

CURRICULUM VITAE**Jonathan W. Schooler*****ADDRESS***

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EDUCATION

Ph.D. Psychology, University of Washington, 1987
M.S. Psychology, University of Washington, 1984
BA Graduate Cum Laude, Hamilton College, 1981

PROFESSIONAL EXPERIENCE

Professor of Psychology, University of California, Santa Barbara (2007-present)
Professor of Psychology, University of British Columbia (2004-2007)
Canada Research Chair in Social Cognitive Science, University of British Columbia (2004-2007)
Senior Investigator, Brain Research Centre, University of British Columbia (2006-2007)
Professor of Psychology, University of Pittsburgh (2001-2004)
Senior Scientist (2004) Learning Research and Development Center, University of Pittsburgh
Visiting Professor, University of Virginia (1998)
Visiting Scholar, University of Washington (1998)
Associate Professor of Psychology (1993-2001), University of Pittsburgh
Assistant Professor of Psychology (1987-1993), University of Pittsburgh
Research Scientist, (1987-2004) Learning Research and Development Center, University of Pittsburgh

HONORS AND AWARDS

Fellow (2011) Society for Personality and Social Psychology
Fellow (2006) Association for Psychological Science
Tier 1 Canada Research Chair (2004-2006)
Honorable Mention, 2000 SPSSI Gordon Allport Intergroup Relations Prize
Akumal Scholar Award, (1999; 2000; 2001,2002), from the Positive Psychology Network
Osher Fellow, Exploratorium Science Museum (1997)
Lilly Foundation Teaching Fellowship, 1988

Honors in Psychology, Hamilton College, 1981

GRANTS

- John Templeton Foundation (2017-2020) *The Virtue of Curiosity: How Eagerness to Learn Fosters Learning, Creativity and Engagement* \$463,216
- Institute of Education Sciences (2017-2020) *Scalable Multimedia Mindfulness Training for Youth* \$1,409,907
- Gift from Bo Shao (2015-2018) *Center for Mindfulness and Human Potential* \$150,000
- Fetzer Franklin Fund (2014-2018) *Deciphering the Decline Effect: A Prospective Multi-Laboratory Replication Study* \$420,000
- Rodel Foundation (2015-2018) *Oculomotor attention training study* \$37,717
- National Philanthropic Trust (2015-2017) *The benefits of creative day-dreaming for creativity and creative writing* \$199,486
- John Templeton Foundation (2014-2017) *Ruling the mind: The synergistic effects of mindsets and mental control training* \$915,989
- National Philanthropic Trust (2015-2017) *"The Benefits of Daydreaming for Creativity and Creative Writing"* (\$199,781)
- U.S. Department of Education, Institute of Educational Science. (2011-2016) *Mind-wandering During Reading* (\$1,702,662)
- John Templeton Foundation (2011-2013) *The role of daydreaming in fostering creativity in the lab and the field* (\$399,639)
- John Templeton Foundation (2011-2013) *The Psychology of Free Will*, Co-PI with Thomas Nadelhoffer, Eddy Nahmias, & Kathleen Vohs (\$293,209)
- Bower Foundation, (2010-2011) *Anomalous Cognition* (\$60,000)
- Bower Foundation. (2009-2010) *Anomalous Cognition*, (\$60,000)
- Bower Foundation. (2007-2008) *Anomalous Cognition*, (\$100,000)
- Bial Foundation. (2007-2009) *Seeing into the Future: Temporally Reversed Perceptual Priming*. \$75,000
- Canadian Institute of Health Research (CIHR) (2006-2010) *Mind wandering, meta-awareness, and attention deficit and hyperactivity disorder* (\$225,219)
- NSERC Discovery Grant award (2006-2011) *Verbal overshadowing of nonverbal cognition* (\$110,000)
- Social Sciences and Humanities Research Council (SSHRC) (2005-2008) *Awareness of Affect* (\$130,000)
- British Columbia Knowledge Development Grant (2004-2007) *Dissociations of Meta-awareness* (\$155,000)
- Canada Foundation for Innovation (CFI) *Infrastructure grant (2004-2007) Dissociations of metaawareness* (\$155,000)
- Research Grant- Office of Educational Research *Lapses of meta-cognition during reading: understanding comprehension failure*. (2003-2006) Co-Pi w/ Erik Reichle (\$ 695,000, total costs)
- Research Grant- Unilever Corporation, (2001-2002) *Assessing the Sources of Refreshment*, \$46,000 total costs

- Research Grant- Unilever Corporation, (2000-2001) *Characterizing the Subjective Experience of Refreshment: A Comparison of Continuous and Discrete Measures*, \$36,000 total costs.
- Research Grant- Center for Consciousness Studies, (2000-2001) *Intuitive Introspection, Ret* (Bastian et al., 2017; Baumgart, Franklin, Jimbo, Su, & Schooler, 2017; Franklin et al., 2017; Gil-Jardiné et al., 2017; Laukkonen, Schooler, & Tangen, 2018; Laukkonen et al., 2018; Mooneyham et al., 2016, 2017; Protzko, Ouimette, & Schooler, 2016; Protzko & Schooler, 2017; Sanders, Wang, Schooler, & Smallwood, 2017; Seli, Maillet, et al., 2017; Seli, Ralph, et al., 2017, 2017; Zedelius, Müller, & Schooler, 2017; Zedelius & Schooler, 2017) *Prospective Self Awareness and the Correlation Between Confidence and Accuracy in Face Recognition*, \$20,000.
- Research Development Grant- University of Pittsburgh, (1999-200) *Understanding and Enhancing Intuitive Theories of Momentum in a Science Center Setting*, \$8,515.
- Research Grant- Unilever Corporation, (1999-2000) *A fresh perspective on refreshment. Subjective and Objective measures of refreshment*, \$81,000 total costs.
- Research Development Grant- University of Pittsburgh, (1995-1996) *Understanding and Enhancing Minority Achievement*, \$11,800.
- Supplement for Minority Graduate Research Assistant National Institute of Mental Health, (1994-1995), \$24,000 total costs.
- National Institute of Mental Health First Independent Research and Transition (FIRST) Award, (1990-1996) *Verbal Overshadowing of Non-verbal Memories*, \$456,000 total costs.

SCIENTIFIC MEETINGS/WORKSHOPS ORGANIZED

- Schooler, J.W. & Walleczek, J. (2012) *The Decline Effect*, Santa Barbara CA, October. Funding source: Fetzer Franklin Fund, \$150,000
- Schooler, J.W. & Hieronymi, P (2011) *Mental Control Workshop*, Santa Monica CA, May. Funding source: Templeton Foundation \$20,000
- Sejnowski, T. & Schooler, J.W. (2008) *Insights into Insight Workshop*, La Jolla, California, September 26-28. Funding Source: Swartz foundation \$20,000
- Schooler, J.W. & Radin, D. (2007) *Anomalous Cognition*. University of British Columbia, Vancouver British Columbia. July. Funding source: Fetzer Foundation and Samueli Institute \$100,000
- Cohen, J.C. & Schooler, J.W. (1993) *Towards a Science of Consciousness*. Carnegie Mellon University, Pittsburgh PA June. Funding source: Fetzer Foundation \$50,000

PROFESSIONAL ORGANIZATIONS

- Psychonomic Society
 Sigma Xi
 American Psychological Association
 American Psychological Society
 Midwestern Psychological Association
 Society for Experimental and Social Psychology (Fellow)
 Society for Personality and Social Psychology (Fellow)

SELECTED ADMINISTRATIVE DUTIES

Chair

The Center for Mindfulness and Human Potential (CMHP): Director (2016)
 Cognitive Psychology Program, University of Pittsburgh (1999-2001)
 Cognitive Psychology Program, (Acting Chair) University of Pittsburgh (1996-97)
 Department of Psychology Colloquia Committee (1994-1997)
 University of Pittsburgh Senate Student Affairs Committee, (1989-1996)

Committee Assignments

Psychology and Brain Science Dept. Personnel Committee (2015-present)
 University Senate Committee on Courses and General Education (2013-present)
 Subject Pool Committee Coordinator, UCSB (2012-present)
 Subject Pool Committee-member, UCSB (2010-2012)
 Graduate Affairs Committee, UCSB (2009-2010)
 Awards Committee, University of British Columbia (2004- 2006)
 Human Participants Committee, University of British Columbia (2004-2005)
 Senate Library Committee, University of Pittsburgh (2002-2004)
 Nomination Committee for University Vice-Provost and Dean of Students (1999)
 Student Affairs Committee of the University of Pittsburgh Board of Trustees (1998-2002)
 University of Pittsburgh Committee on Minority Students, (1993-1998)
 University of Pittsburgh Advisory Search Committee for Vice President of Student Affairs (1990)

Member

Middle States Self-Study Student Experience Study Group University of Pittsburgh (1999-2001)
 University of Pittsburgh, Living Learning Center Initiative Planning Committee (1995-1996)
 University of Pittsburgh Learning Skills Computer Usage Advisory Board (1994-1996)
 Faculty of Arts and Sciences Small Grants Review Committee, Secretary (1991-1994)

EDITORIAL DUTIES

Editor

Guest Editor (2013) *Frontiers in Perceptual Science*. Issue on Mind-wandering
 Associate Editor (1996-2000) *Cognitive Technology*
 Book Review Editor (1988-1995), *Applied Cognitive Psychology*

Editorial Boards

Psychology of Consciousness: Theory Research and Practice (2015-present)
Proceedings of the National Academy of Science (2013-2014)
Journal of Imagination, Cognition and Personality (2009-present)
Encyclopedia of Consciousness, Elsevier/Academic Press (2008-present)
Social Cognitive and Affective Neuroscience (2005-present)
Consciousness and Cognition (1998-Present)

Psychological Science (2002-2003)
Applied Cognitive Psychology (1997-2006)
Memory and Cognition (1994-1998)

ADVISORY BOARDS

Lifeboat Foundation
 Sean Costello Fund
 Fetzer Franklin Fund
 Self-Echo Corporation
 Neuroleadership Institute
 National Speech and Debate Association's Big Questions

AD-HOC REVIEWER

Journals:

American Journal of Psychology, American Psychologist, Applied Cognitive Psychology, Behavioral Decision Making, Behavioral Sciences & the Law, British Journal of Psychology, Canadian Journal of Psychology, Cognition and Instruction, Cognition and Emotion, Cognitive Psychology, Journal of Abnormal Psychology, Journal of Applied Social Psychology, Journal of Consciousness Studies, Journal of Creative Studies, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning; Memory; & Cognition, Journal of Gerontology, Journal of Memory and Language, Journal of Personality and Social Psychology, Journal of The American Statistical Association, Legal and Criminological Psychology, Memory, Memory and Cognition, Motivation and Emotion, Personality and Social Psychology Bulletin, Psychological Bulletin, Psychological Review, Psychological Science, Quarterly Journal of Experimental Psychology, Social Cognition, Science, JEP: Learning Memory and Cognition, Cognition, Journal of Transportation Research, Journal of Creative Behavior, Experimental Brain Research, APA Books, Templeton Foundation, Neuroscience, Psychology of Consciousness: Theory Research and Practice, Perspectives in Psychological Science, Cerebral Cortex, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: Applied, Frontiers in Psychology

Granting Agencies:

American Psychological Association Science Directorate, National Science Foundation, NATO Collaborative Research Grant Awards, Natural Science and Engineering Research Council of Canada.

Publishers:

Holt, Rinehart, and Winston., Houghton-Mifflin, Lawrence Erlbaum, Prentice-Hall, MIT Press

National Awards:

Reader for the 1996 American Psychological Society Shahin Hastroudi Memorial Prize

BOOKS

Zedelius, C. M., Müller, B. C. N., & Schooler, J. W. (2017). *The Science of Lay Theories: How Beliefs Shape Our Cognition, Behavior, and Health*. Springer.

Cohen, J.C. and Schooler, J.W. (Eds.) (1997) *Scientific Approaches to Consciousness* Hillsdale, NJ: Lawrence Erlbaum.

PUBLICATIONS

Creswell, K. G., Sayette, M. A., Skrzynski, C. J., Wright, A. G. C., Schooler, J. W., & Sehic, E. (2019). Assessing Cigarette Craving With a Squeeze. *Clinical Psychological Science*. 1-15.

Turnbull, A., Wang, H.-T., Schooler, J. W., Jefferies, E., Margulies, D. S., & Smallwood, J. (2019). The ebb and flow of attention: Between-subject variation in intrinsic connectivity and cognition associated with the dynamics of ongoing experience. *NeuroImage*, 185, 286–299.

Gable, S. L., Hopper, E. A., & Schooler, J. W. (2019). When the Muses Strike: Creative Ideas of Physicists and Writers Routinely Occur During Mind Wandering. *Psychological Science*, 1-9.

Mrazek, A.J., Mrazek, M.D., Cherolini, C.M., Cloughesy, J.N., Cynman, D.J., Gougis, L.J., Landry, A.P., Reese, J.V., & Schooler, J.W. (2018) The future of mindfulness training is digital, and the future is now. *Current Opinion in Psychology*.

Zedelius, C., Gross, M.E., & Schooler, J.W. (2018) Mind Wandering: More Than a Bad Habit. In B. Verplanken (Ed.) *The psychology of habit: Theory, mechanisms, change, and contexts*, 363-378. New York, NY: Springer.

Zedelius, C. M., Mills, C., & Schooler, J. W. (2018). Beyond subjective judgments: Predicting evaluations of creative writing from computational linguistic features. *Behavior Research Methods*, 1-16. <https://doi.org/10.3758/s13428-018-1137-1>

Seli, P., Kane, M. J., Metzinger, T., Smallwood, J., Schacter, D. L., Maillet, D., Schooler, J.W., Smilek, D. (2018). The Family-Resemblances Framework for Mind-Wandering Remains Well Clad. *Trends in Cognitive Sciences*, 22(11), 959–961.

- Seli, P., Kane, M.J., Smallwood, J., Schacter, D.L., Maillet, D., Schooler, J.W., & Smilek, D. (2018). Mind-Wandering as a Natural Kind: A Family-Resemblances View. *Trends in Cognitive Sciences*, 22(6), 479–490. <https://doi.org/10.1016/j.tics.2018.03.010>
- Zedelius, C. M., & Schooler, J. W. (2018). Unraveling what's on our minds: How different types of mind-wandering affect cognition and behavior. In *The Oxford Handbook of Spontaneous Thought: Mind-Wandering, Creativity, and Dreaming*, 233–247. Oxford University Press
- Laukkonen, R., Schooler, J., & Tangen, J. (2018). The Eureka Heuristic: Relying on insight to appraise the quality of ideas. *PsyArXiv*. <https://doi.org/10.17605/OSF.IO/EZ3TN>
- Schooler, J. W., Baumgart, S., & Franklin, M. (2018). Entertaining without endorsing: The case for the scientific investigation of anomalous cognition. *Psychology of Consciousness: Theory, Research, and Practice*, 5(1), 63–77. <https://doi.org/10.1037/cns0000151>
- Mrazek, A. J., Ihm, E. D., Molden, D. C., Mrazek, M. D., Zedelius, C. M., & Schooler, J. W. (2018). Expanding minds: Growth mindsets of self-regulation and the influences on effort and perseverance. *Journal of Experimental Social Psychology*, 79, 164–180. <https://doi.org/10.1016/j.jesp.2018.07.003>
- Seli, P., Ralph, B. C. W., Risko, E. F., Schooler, J. W., Schacter, D. L., & Smilek, D. (2017). Intentionality and meta-awareness of mind wandering: Are they one and the same, or distinct dimensions? *Psychonomic Bulletin & Review*, 24(6), 1808–1818. <https://doi.org/10.3758/s13423-017-1249-0>
- Mooneyham, B. W., Mrazek, M. D., Mrazek, A. J., Mrazek, K. L., Ihm, E. D., & Schooler, J. W. (2017). An Integrated Assessment of Changes in Brain Structure and Function of the Insula Resulting from an Intensive Mindfulness-Based Intervention. *Journal of Cognitive Enhancement*, 1(3), 327–336. <https://doi.org/10.1007/s41465-017-0034-3>
- Gil-Jardiné, C., Née, M., Lagarde, E., Schooler, J., Contrand, B., Orriols, L., & Galera, C. (2017). The distracted mind on the wheel: Overall propensity to mind wandering is associated with road crash responsibility. *PLOS ONE*, 12(8), e0181327. <https://doi.org/10.1371/journal.pone.0181327>
- Baumgart, S. L., Franklin, M. S., Jimbo, H. K., Su, S. J., & Schooler, J. (2017). Prediction of truly random future events using analysis of prestimulus electroencephalographic data. *AIP Conference Proceedings*, 1841(1), 030002. <https://doi.org/10.1063/1.4982773>
- Bastian, M., Lérique, S., Adam, V., Franklin, M. S., Schooler, J. W., & Sackur, J. (2017). Language facilitates introspection: Verbal mind-wandering has privileged access to consciousness. *Consciousness and Cognition*, 49, 86–97. <https://doi.org/10.1016/j.concog.2017.01.002>

- Protzko, & Schooler, J. (2017). No relationship between researcher successful productivity and replicability: an analysis of four studies with 79 replications. *PsyArXiv*. <https://doi.org/10.17605/OSF.IO/4VZFS>
- Zedelius, C. M., & Schooler, J. W. (2017). What Are People's Lay Theories About Mind Wandering and How Do Those Beliefs Affect Them? In *The Science of Lay Theories* (pp. 71–93). Springer, Cham. https://doi.org/10.1007/978-3-319-57306-9_4
- Mrazek, M.D., Zedelius, C., Gross, M.E., Mrazek, A., Phillips, D. T., Schooler, J.W. (2017). Mindfulness in Education: Enhancing Academic Achievement and Student Well-being by Reducing Mind-Wandering. In J. C. Karremans & E.K. Papiés (Ed.) *Mindfulness in Social Psychology*. Radboud University, the Netherlands.
- Protzko, J. & Schooler, J.W. (2017). Decline Effects: Types, Mechanisms, and Personal Reflections. In S.O. Lilienfeld & I. D. Waldman. (Eds.) *Psychological Science Under Scrutiny*, 85-107.
- Protzko, J., Ouimette, B., & Schooler, J. (2016). Believing there is no free will corrupts intuitive cooperation. *Cognition*, *151*, 6-9. Doi:10.1016/j.cognition.2016.02.014
- Mooneyham, B. W., Mrazek, M. D., Mrazek, A. J., Mrazek, K. L., Phillips, D. T., & Schooler, J. W. (2016). States of mind: Characterizing the neural bases of focus and mind-wandering through dynamic functional Connectivity. *Journal of Cognitive Neuroscience*, *29*(3),495-506. doi:10.1162/jocn_a_01066
- Sanders, J., Wang, H. T., Schooler, J., & Smallwood, J. (2016). Can I get me out of my head? Exploring strategies for controlling the self-referential aspects of the mind-wandering state during reading. *The Quarterly Journal of Experimental Psychology*, *60*(6), 1053-1062.
- Mooneyham, B.W. & Schooler, J.W. (2016). Mind-wandering and meta-awareness in hypnosis and meditation: Relating executive function across states of consciousness. In A. Raz & M. Lifshitz (Eds.), *Hypnosis and meditation: Towards an integrative science of conscious planes*. 221-240. New York, NY: Oxford University Press.
- Mooneyham, B. W., Mrazek, M. D., Mrazek, A. J., & Schooler, J. W. (2016). Signal or noise: Brain network interactions underlying the experience and training of mindfulness. *Annals of the New York Academy of Sciences*. *1369*(1), 256 doi: 10.1111/nyas.13044
- Mooneyham, B. W., & Schooler, J. W. (2016). Mind wandering minimizes mind numbing: Reducing semantic-satiation effects through absorptive lapses of attention. *Psychonomic Bulletin & Review*, 1-7. doi:10.3758/s13423-015-0993-2

- Mrazek, M. D., Mooneyham, B. W., Mrazek, K. L., & Schooler, J. W. (2016). Pushing the limits: Cognitive, affective, and neural plasticity revealed by an intensive multifaceted intervention. *Frontiers in Human Neuroscience*, 10. doi: 10.3389/fnhum.2016.00117
- Zanesco, A. P., King, B. G., MacLean, K. A., Jacobs, T. L., Aichele, S. R., Wallace, B. A., Smallwood, J., Schooler, J. W., & Saron, C. D. (2016). Meditation training influences mind wandering and mindless reading. *Psychology of Consciousness: Theory, Research, and Practice*, 3(1), 12-33. doi:10.1037/cns0000082
- Creswell, K. G., Sayette, M. A., Schooler, J. W., Wright, A. G., & Pacilio, L. E. (2016). Visceral states call for visceral measures verbal overshadowing of hunger ratings across assessment modalities. *Assessment*, 25(2), 173-182. 1073191116645910.
- Zedelius, C., & Schooler, J. (2016). The richness of inner experience: Relating styles of daydreaming to creative processes. *Frontiers in Psychology*, 6. doi:10.3389/fpsyg.2015.02063
- Zedelius, C. M., & Schooler, J. W. (2015). Mind wandering “Ahas” versus mindful reasoning: Alternative routes to creative solutions. *Frontiers in Psychology*, 6, 834 doi:10.3389/fpsyg.2015.00834
- Lerner, N., Baldwin, C., Higgins, J. S., Lee, J., & Schooler, J. (2015). Mind-wandering while driving what does it mean and what do we do about it? In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 59, No. 1, pp. 1686-1690). SAGE Publications. doi: 10.1177/1541931215591364
- Baird, B., Cieslak, M., Smallwood, J., Grafton, S. T., & Schooler, J. W. (2015). Regional white matter variation associated with domain-specific metacognitive accuracy. *Neuroscience*, 27(3), 440-452. doi:10.1162/jocn_a_00741
- Zedelius, C. M., Broadway, J. M., & Schooler, J. W. (2015). Motivating meta-awareness of mind wandering: A way to catch the mind in flight?. *Consciousness & Cognition*, 36, 44-53. doi:10.1016/j.concog.2015.05.016
- Broadway, J., Zedelius, C., Schooler, J. W., & Grondin, S. (2015). The long and short of mental time travel--self-projection over time-scales large and small. *Frontiers in Psychology*, 6, 1-3.
- Franklin, M. S., Smallwood, J., Zedelius, C. M., Broadway, J. M., & Schooler, J. W. (2015). Unaware yet reliant on attention: Experience sampling reveals that mind wandering impedes implicit learning. *Psychonomic Bulletin & Review*, 23(1): 223-229. doi:10.3758/s13423-015-0885-5

- Casner, S. M., and Schooler, J. W. (2015). Vigilance impossible: Diligence, distraction, and daydreaming all lead to failures in a practical monitoring task. *Consciousness and Cognition*, 35, 33-41. doi:10.1016/j.concog.2015.04.019
- Broadway, J. M., Franklin, M. S., & Schooler, J. W. (2015). Early event-related brain potentials and hemispheric asymmetries reveal mind-wandering while reading and predict comprehension. *Biological Psychology*, 107, 31-43. doi:10.1016/j.biopsycho.2015.02.009
- Broadway, J. M., Zedelius, C. M., Mooneyham, B. W., Mrazek, M. D., & Schooler, J. W. (2015). Stimulating minds to wander. *Proceedings of the National Academy of Sciences*, 112(11), 3182-3183. doi:10.1073/pnas.1503093112
- Smallwood, J. & Schooler, J.W. (2015). The science of mind wandering: Empirically navigating the stream of consciousness. *Annual Review of Psychology*, 66(1), 487-518. doi:10.1146/annurev-psych-010814-015331
- Schooler, J. W., Mrazek, M. D., Baird, B., & Winkielman, P. (2015). Minding the mind: The value of distinguishing among unconscious, conscious, and metaconscious processes. *APA Handbook of Personality and Social Psychology*, 1, 179-202.
- Schooler, J. (2015). Stepping Back and Adding Perspective - A Reply to Verena Gottschling. In T. Metzinger & J. M. Windt (Eds). *Open MIND*: 34(R). Frankfurt am Main: MIND Group. doi: 10.15502/9783958570832
- Schooler, J. (2015). Bridging the Objective/Subjective Divide - Towards a Meta-Perspective of Science and Experience. In T. Metzinger & J. M. Windt (Eds). *Open MIND*: 34(T). Frankfurt am Main: MIND Group. doi: 10.15502/9783958570405
- Schlitz, M., Schooler, J., Pierce, A., Murphy, A., & Delorme, A. (2014). Gaining perspective on death: Training program and language use outcomes assessment. *Spirituality in Clinical Practice*, 1(3), 169.
- Shariff, A. F., Grene, J. D., Karremans, J. C., Luguri, J. B., Clark, C. J., Schooler, J. W., & ... Vohs, K. D. (2014). Free will and punishment: A mechanistic view of human nature reduces retribution. *Psychological Science*, 25(8), 1563-1570. doi:10.1177/0956797614534693
- Schooler, J., Nadelhoffer, T., Nahmias, E., & Vohs, K. D. (2014). Measuring and manipulating beliefs and behaviors associated with free will. *Surrounding Free Will: Philosophy, Psychology, Neuroscience*, 72.
- Schooler, J. W. (2014). Turning the lens of science on itself verbal overshadowing, replication, and metascience. *Perspectives on Psychological Science*, 9(5), 579-584.

- Franklin, M. S., Baumgart, S. L., Schooler, J. W., Baruss, I., & Bem, D. J. (2014). Future directions in precognition research: More research can bridge the gap between skeptics and proponents. *Frontiers In Psychology, 5*, 907. doi:10.3389/fpsyg.2014.00907
- Casner, S. M., Geven, R. W., Recker, M. P., & Schooler, J. W. (2014). The retention of manual flying skills in the automated cockpit. *Human Factors: The Journal of the Human Factors and Ergonomics Society, 56*(8), 1506–1516. doi:10.1177/0018720814535628
- Baird, B., Mrazek, M., Phillips, D. T., & Schooler, J. W. (2014). Domain-specific enhancement of metacognitive ability following meditation training. *Journal of Experimental Psychology: General, 143*(5), 1972-1979. doi:10.1037/a0036882
- Brown, C., Brandimonte, M. A., Wickham, L. H., Bosco, A., & Schooler, J. W. (2014). When do words hurt? A multiprocess view of the effects of verbalization on visual memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 40*(5), 1244-1256.
- Franklin, M. S., Mrazek, M. D., Anderson, C. L., Johnston, C., Smallwood, J., Kingstone, A., & Schooler, J. W. (2014). Tracking distraction: The relationship between mind wandering, meta-awareness, and ADHD symptomatology. *Journal of Attention Disorders, 21*(6), 475-486. doi: 10.1177/1087054714543494
- Schooler, J. W. (2014). Metascience could rescue the ‘replication crisis’. *Nature, 515*(7525), 9 doi:10.1038/515009a
- Casner, S. M., & Schooler, J. W. (2014). Thoughts in flight automation use and pilots’ task related and task-unrelated thought. *Human Factors: The Journal of the Human Factors and Ergonomics Society, 56*(3), 433–442. doi:10.1177/0018720813501550
- Schooler, J.W., Mrazek M.D., Franklin, M. S., Baird B., Mooneyham, B. W., Zedelius, C., & Broadway, J. M. (2014). The middle way: Finding the balance between mindfulness and mind-wandering. *Psychology of Learning and Motivation, 60*, 1-33.
- Baird, B., Smallwood, J., Lutz, A., Schooler, J. W. (2014). The decoupled mind: Mindwandering disrupts cortical phase-locking to perceptual events. *Journal of Cognitive Neuroscience, 26*(11), 2596-2607. doi: 10.1162/jocn_a_00656
- Mrazek, M. D., Broadway, J. M., Phillips, D. T., Franklin, M. S., Mooneyham, B. W., & Schooler, J. W. (2014). An antidote for wandering minds. *The Wiley Blackwell Handbook of Mindfulness, 153*.
- Mrazek, M. D., Mooneyham, B. W., & Schooler, J. W. (2014). Insights from quiet minds: The converging fields of mindfulness and mind-wandering. *Meditation–Neuroscientific*

Approaches and Philosophical Implications. 227-241. Springer International Publishing.

- Smallwood, J., Gorgolewski K. J., Golchert J., Ruby F. J. M., Engen H. G., Baird B., Vinski, M., Schooler, J.W., & Margulies, D. (2013). The default modes of reading: Modulation of posterior cingulate and medial prefrontal cortex connectivity associated with subjective and objective differences in reading experience. *Frontiers in Human Neuroscience*. 7:734.
- Franklin, M. S., Broadway J. M., Mrazek M. D., Smallwood J., & Schooler J. W. (2013). Window to the wandering mind: Pupillometry of spontaneous thought while reading. *The Quarterly Journal of Experimental Psychology*, 66(12), 2289-2294. doi:10.1080/17470218.2013.858170
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INVITED PRESENTATIONS AND DEPARTMENTAL COLLOQUIA (last 14 years)

- Reconsidering the mind from the inside out: The science of mind-wandering illuminates the value of first person data, Keynote speaker: Champalimaud Research Retreat Lisbon, Portugal (June 2016)
 “Considering Oliver Sacks”, Invited panelist: UCSB panel (May 2016)
- Lost in the Clouds: The Costs, Benefits, and Regulation of Mind Wandering, Invited Speaker
 University of California San Francisco (April, 2016)
- Talk American Educational Research Association, Washington DC, Covert measures detecting mind-wandering during reading, with Broadway, Zedelius (April 2016)
- What science tells us about the belief in free will, Invited Speaker: Consciousness and the Minds I, Brussels (December 2015)
- Bridging the Subjective/Objective Divide: Trust but Verify, Invited speaker-How can subjective data inform a science of consciousness? Sorbonne University, Paris (October, 2015)
- Invited panelist Annual Neuroleadership Institute Summit, New York NY (November 2015)
- Using Technology to Illuminate and Foster Consciousness, Invited Speaker, Consciousness Hacking, San Francisco (August, 2015)
- Could an additional dimensions of time provide a meta-perspective for bridging science and experience? Talk Foundation of mind, Berkeley (August 2015)
- Stepping into the Future: Speculations on the Subjective Dimension of Time, Keynote speaker, Science of Prospection Awards Retreat, Philadelphia PA (August 2015)

Mind wandering across occupations: A generative source of inspiration but also a dangerous cause of distraction, Invited speaker the Society for Applied Research in Memory and Cognition, Victoria Canada (June 2015)

Lost in the Clouds: The Costs, Benefits, and Regulation of Mind Wandering, Invited speaker UC San Diego (May 2015)

3 rs of Mind Wandering: Ramifications, Rewards, and Regulation, Keynote speaker, Annual Cal State University San Marcos Student Research Festival (April 2015)

Pushing the Limits of Cognitive and Neuroplasticity: Assessing a Six-Week Comprehensive Training Program w/ Michael Mrazek, Ben Mooneyham, Katia Mrazek, Invited Speaker International Convention on Psychological Science, Amsterdam (March 2015)

3 rs of Mind Wandering: Ramifications, Rewards, and Regulation: Invited Speaker York University (March 2015)

When the Muse Strikes: Ideas of Physicists and Writers Regularly Occur During Episodes of Mind Wandering, Talk Meeting of the Society for Experimental and Social Psychology, Long Beach CA (Feb 2015)

Lost in the Clouds: The Costs and Benefits of Mind Wandering Talk SPSP pre-conference Long Beach, CA (Feb 2015)

The Middle Way: Finding the Balance between Mindfulness and Mind Wandering, Invited Speaker Drexel University (Nov 2014)

The Middle Way: Finding the Balance between Mindfulness and Mind Wandering, Invited speaker Hamilton College (November 2014)

The Middle Way: Finding the Balance between Mindfulness and Mind Wandering, Invited Speaker UC Davis (October 2014)

Getting to Aha, Invited speaker Institute of peace, Washington DC (September 2014)

Dyslexia Beyond Reading: Memory, Cognition, Expertise, and Innovation - A Scientific Symposium (2014) Invited address University of California, San Francisco

Annual meeting of the Society for Personality and Social Psychology, poster presentation, Austin, Texas (February 2014)

Annual meeting of the Psychonomic Society, Invited presentation, Toronto, Canada (November 2013)

Mind Series, (2013) Invited public lecture Zurich Switzerland

First Annual Meeting of the Herbert Simon Society (2013), Conclusive Key Speech, New York University of Calgary, (2013) Annual Distinguished Lecture in Psychology Calgary

The Canadian Society for Brain, Behaviour and Cognitive Science (2013) Invited address, Calgary

SUNY 'Conversations in the Disciplines', Workshop on Creativity and Innovation (2013) Invited address, New York

University of Bordeaux, France Invited public lecture. (October 2013).

First Person Methods Workshop (2012), Invited Address, Tuebingen Germany

Canadian Society for Brain, Behavior, and Cognitive Science (2012), Invited Address Kingston Association for Psychological Science (2012) Invited Address, Chicago

Washington University (2012) Colloquium

University of Utrecht (2012) Invited Workshop

University of Maryland (2011) Colloquium

American Speech Language Hearing Association (2011) Invited Address, San Diego, CA
 San Marino Symposium on "Brain, Mind and Language" (2011) Invited Address, San Marino Italy
 Society for Scientific Exploration (2011) Invited Address, Boulder
 University of Washington Medical School (2011)
 Society for Applied Research in Memory and Cognition (2011) Plenary Address, New York
 Sage Foundation meeting on the Unconscious, (2011), Invited presentation, New York
 Templeton Foundation meeting on Mental Control (2011), Invited presentation Santa Monica, CA
 Neuroleadership Summit (2011), Invited Address, Boston MA
 Harvard (2011)
 University of Missouri (2011)
 Templeton Foundation Advisory Board Meeting (2010), Invited presentation, New York
 Economist Innovation Summit, (2010) "Flash of Genius" presentation, Berkeley California
 American Psychological Association (2010) Invited Address, San Diego California
 Towards a Science of Consciousness, (2010), Plenary Address, Tucson Arizona
 University of California San Diego (2010)
 University of Santa Barbara, California, Summer Institute in Cognitive Neuroscience (2009)
 Towards a Science of Consciousness Plenary Address Hong Kong, China, (2009)
 University of California Los Angeles (2009)
 Bell Performing Arts Centre, address seminar for Alzheimer's Society of BC (2009)
 University of San Diego, Workshop sponsored by Swartz Foundation California (2009)
 Claremont College (2008)
 Banf Annual Seminar in Cognition (2008) Invited Speaker
 Lake Ontario Visionary Establishment (2008) Invited Speaker
 Dartmouth College (2007)
 Ohio University (2007)
 University of Aberdeen (2007)
 Leeds University (2007)
 University of Victoria (2006)
 Tufts University (2006)
 University of California Santa Barbara (2006)
 Association for Psychological Science (2006) Invited Talk
 Mind and Life Institute Workshop on Psychology and Buddhism (Faculty), 2006
 Yale University (2006)
 California State University (2006)
 Japanese Psychological Association (2005) Invited Address.
 University of Hokaido (2005)
 Annual Meeting of the Association of Philosophy and Psychology 2005, Wake Forest University
 (Invited Symposium)
 Mind and Life Workshop (2005) Invited talk
 Northwestern University (2005)
 Simon Frasier University (2005)
 Brain and its Self, Washington, St. Louis (2004)
 Chief of Navel Operations Strategic Study Group (2004)

Advanced Interdisciplinary Workshop on Constructive Memory: Data and Models (2003)
 Invited Talk, Bulgaria
 European Association for Philosophy and Psychology (2003) Invited address, Turin, Italy
 Meeting of the Society for Naturalistic Decision Making, (2003) Special Guest Speaker,
 Pensacola FL
 LaSalle University (2003), Philadelphia
 Sydney Symposia on Affect and Cognition (2003), invited closing comments
 University of British Columbia (2003)
 University of Otago (2003)
 San Francisco State University (2002)
 University of California, Berkeley (2002)
 Macquarie University, Australia (2002)
 University of New South Wales, Australia (2002)
 University of North Carolina, Greensborough (2002)
 Association for the Scientific Study of Consciousness, Plenary Address (2002)
 Tsukuba International Conference on Memory, Invited speaker (2002), Tsukuba Japan
 Cornell (2002)
 Dartmouth meeting on Social Cognitive Neuroscience (2001)
 UCLA meeting on Social Cognitive Neuroscience (2001)
 University of Waterloo (2001)
 City University (2001)
 New York University (2001)
 First-Person Methods in a Science of Consciousness Workshop, (2000) Invited Speaker
 Positive Psychology Summit, (2000) Washington D.C.
 Brown University (2000)
 Northwestern Cognition and Memory Conference (2000) Plenary Address
 Carnegie Mellon University (2000)
 University of British Columbia (2000)
 Harvard University (2000)
 Western Psychological Association (2000), Invited symposium speaker
 University of California, Riverside (2000)
 University of Oregon (2000)
 Towards a Science of Consciousness (2000) Plenary Address, Tucson, AZ

CONSULTING

NASA (2011-present)
 Exploratorium Science Museum (1998-present)
 Institute of Noetic Science (2010-present)
 Munich Leadership Group (2011)
 Templeton Foundation (2011) Co-organizer of workshop on mental control, Santa Monica, CA
 Exeter leadership group (2011) Co-organizer of a workshop on neuro-leadership, Reykjavik,
 Iceland

Noomii web based life coaching (2006- present)
 Memory Consultant, Junction Dance Studio's production of "Forget Everything" (2003)
 The Learning Channel (2000)
 Court Television (2000)
 Mind Brain Body & Health Initiative (2000)
 The Coca-Cola Corporation (1999-2001)
 The Unilever Corporation (1998-2001)
 The International Society for Traumatic Stress Studies (1997-98), Contributor to: *Childhood Trauma Remembered: A report on the Current Scientific Knowledge Base and its Applications*
 The Exploratorium Science Museum, San Francisco (1997-present), Contributor to "Memory" exhibit.
 Expert witness on eyewitness testimony (1993-present), consulted on approximately 25 cases, testified on approximately 20 cases.

RECENT MEDIA COVERAGE (w/ links)

New York Magazine

It's Healthy to Let Your Mind Wander

<http://nymag.com/scienceofus/2015/04/healthy-to-let-your-mind-wander.html>

The Wall Street Journal

When Daydreaming becomes a Problem (May 09, 2016)

<http://www.wsj.com/articles/when-daydreaming-becomes-a-problem-1462818328>

Healio

Mobile Therapy system monitors patients' progress, improves practice management

<http://www.healio.com/psychiatry/practice-management/news/online/%7B90b2c90f-0d1843cb-a6fb-5c864f610142%7D/mobile-therapy-system-monitors-patients-progress-improvespractice-management>

Tech Cocktail

4 Reasons to Not Feel Guilty about Taking Breaks <http://tech.co/upjoy-breaks-happiness-app-2014-08>

Tech Times

Sit quietly or get electrocuted? See what men prefer

<http://www.techtimes.com/articles/9831/20140709/sit-quietly-or-electric-shocks-see-whatmen-prefer.htm>

Space Daily

Staying On Task in the Automated Cockpit May
11, 2014

[http://www.spacedaily.com/reports/Staying On Task in the Automated Cockpit 999.html](http://www.spacedaily.com/reports/Staying_On_Task_in_the_Automated_Cockpit_999.html)

ECN Magazine

Staying on task in the automated cockpit

<http://www.ecnmag.com/news/2014/05/staying-task-automated-cockpit>

Daily Free Press, Atlanta Black Star, Indian Express

Meditation can boost test scores, study suggests

<http://dailyfreepress.com/2013/04/08/meditation-can-boost-test-scores-study-suggests/>

HT Health

Meditation May Boost Test Scores

<http://health.heraldtribune.com/2013/04/05/meditation-may-boost-test-scores/>

Time Magazine

Can 'Mindfulness' Help You Focus?

<http://ideas.time.com/2013/03/27/can-mindfulness-help-you-focus/>

CNN

Daydream believer: Is a wandering mind a creative mind?

<http://www.cnn.com/2013/10/30/business/daydream-believer-is-a-wandering/>

APS Daily Observations

APS Journal Seeks Labs to Participate in First Replication Report Project

<http://www.psychologicalscience.org/index.php/publications/observer/obsonline/aps-journalseeks-labs-to-participate-in-first-registered-replication-report-project.html>

Huffington Post

Is Mindfulness Harmful? (January 15, 2014)

http://www.huffingtonpost.com/dr-judson-brewer/mindfulness-practice_b_4602714.html

Mindfulness Could Improve College Students' Testing Ability, Study Finds

http://www.huffingtonpost.com/2013/03/27/mindfulness-testing-focus-readingcomprehension_n_2957146.html

10 Important Reasons to Start Making Time for Silence, Rest and Solitude

http://www.huffingtonpost.com/thai-nguyen/10-important-reasons-to-s_b_6035662.html

The Best-Kept Secrets to Exceptional Productivity (August 04, 2014)

http://www.huffingtonpost.com/emma-seppala-phd/the-bestkept-secrets-to-e_b_5404937.html

BBC

The Creative Brain: How Insight Works (T.V. Special)

<http://www.youtube.com/watch?v=C2L0t-EN2Yo>

Nature Magazine

Metascience could rescue the 'replication crisis'

<http://www.nature.com/news/metascience-could-rescue-the-replication-crisis-1.16275>

Why great ideas come when you aren't trying (May 21, 2012)

<http://www.nature.com/news/why-great-ideas-come-when-you-aren-t-trying-1.10678>

Washington Post

There's a scientific reason New Year's Eve is generally terrible. (Dec 31, 2015)

<https://www.washingtonpost.com/news/wonk/wp/2015/12/31/theres-a-scientific-reason-new-years-eve-is-generally-terrible/>

Many scientific studies can't be replicated. That's a problem. (Aug 27, 2015)

<https://www.washingtonpost.com/news/speaking-of-science/wp/2015/08/27/trouble-in-sciencemassive-effort-to-reproduce-100-experimental-results-succeeds-only-36-times/>

Too much happiness can make you unhappy, studies show. (April 2 2012)

http://www.washingtonpost.com/national/health-science/too-much-happiness-can-make-youunhappy-studies-show/2012/04/02/gIQACELLS_story.html?socialreader_check=0&denied=1

Science Magazine

Psychology's Bold Initiative (March 30, 2012)

<http://www.sciencemag.org/content/335/6076/1558.summary>

National Public Radio / Radiolab

Cosmic Habituation (May 2011)

<http://www.radiolab.org/blogs/radiolab-blog/2011/may/03/cosmic-habitation/>

The New Yorker

Actually, People Still Like to Think

<http://www.newyorker.com/tech/elements/thinking-alone>

The Hazards of Going on Autopilot (September 04, 2014)

<http://www.newyorker.com/science/maria-konnikova/hazards-automation>

The Virtues of Day Dreaming (June 2, 2012)

<http://www.newyorker.com/online/blogs/frontal-cortex/2012/06/the-virtues-ofdaydreaming.html?printable=true>

The Truth Wears Off (December 13, 2010)

http://www.newyorker.com/reporting/2010/12/13/101213fa_fact_lehrer

Annals of Science, “The Eureka Hunt” (July 28, 2008)

http://www.newyorker.com/reporting/2008/07/28/080728fa_fact_lehrer

The New York Times

Out with the Old (May 12, 2016)

http://well.blogs.nytimes.com/2016/05/12/out-with-the-old/?_r=2

Psychologists Welcome Analysis Casting Doubt on Their Work (Aug. 28, 2015)

http://www.nytimes.com/2015/08/29/science/psychologists-welcome-analysis-casting-doubton-their-work.html?_r=0

Breathing In vs. Spacing Out (Jan. 14, 2014)

http://www.nytimes.com/2014/01/19/magazine/breathing-in-vs-spacing-out.html?_r=0

The Myth of Just do It

<http://opinionator.blogs.nytimes.com/2013/06/09/the-myth-of-just-do-it/>

How Meditation Might Boost Your Test Score

<http://well.blogs.nytimes.com/2013/04/03/how-meditation-might-boost-your-test-scores/>

Vacation Sabotage: Don't Let It Happen to You! (June 29 2012)

<http://travel.nytimes.com/2012/07/01/travel/vacation-sabotage-dont-let-it-happen-toyou.html?ref=travel>

Disruptions: Resolved in 2012: To Enjoy the View Without Help From an iPhone (January 1, 2012) [http://bits.blogs.nytimes.com/2012/01/01/resolved-in-2012-to-enjoy-the-view-without-help-from-aniphone/?scp=3&sq=jonathan schooler&st=cse](http://bits.blogs.nytimes.com/2012/01/01/resolved-in-2012-to-enjoy-the-view-without-help-from-aniphone/?scp=3&sq=jonathan%20schooler&st=cse)

Addressing the Bias Problem (January 07, 2011)
<http://www.nytimes.com/roomfordebate/2011/01/06/the-esp-study-when-science-goes-psychic/addressing-the-systemic-bias-problem>

Fraud Case Seen as a Red Flag for Psychology Research (November 2, 2011)
<http://www.nytimes.com/2011/11/03/health/research/noted-dutch-psychologist-stapel-accused-ofresearch-fraud.html?scp=1&sq=Jonathan%20schooler&st=cse>

Is Neuroscience the Death of Free Will? (November 13, 2011)
[http://opinionator.blogs.nytimes.com/2011/11/13/is-neuroscience-the-death-of-freewill/?scp=4&sq=jonathan schooler&st=cse](http://opinionator.blogs.nytimes.com/2011/11/13/is-neuroscience-the-death-of-freewill/?scp=4&sq=jonathan%20schooler&st=cse)

Do You Have Free Will? Yes, It's the Only Choice (March 11, 2011)
[http://www.nytimes.com/2011/03/22/science/22tier.html?_r=1&scp=12&sq=jonathan schooler&st=cse](http://www.nytimes.com/2011/03/22/science/22tier.html?_r=1&scp=12&sq=jonathan%20schooler&st=cse)

When the Mind Wanders, Happiness Also Strays (November 15, 2010)
[http://www.nytimes.com/2010/11/16/science/16tier.html?scp=14&sq=jonathan schooler&st=cse](http://www.nytimes.com/2010/11/16/science/16tier.html?scp=14&sq=jonathan%20schooler&st=cse)

Tracing the Spark of Creative Problem-Solving (December 6, 2010)
<http://www.nytimes.com/2010/12/07/science/07brain.html?scp=13&sq=jonathan%20schooler&st=cse>

Discovering the virtues of a wandering mind, (June 28 2010)
http://www.nytimes.com/2010/06/29/science/29tier.html?_r=1&src=me&ref=general

Behavior: An absence of free will, a tendency to cheat (February 19, 2008)
[http://www.nytimes.com/2008/02/19/health/19beha.html?_r=1&scp=1&sq=jonathan schooler&st=cse&oref=slogin](http://www.nytimes.com/2008/02/19/health/19beha.html?_r=1&scp=1&sq=jonathan%20schooler&st=cse&oref=slogin)

The unconscious mind: A great decision maker (February 21, 2006)
[http://www.nytimes.com/2006/02/21/health/psychology/21deci.html?scp=2&sq=jonathan schooler&st=cse](http://www.nytimes.com/2006/02/21/health/psychology/21deci.html?scp=2&sq=jonathan%20schooler&st=cse)

New Scientist

Is your attention span normal? (September 30, 2015)

<https://www.newscientist.com/article/mg22830410-400-is-your-attention-span-normal/>

Daydream your way to creativity (June 18, 2012)

<http://www.newscientist.com/article/mg21428691.900-daydream-your-way-to-creativity.html>

The subconscious mind: Your unsung hero (December 1, 2007)

<http://www.newscientist.com/article.ns?id=mg19626321.400>

I had a hunch (September 5, 1998)

<http://www.newscientist.com/article/mg15921505.800-i-had-a-hunch.html>

Los Angeles Times

An Idle brain may be the self's workshop (August 30, 2010) <http://www.latimes.com/health/la-he-brain-20100830,0,2743109,full.story>

Scientific American

Mindfulness May Improve Your Test Scores (Podcast) (March 28, 2013)

<http://www.scientificamerican.com/podcast/episode.cfm?id=mindfulness-may-improve-test-scores-1303-28>

Living in a Dream World: The Role of Daydreaming in Problem-Solving and Creativity (March/April 2011)

<http://www.scientificamerican.com/article.cfm?id=living-in-a-dream-world>

Scientists say probably doesn't exist, but urge: "Don't stop believing!" (Apr 6, 2010)

<http://www.scientificamerican.com/blog/post.cfm?id=scientists-say-free-will-probably-d-2010-04-06>

Free Will versus the Programmed Brain (August 19, 2008)

<http://www.scientificamerican.com/article.cfm?id=free-will-vs-programmed-brain>

Wired Magazine

Social Science Is Busted. But the NIH Has a Plan that Could Fix It (November 23, 2016)

<https://www.wired.com/2016/11/social-science-busted-nih-plan-fix/>

The Importance of Mind-Wandering (October 25, 2011)

<http://www.wired.com/2011/10/the-importance-of-mind-wandering/>

We are all talk radio hosts (August 5, 2010)

<http://www.wired.com/2010/08/we-are-all-talk-radio-hosts/>

Clive Thompson on Why Idling Mind Is the Mother of Invention (October 19, 2009)

http://www.wired.com/magazine/2009/10/st_thompson/

Discover Magazine

The Brain Stop Paying Attention: Zoning Out Is a Crucial Mental State (June 15, 2009)

<http://discovermagazine.com/2009/jul-aug/15-brain-stop-paying-attention-zoning-out-crucial-mentalstate>

Psychology Today

Mind Wandering Enhances Creative Problem Solving (April 19, 2010)

<http://www.psychologytoday.com/blog/the-power-of-daydreaming/201004/mind-wandering-enhances-creative-problem-solving>

USA Today

Scientists pay attention to wandering minds (March 20, 2007)

http://www.usatoday.com/tech/science/genetics/2007-03-19-attention-span_N.htm

The Boston Globe

Daydream achiever: A wandering mind can do important work, scientists are learning - and may even be essential (August 31, 2008)

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