berman, M.G., Jonides, J., & Gotlib, I.H. (2010). Interference resolution in major depression. *Cognitive Affective, and Behavioral Neuroscience, 10*, 21-33. PMCID: PMC2845922.

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Jaeggi, S.M., Berman, M.G., and Jonides, J. (2009). Training attentional Processes. *Trends in Cognitive Sciences, 13*(5), 191-192.

Doerte, K.S., Kroger, J.K., Archer, H.D., Gehring, W.J., Jonides, J., and

Smith, E.E. (Submitted). Switching representation and switching task: An ERP study.

Barch, D.M., Berman, M.G., Engle, R., Jones, J.H.,Jonides, J., MacDonald, A., Nee, D.E., Redick, T.S., and Sponheim, S.R. (2009). CNTRICS final task selection: Working memory. *Schizophrenia Bulletin, 35,* 136-152. PMCID: PMC2643954.

Nee, D.E. and Jonides, J. (2009). Common and distinct neural correlates of perceptual and memorial selection. *NeuroImage, 45*, 963-975. PMCID: PMC2775536.

Nee, D.E. and Jonides, J. (Submitted). The spotlight casts a shadow: Attentionally-mediated visual suppression produces object-specific inhibition.

Franklin, M.S., and Jonides, J. (2009). Order and magnitude share a common representation in parietal cortex. *Journal of Cognitive Neuroscience, 21*(11), 2114-2120.

Berman, M.G., Jonides, J., and Lewis, R.L. (2009). In search of decay in verbal short-term memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 35*(2), 317-333.

Lustig, C.A., Lewis, R.L., Berman, M.G., Nee, D.E., Moore, K.S., and Jonides, J. (2009). Psychological and neural mechanisms of short-term memory. In J.T. Cacioppo and G.G. Berntson (Eds.), Handbook of Neuroscience for the Behavioral Sciences, New York: John Wiley and Sons.

Bissett, P.G., Nee, D.E., and Jonides, J. (2009). Dissociating interference-control processes between memory and response. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 35*(5), 1306-1316. PMCID: PMC2848816.

Franklin, M.S., Jonides, J., and Smith, E.E. (2009). Processing of order information for numbers and months. *Memory and Cognition, 37*(5), 644-654.

Nelson, J.K., Reuter-Lorenz, P.A., Persson, J., Sylvester, C.-Y. C., and Jonides, J. (2009). Mapping interference resolution across task domains: A shared control process in left inferior frontal gyrus. *Brain Research,1256*, 92-100. PMCID: PMC2718547.

Berman, M.G., Jonides, J., and Kaplan, S. (2008). The cognitive benefits of interacting with nature. *Psychological Science, 19*(12), 1207-1212.

Nee, D.E. and Jonides, J. (2008). Neural correlates of access to short-term memory. *Proceedings of the National Academy of Sciences of the United States of America, 105*(37), 14228-14233. PMCID: PMC2544606.

Nee, D.E., and Jonides, J. (2008). Dissociable interference-control processes in perception and memory. *Psychological Science, 19*(5), 490-500.

Jaeggi, S.M., Buschkuehl, M., Jonides, J., and Perrig, W.J. (2008). Improving fluid intelligence with training on working memory. *Proceedings of the National Academy of Science, 105*(109), 6829-

6833. PMCID: PMC2383929.
Polk, T.A., Drake, R.M., Jonides, J., Smith, M.R.., and Smith, E.E. (2008). Attention enhances the neural processing of relevant features and suppresses the neural processing of irrelevant features in humans: A functional magnetic resonance imaging study of the Stroop task. *Journal of Neuroscience, 28*(51), 13786-13792. PMCID: PMC2659668.
Jonides, J., Lewis, R.L., Nee, D.E., Lustig, C.A., Berman, M.G., and Moore K.S. (2008). The mind and brain of short-term memory. *Annual Review of Psychology, 59*, 193-224.
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.
Franklin, M.S., Sledge-Moore, K., Yip, C-Y., Jonides, J., Rattray, K., and Moher, J. (2008). The effects of musical training on verbal memory. *Psychology of Music, 36*(3), 353-365.
Hartley, A.A., Jonides, J., Smith, E.E., and Little, D.M. (Submitted). Age, speed, and the structure of working memory.
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Persson, J., Welsh, K.M., Jonides, J., and Reuter-Lorenz, P.A. (2007). Cognitive fatigue of executive processes: Interaction between interference resolution tasks. *Neuropsychologia, 45*(7), 1571-1579. PMCID: PMC1876692.
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Colloquia:

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Georgetown University
Georgia Institute of Technology
Hillsdale College
Massachusetts Institute of Technology
McMaster University
Michigan State University
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New School for Social Research
Northwestern University

Princeton University
Rutgers University
Stanford University
Scripps College
SUNY at Binghamton
SUNY at Buffalo
SUNY at Stony Brook
Swarthmore College
The Johns Hopkins University
University of California at Berkeley
University of California at Davis
University of California at Los Angeles
University of California at San Diego
University of Chicago
University of Florida
University of Guelph
University of Illinois
University of Iowa
University of Missouri
University of Oklahoma
University of Oregon
University of Toronto
University of Virginia
University of Washington
Vanderbilt University
Washington University
Yale University

Professional Experience:

Teaching (Partial list):
Introduction to Experimental Psychology
Honors Introductory Psychology
Introduction to Cognitive Psychology
Introduction to functional MRI
Advanced Topics in Cognitive Neuroscience
Learning and Memory
Mind and Brain
Neurobiology of Learning and Memory
Neuroimaging the Mind
Neuroscience in the News
Perception
Psychology of Thinking
Various graduate seminars (e.g., covering topics on representation of spatial information, automaticity in cognitive processing, perceptual learning, cognition and affect, perception and motor behavior, scene perception,

cognitive neuroscience, working memory, memory).
Teacher of junior high school science, Baltimore City Public Schools, 1969-70.

Previous Administrative Posts (Partial list):
Chair, Cognition and Perception Area, 1998-2002
Associate Chair, Psychology Department, 1992-1996
Director, Undergraduate Research Opportunities Program, 1989-1993.
Special Assistant to the Dean, 1992-1993
Associate Dean for Research and Facilities, 1990-1992
Associate Dean for Research, 1989-1990
Acting Chair, Psychology Department, 1985
Acting Chair, Psychology Department Experimental/ Mathematical Area, 1984.
Psychology Department review committee: 1980-81.
Psychology Department executive committee: 1977-81, 1983-1989.
Psychology Department graduate committee: 1975-77.
Director, Human Performance Center, 1980-1989.

Reviewer:
American Psychologist
Canadian Journal of Psychology
Cerebral Cortex
Cognition
Cognitive Psychology
Cognitive Science
Current Directions in Psychological Science
Developmental Psychology
Human Brain Mapping
Journal of Abnormal Psychology
Journal of Cognitive Neuroscience
Journal of Experimental Child Psychology
Journal of Experimental Psychology: Human Learning and Memory
Journal of Experimental Psychology: Human Perception and Performance
Journal of Neuroscience
Journal of Personality and Social Psychology
Nature
Nature Neuroscience
NeuroImage
Neuron
Neuropsychologia
Neuroscience
Proceedings of the National Academy of Sciencea
Psychological Bulletin
Psychological Review
Psychological Science
Psychology and Aging
Psychonomic Bulletin and Review

Public Opinion Quarterly
Science
Teaching of Psychology
Vision Research
National Science Foundation grant proposals
National Institute of Mental Health grant proposals
Air Force Office of Scientific Research grant proposals

Editor:
Cognitive, Affective and Behavioral Neuroscience, 2000-2007

Associate Editor:
Cognitive Neuropsychology, 1999-2002
Psychological Science, 2009-2010

Consulting editor:
Journal of Experimental Psychology: Human Perception and Performance, 1992-2000.
Memory and Cognition, 1980-1989.
Perception and Psychophysics, 1976-1982.

Member:
Chair, NIMH study section on Cognition and Perception, 2012-2015
NSF Graduate Fellowship Review Panel, 2014-2015
NIMH study section on Cognition and Perception, 1997-2001
NIMH study section on Behavioral Science Center grants, 2000
NIMH study section on Training grants, 2002
Chair, NIMH study section on Training Fellowships, 2003-2010
NSF panel on Science and Technology Centers, 2000
NSF panel on memory and cognitive processes, 1982-1985
NSF internal review committee for BNS, 2005

Expert Consultant:
Air Force Office of Scientific Research Program in Cognitive Science, 1986-1994.
American College Testing Program, 1989-1993
NSF (to create Cognitive Neuroscience funding program) 2000-2001

Expert witness:
Issues concerning perception and memory.