

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

Department of Psychological & Brain Sciences  
University of California, Santa Barbara  
Santa Barbara, CA 93106-9660  
Email: [schooler@psych.ucsb.edu](mailto:schooler@psych.ucsb.edu)  
Website: [labs.psych.ucsb.edu/schooler/jonathan/](http://labs.psych.ucsb.edu/schooler/jonathan/)  
Phone: (805) 453-0557  
Fax: (805) 893-4303

***EDUCATION***

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

***PROFESSIONAL EXPERIENCE***

Acting Director, SAGE Center for the Study for the Mind (2023-present)  
Distinguished Professor of Psychological and Brain Sciences, (2021)  
Professor of Psychological and Brain Sciences, University of California, Santa Barbara (2007-2021)  
Director, Center for Mindfulness and Human Potential, UCSB (2016-present)  
Visiting Scholar, Harvard University (2018-2019)  
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***

Clarivate Analytics Web of Science™ Highly Cited Researcher (2024)  
46th in the World in Cognitive Psychology, Ranked by ScholarGPS (2022)  
Clarivate Analytics Web of Science™ Highly Cited Researcher (2023)

Clarivate Analytics Web of Science™ Highly Cited Researcher (2022)  
 Clarivate Analytics Web of Science™ Highly Cited Researcher (2021)  
 Clarivate Analytics Web of Science™ Highly Cited Researcher (2020)  
 International Visiting Scholar, Peter Wall Institute for Advanced Studies (2019)  
 Altimetrics 2019 Top 100 awarded to (Protzko & Schooler, 2019)  
 Clarivate Analytics Web of Science™ Highly Cited Researcher (2018)  
 Clarivate Analytics Web of Science™ Highly Cited Researcher (2017)  
 Fellow Society for Personality and Social Psychology (2011)  
 Fellow Association for Psychological Science (2006)  
 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**

Wake Forest University (2024) *The Development of an Open-Source App for Enhancing Curiosity and Its Associated Virtues*, \$49,898.  
 Templeton Religious Trust (2024) *Art-induced Openness: Contexts and Mechanisms Underlying the Cognitive Effects of Art*, \$999,904.  
 Templeton Religious Trust (2022-2023) *Expanding minds: The Cognitive Processes Promoted By Exposure to Art*, \$233,814.  
 Gautham Bodepudi (2023-2024) *Agnihotra Research Fund*, \$180,000.  
 Worthe Family Foundation (2022-present) \$300,000  
 Institute of Education Sciences (2022-2024) *Enhancing Learning by Reducing Distraction*, \$1,997,787.  
 Bial Foundation (2021-2023) *Dynamics of meditation: the influence of intensive shamatha training on posture, perception, endogenous neural activity, and predictive anticipatory activity during meditation*. € 45,000  
 Gretler Foundation (2020-present) \$110,000  
 William and Charlene Glikbarg Foundation (2020-present) \$40,000  
 Natalie Orfalea Foundation (2020) \$2,500  
 Howard and Lisa Wenger (2020) \$5,000  
 Bower Foundation (2019) *Center for Mindfulness and Human Potential*, \$20,000.  
 Gretler Foundation (2019) *Center for Mindfulness and Human Potential*, \$70,000 (over 2 years).  
 Glikbarg Foundation (2019) *Center for Mindfulness and Human Potential*, \$10,000.  
 Glikbarg Foundation (2019) *Center for Mindfulness and Human Potential*, \$5,000.  
 Anonymous Donation (2019) *Theoretical and Neural Causation Lab*, \$40,000  
 Howard and Lisa Wenger (2018) *Center for Mindfulness and Human Potential*, \$22,000.  
 Jeff and Kristin Worthe (2018) *Center for Mindfulness and Human Potential*, \$50,000.

- 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) *Occulomotor attention training study*, \$37,717.
- National Philanthropic Trust (2015-2017) *The benefits of creative day-dreaming for creativity and creative writing*, \$199,486.
- Office of the Executive Vice Chancellor (2015) *Gaucha U for The Center of Mindfulness & Human Potential*, \$1,200.
- John Templeton Foundation (2014-2017) *Ruling the mind: The synergistic effects of mindsets and mental control training*, \$915,989.
- Anonymous Donation (2013) *Anomalous Cognition*, \$37,952.
- 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 wi/ 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: 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**

- Nosek, B., Schooler, J. Krosnick, J., Nelson, L., & Walleczek, J., (2019) *Metascience 2019*, Palo Alto Ca, Funding Source; Fetzer Franklin Fund \$350,000.
- 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 (Fellow)
- 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**

- 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***

University Lancaster Dissertation Awards Committee (2022-2023)  
 University Graduate Division Dissertation Fellowship Committee (2022-2023)  
 University Senate Undergraduate Council (2020-2023)  
 University Senate Committee on Outstanding Teaching Assistants (2020-2021)  
 University Senate Graduate Council (2020-present)  
 Psychological and Brain Sciences, Personnel Committee (2020)  
 Psychological and Brain Sciences, Development Committee (2020-2023)  
 University Senate Undergraduate Council (2017-2018)  
 Psychological and Brain Sciences, Evaluation Committee (2019-2020)  
 Psychological and Brain Sciences, Graduate Affairs Committee (2009-2010, 2019-present)  
 Psychological and Brain Sciences, Personnel Committee (2015)  
 University Senate Committee on Courses and General Education (2013-2017)  
 Psychological and Brain Sciences Subject Pool Committee Coordinator, UCSB (2012)  
 Psychological and Brain Sciences Subject Pool Committee-member, UCSB (2010-2012)  
 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)  
 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***

Action Editor (2020-2024) *PNAS*  
 Co-editor (2024) *Frontiers in Human Neuroscience*  
 Guest Editor (2013-2014) *Proceedings of the National Academy of Science*  
 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 Science*

#### ***Editorial Boards***

*Journal of Anomalous Experience and Cognition* (2020-present)

*Psychology of Consciousness: Theory Research and Practice* (2015-present)

*Journal of Imagination, Cognition and Personality* (2009-present)

*Encyclopedia of Consciousness*, Elsevier/Academic Press (2008-present)

*Consciousness and Cognition* (2005-present)

*Social Cognitive and Affective Neuroscience* (2005-2012)

*Psychological Science* (2002-2003)

*Consciousness and Cognition* (1998-Present)

*Applied Cognitive Psychology* (1997-2006)

*Memory and Cognition* (1994-1998)

### **ADVISORY BOARDS**

Institute of Noetic Science

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. National Institute of Mental Health; Science of Prospection Steering Committee, Templeton Foundation.

*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  
Daniel Wegner Theoretical Innovation Prize Committee (2017,2018, Chair 2017) Society for  
Experimental and Social Psychology  
Cialdini Prize Committee (2017,2018), Society for Experimental and Social Psychology

**BOOKS**

Zedelius, C. M., Müller, B. C. N., & Schooler, J. W. (Eds.) (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**

Garg, A., Shelat, S., Gross, M. E., Smallwood, J., Seli, P., Taxali, A., ... & Schooler, J. W. (2025). Opening the black box: Think Aloud as a method to study the spontaneous stream of consciousness. *Consciousness and Cognition*. <https://doi.org/10.1016/j.concog.2025.103815>

Gross, M. E., & Schooler, J. W. (2025). Smartphone-based program for enhancing curiosity and its associated virtues: a randomized waitlist-controlled pilot study. *The Journal of Positive Psychology*, 1–14. <https://doi.org/10.1080/17439760.2025.2500566>

Gross, M. E. & Schooler, J.W. (2025). The cognitive processes promoted by exposure to art. In Brewer, C. (Ed.). *Art Seeking Understanding*. [https://drive.google.com/file/d/1gyqgSiWbDfEcOta6e7Z9UnLvteNHfQA/view?usp=drive\\_link](https://drive.google.com/file/d/1gyqgSiWbDfEcOta6e7Z9UnLvteNHfQA/view?usp=drive_link)

Ortega, J. R., Gross, M.E., Schooler, J.W. (2025). When life is but a dream: Transliminality predicts continuity in bizarreness across the sleep-wake cycle. *Philosophy and Mind Sciences* [https://drive.google.com/file/d/12dZWFRVc2KU\\_PQZwyrhBYOZzCYaAY1nw/view?usp=sharing](https://drive.google.com/file/d/12dZWFRVc2KU_PQZwyrhBYOZzCYaAY1nw/view?usp=sharing)

- Brosowsky, N., Gross, M.E., Schooler, J.W., & Seli, P. (2024). Jumping about: the role of mind wandering and attentional flexibility in facilitating creative problem-solving. In Salvi, C., Smith, S., and Wiley, J., (eds.), *The Emergence of Insight*. Cambridge University Press. [https://drive.google.com/file/d/1KuXRTmzoUveb4CIERe8LA\\_DOYIGj39No/view?usp=sharing](https://drive.google.com/file/d/1KuXRTmzoUveb4CIERe8LA_DOYIGj39No/view?usp=sharing)
- Casedas, L., Schooler, J.W., Lupiáñez, J. (2024) An Integrative Mechanistic Framework for Mindfulness-Induced Cognitive Change. *Nature Reviews Psychology* <https://doi.org/10.1038/s44159-024-00374-1>
- Dawson, C., Julku, H., Pihlajamäki, M., Kaakinen, J. K., Schooler, J. W., & Simola, J. (2024). Evidence-based scientific thinking and decision-making in everyday life. *Cognitive Research: Principles and Implications*, 9(1), 50. <https://doi.org/10.1186/s41235-024-00578-2>
- Gross, M., Raynes, S., Schooler, J. W., Guo, E., & Dobkins, K. (2024). When is a wandering mind unhappy? The role of thought valence.. Emotion. Advance online publication. <https://doi.org/10.1037/emo0001434>
- Gross\*, M.E., Elliott\*, J., & Schooler, J.W. (2024). Why creatives don't find the oddball odd: Neural and psychological evidence for atypical salience processing. *Brain and Cognition*. <https://doi.org/10.1016/j.bandc.2024.106178>
- Gross, M. E., & Schooler, J. W. (2024). Standing out: An atypical salience account of creativity. *Trends in Cognitive Sciences*. <https://doi.org/10.1016/j.tics.2024.04.013>
- Hunt, T., Jones, M., McFadden, J., Delorme, A., Hales, C. G., Ericson, M., & Schooler, J. (2024). Editorial: Electromagnetic field theories of consciousness: opportunities and obstacles. *Frontiers in Human Neuroscience*, 17, 1342634. <http://dx.doi.org/10.3389/fnhum.2023.1342634>
- Parker, A., Schooler, J. W. (2024). Meditation and its effects on emotion regulation: The moderating role of trait mindfulness in short vs long-term interventions *Journal of Integrated Social Sciences*
- Richelle, J., Dow, B. R., Pasch, A. M., Schooler, J. W., Mrazek, M. D., & Mrazek, A. J. (2024). Digital Attention Training: Improving the Mental Health and Well-Being of Adolescent Youth. *Creative Education*, 15, 2151-2173. <https://doi.org/10.4236/ce.2024.1510132>
- Riddle, J., & Schooler, J. W. (2024). Hierarchical consciousness: the Nested Observer Windows model. *Neuroscience of Consciousness*, 2024(1), niae010. <https://doi.org/10.1093/nc/niae010>



- Schooler, J.W., Riddle, J. (2024). Three dimensions of time: An approach for reconciling the discrepancy between experienced time and modern physics. *Possibility Studies & Society* <https://doi.org/10.1177/27538699241288704>
- Schooler, J.W., Gross, M.E., Zedelius, C., & Seli, P. (2024). Mind wondering: Curious daydreaming and other potentially inspiring forms of mind wandering? In Salvi, C., Smith, S., and Wiley, J., (eds.), *The Emergence of Insight*. Cambridge University Press. <https://drive.google.com/file/d/1hhr1y9-hDeaVtxjCzzq3G8hB0pFJjR9X/view?usp=sharing>
- Shelat, S., Schooler, J. W., & Giesbrecht, B. (2024). Predicting attentional lapses using response time speed in continuous performance tasks. *Frontiers in Cognition*, 3, 1460349. <https://doi.org/10.3389/fcogn.2024.1460349>
- Topete, A., He, C., Protzko, J., Schooler, J., & Hegarty, M. (2024). How is GPS used? Understanding navigation system use and its relation to spatial ability. *Cognitive Research: Principles and implications*, 9(1), 16. <https://doi.org/10.1186/s41235-024-00545-x>
- Bellaiche, L., Smith, A. P., Barr, N., Christensen, A., Williams, C., Ragnhildstveit, A., ... & Seli, P. (2023). Back to the basics: Abstract painting as an index of creativity. *Creativity Research Journal*, 1-16. <https://doi.org/10.1080/10400419.2023.2243100>
- Laukkonen, R. E., Webb, M., Salvi, C., Tangen, J. M., Slagter, H. A., & Schooler, J. W. (2023). Insight and the selection of ideas. *Neuroscience & Biobehavioral Reviews*, 153(105363). <https://doi.org/10.1016/j.neubiorev.2023.105363>
- Protzko, J., Tobia, K., Strohminger, N., & Schooler, J. W. (2023). Do Obligations Follow the Mind or Body?. *Cognitive Science*, 47(7). <https://doi.org/10.1111/cogs.13317>
- Protzko, J., & Schooler, J. (2023). Moral contamination: Perceptions of good (but not bad) deeds depend on the ethical history of the actor. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.1025214>
- Protzko, J., & Schooler, J. W. (2023). What I didn't grow up with is dangerous: How personal experience impacts perceptions of what corrupts today's youth. *Frontiers in Psychology*, 14. <https://doi.org/10.31234/osf.io/35h7g>
- Protzko, J., Lundmark, S., Walleczek, J., & Schooler, J. W. (2023). Nonlinear effect amplification: Differential susceptibility of verbal overshadowing as a function of time to interference. *Journal of Applied Research in Memory and Cognition*. <https://doi.org/10.1037/mac0000084>

- Besika, A., Schooler, J. W., Verplanken, B., Mrazek, A. J., & Ihm, E. D. (2022). A relationship that makes life worth-living: levels of value orientation explain differences in meaning and life satisfaction. *Heliyon*, 8(1). <https://doi.org/10.1016/j.heliyon.2022.e08802>
- Gross, M. E., Martini, D., & Schooler, J. W. (2022). Can viewing films promote creative thinking? An experimental study highlighting the complex roles of personality and meaning making. *Creativity Research Journal*. <https://doi.org/10.1080/10400419.2022.2138040>
- Genschow, O., Cracco, E., Schneider, J., Protzko, J., Wisniewski, D., Brass, M., & Schooler, J. W. (2022). Manipulating belief in free will and its downstream consequences: A meta-analysis. *Personality and Social Psychology Review*. <https://doi.org/10.1177/10888683221087527>
- Hunt, T., Ericsson, M. & Schooler, J.W. (2022) Where's my consciousness-ometer? How to test for the presence and complexity of consciousness" *Perspectives in Psychological Science*, 17(4). <https://doi.org/10.1177/17456916211029942>
- Landry, A. P., Schooler, J. W., Willer, R., & Seli, P. (2022). Reducing Explicit Blatant Dehumanization by Correcting Exaggerated Meta-Perceptions. *Social Psychological and Personality Science*. <https://doi.org/10.1177/19485506221099146>
- Landry, A., Ihm, E., Protzko, J., & Schooler, J. (2022) Essentially subhuman: Psychological essentialism facilitates dehumanization. *Peace and Conflict: Journal of Peace Psychology*, 28(2), 167–176. <https://doi.org/10.1037/pac0000587>
- Laukkonen, R. E., Kaveladze, B. T., Protzko, J., Tangen, J. M., von Hippel, W., & Schooler, J.W. (2022). Irrelevant insights make worldviews ring true. *Scientific reports*, 12(1), 1-9. <https://doi.org/10.1038/s41598-022-05923-3>
- Merrill, B.M., Raiker, J.S., Mattfeld, A.T., Macphee, F.L., Ramos, M.C., Zhao, X., Altszuler, A.R., Schooler, J.W., Coxe, S., Gnagy, E.M. and Greiner, A.R. (2022). Mind-Wandering and Childhood ADHD: Experimental Manipulations across Laboratory and Naturalistic Settings. *Research on Child and Adolescent Psychopathology*, 1-11. <https://doi.org/10.1007/s10802-022-00912-6>
- Mrazek, A. J., Mrazek, M. D., Brown, C. S., Karimi, S. S., Ji, R. R., Ortega, J. R., Maul, A., Carr, P. C., Delegard, A. M., Kirk, A. C., & Schooler, J. W. (2022). Attention training improves the focus and emotional regulation of adolescents: A cluster-randomized trial across high schools. *Technology, Mind, and Behavior*, 3 <https://doi.org/10.1037/tmb0000092>
- Mrazek, A. J., Mrazek, M. D., Brown, C. S., Karimi, S. S., Ji, R. R., Ortega, J. R., Kirk, A. C., & Schooler, J.W. (2022). Attention Training Improves the Self-Reported Focus and Emotional Regulation of High School Students. <https://doi.org/10.1037/tmb0000092>

- Protzko, J., & Schooler, J. W. (2022). Who denigrates today's youth?: The role of age, implicit theories, and sharing the same negative Trait. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2022.723515>
- Zedelius, C., Gross, M.E., & Schooler, J.W. (2022) Inquisitive but Not Discerning: Deprivation Curiosity is Associated with Excessive Openness to Inaccurate Information *Journal of Research in Personality*. <https://doi.org/10.1016/j.jrp.2022.104227>
- Wießner I., Falchi M., Maia L.O., Daldegan-Bueno D., Palhano-Fontes F., Mason N.L., Ramaekers J.G., Gross M.E., Schooler J.W., Feilding A., Ribeiro S., Araujo D.B., & Tófoli L.F. (2022) LSD and creativity: Increased novelty and symbolic thinking, decreased utility and convergent thinking. *Journal of Psychopharmacology*, 36(3), 348359. <https://doi.org/10.1177/02698811211069113>
- Brosowsky, N. P., Murray, S., Schooler, J. W., & Seli, P. (2021). Thought dynamics under task demands: Evaluating the influence of task difficulty on unconstrained thought. *Journal of Experimental Psychology: Human Perception and Performance*, 47(9), 1298. <https://doi.org/10.1037/xhp0000944>
- Landry, A. P., Ihm, E., & Schooler, J. W. (2021). Filthy animals: integrating the behavioral immune system and disgust into a model of prophylactic dehumanization. *Evolutionary psychological science*, 8(2), 120-133. <http://dx.doi.org/10.1007/s40806-021-00296-8>
- Landry, A. P., Ihm, E., Kwit, S., & Schooler, J. W. (2021). Metadehumanization erodes democratic norms during the 2020 presidential election. *Analyses of Social Issues and Public Policy*, 21(1), 51-63. <https://doi.org/10.1111/asap.12253>
- Landry, A., Ihm, E., & Schooler, J. (2021) Hated but still human: Meta-dehumanization leads to greater hostility than meta-prejudice. *Group Processes & Intergroup Relations* <https://doi.org/10.1177/19485506221099146>
- Laukkonen, R.E., Ingledew, D.J., Grimmer, H.J., Schooler, J.W., & Tangen, J.M. (2021) Getting a grip on insight: real-time and embodied Aha experiences predict correct solutions, *Cognition and Emotion*, 35(5). <https://doi.org/10.1080/02699931.2021.1908230>
- Mrazek, A. J., Mrazek, M. D., Ortega, J. R., Ji, R. R., Karimi, S. S., Brown, C. S., ... & Schooler, J. W. (2021). Teenagers' smartphone use during homework: an analysis of beliefs and behaviors around digital multitasking. *Education Sciences*, 11(11), 713. <https://doi.org/10.3390/educsci11110713>
- Mrazek, A. J., Mrazek, M. D., Morseth, B. K., Mrazek, K. L., Mooneyham, B. W., Cole, S., & Schooler, J. W. (2021). Slaying the Hydra: Integrative Wellness Training Affects Ten Complementary Measures of Stress. *Psychoneuroimmunology Journal*, 2, 1–12. <https://doi.org/10.32371/pnij/246115>

- Mrazek, A.J., Mrazek, M.D., Carr, P.C., Deleard, A.M., Ding, M.G., Garcia, D.I., Greenstein, J.E., Kirk, A.C., Kodama, E.E., Krauss, M.J., Landry, A.P., Stokes, C.A., Wickens, K.D., Wong, K., & Schooler, J.W. (2020). The Feasibility of Attention Training for Reducing Mindwandering and Digital Multitasking in High Schools. *Education Sciences. Educ. Sci.* 2020, 10(8), 201; <https://doi.org/10.3390/educsci10080201>
- Zedelius, C. M., Protzko, J., Broadway, J. M., & Schooler, J. W. (2021). What Types of Daydreaming Predict Creativity? Laboratory and Experience Sampling Evidence. *Psychology of Aesthetics, Creativity, and the Arts*. <https://doi.org/10.1037/aca0000342>
- Visser, R.M., Anderson, M.C., Aron, A. Banich, M.T., Brady, K.T., Huys, Q., J.M, Monfils, M., Schiller, D. Schlagenhauf, F., Schooler, J.W., and Robbins, T.W. (2021). Neuropsychological Mechanisms of Intrusive Thinking. In P. W. Kalivas and M. P. Paulus (Eds.), *Intrusive Thinking: From Molecules to Free Will. Strüngmann Forum Reports, 30*, Cambridge, MA: MIT Press. <http://dx.doi.org/10.7551/mitpress/13875.003.0015>
- Gross, M. E., Zedelius, C. M., & Schooler, J. W. (2020). Cultivating an understanding of curiosity as a seed for creativity. *Current Opinion in Behavioral Sciences*. Elsevier Ltd. <https://doi.org/10.1016/j.cobeha.2020.07.015>
- Gross, M. E., Smith, A. P., Graveline, Y. M., Beaty, R. E., Schooler, J. W., & Seli, P. (2020). Comparing the phenomenological qualities of stimulus-independent thought, stimulus-dependent thought and dreams using experience sampling: Phenomenology of SIT, SDT, and dreams. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 376(1817). <https://doi.org/10.1098/rstb.2019.0694rstb20190694>
- Protzko, J., & Schooler, J. W. (2020). No relationship between researcher impact and replication effect: an analysis of five studies with 100 replications. *PeerJ*, 8, e8014. <https://doi.org/10.7717/peerj.8014>
- Murray, S., Krasich, K., Schooler, J. W., & Seli, P. (2020). What's in a Task? Complications in the Study of the Task-Unrelated-Thought Variety of Mind Wandering. *Perspectives on Psychological Science*, 15(3), 572-588. <https://doi.org/10.1177/1745691619897966>
- Laukkonen, R. E., Kaveladze, B. T., Tangen, J. M., & Schooler, J. W. (2020). The dark side of Eureka: Artificially induced Aha moments make facts feel true. *Cognition*, 196, 104122. <https://doi.org/10.1016/j.cognition.2019.104122>
- Cloughesy, J. N., Mrazek, A. J., Mrazek, M. D., & Schooler, J. W. (2020). Planning to Practice: Action and Coping Plans Increase Days of Meditation Practiced. *Psi Chi Journal of Psychological Research*, 25(2). <https://doi.org/10.24839/2325-7342.JN25.2.203>

- Mrazek, A. J., Mrazek, M. D., Maul, A., Mrazek, K. L., & Schooler, J. W. (2020). Taking charge: Characterizing the rapid development of self-regulation through intensive training. *Journal of Health Psychology*. <https://doi.org/10.1177/1359105320909856>
- Mrazek, A. J., Mrazek, M. D., Calcagnotto, L. A., Cloughesy, J. N., Holman, A. M., Masters-Waage, T. C., & Schooler, J. W. (2020). Familiarity, Attitudes, and Self-Regulatory Challenges Related to Mindfulness. *Mindfulness*, 1-8. <https://doi.org/10.1007/s12671-02001332-7>
- Turnbull, A., Karapanagiotidis, T., Wang, H. T., Bernhardt, B. C., Leech, R., Margulies, D., Schooler, J., Jefferies, E., & Smallwood, J. (2020). Reductions in task positive neural systems occur with the passage of time and are associated with changes in ongoing thought. *Scientific Reports*, 10(1), 1-10. <https://doi.org/10.1038/s41598-020-66698-z>
- Zedelius, C. M., & Schooler, J. W. (2020). Capturing the dynamics of creative daydreaming. *Creativity and the Wandering Mind* (pp. 55-72). Academic Press. <https://doi.org/10.1016/B978-0-12-816400-6.00003-1>
- Zedelius, C. M., Protzko, J., & Schooler, J. W. (2020). Lay Theories of the Wandering Mind: Control-Related Beliefs Predict Mind Wandering Rates in- and outside the Lab. *Personality and Social Psychology Bulletin*. <https://doi.org/10.1177/014616722094940>
- Ihm, E. D., Paloutzian, R. F., van Elk, M., & Schooler, J. W. (2019). Awe as a Meaning-Making Emotion: On the Evolution of Awe and the Origin of Religions. In J. Feierman & L. Oviedo (Eds.), *The Evolution of Religion: How Biology, Psychology, Theology and Culture Interact*. Springer.
- Schooler, J. W. (2019). Metascience: The Science of Doing Science. *Observer*, 32(9), 26-29.
- Hunt, T., & Schooler, J. W. (2019). The easy part of the Hard Problem: A resonance theory of consciousness. *Frontiers in Human Neuroscience*, 13, 378. <https://doi.org/10.3389/fnhum.2019.00378>
- Mrazek, A. J., Mrazek, M. D., Reese, J. V., Kirk, A. C., Gougis, L. J., Deleard, A. M., ... & Schooler, J. W. (2019). Mindfulness-Based Attention Training: Feasibility and Preliminary Outcomes of a Digital Course for High School Students. *Education Sciences*, 9(3), 230. <https://doi.org/10.3390/educsi9030230>
- Gross, M. E., Araujo, D. B., Zedelius, C. M., & Schooler, J. W. (2019). Is perception the missing link between creativity, curiosity and schizotypy? Evidence from spontaneous eye movements and responses to auditory oddball stimuli. *NeuroImage*, 202, 116-125. <https://doi.org/10.1016/j.neuroimage.2019.116125>
- Protzko, J., Zedelius, C. M., & Schooler, J. W. (2019). Rushing to Appear Virtuous: Time Pressure Increases Socially Desirable Responding. *Psychological Science*, 30(11), 1584-1591.

<https://doi.org/10.1177/0956797619867939>

- 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*, 30(3), 396-404. <https://doi.org/10.1177/0956797618820626>
- Dunne, J. D., Thompson, E., & Schooler, J. (2019). Mindful meta-awareness: sustained and nonpropositional. *Current Opinion in Psychology*, 28, 307-311. <https://doi.org/10.1016/j.copsyc.2019.07.003>
- <sup>1</sup>Protzko, J., & Schooler, J. W. (2019). Kids these days: Why the youth of today seem lacking. *Science Advances*, 5(10), eaav5916. <https://doi.org/10.1126/sciadv.aav5916>
- Zedelius, C. M., Mills, C., & Schooler, J. W. (2019). Beyond subjective judgments: Predicting evaluations of creative writing from computational linguistic features. *Behavior Research Methods*, 51(2), 879-894. <https://doi.org/10.3758/s13428-018-1137-1>
- 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*, 7(3), 1-15. <https://doi.org/10.1177/2167702611815464>
- 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. <https://doi.org/10.1016/j.neuroimage.2018.09.069>
- 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*, 28, 81-86. <https://doi.org/10.1016/j.copsyc.2018.11.012>
- 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. [https://doi.org/10.1007/978-3-319-97529-0\\_20](https://doi.org/10.1007/978-3-319-97529-0_20).
- 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

---

<sup>1</sup> Listed as one of the 100 most discussed scientific works of 2019: <https://www.altmetric.com/top100/2019/>



Well Clad. *Trends in Cognitive Sciences*, 22(11), 959–961.  
<https://doi.org/10.1016/j.tics.2018.07.007>

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.

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., Lerique, 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>

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](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. Papies (Ed.) *Mindfulness in Social Psychology*, 139-152. 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. <https://doi.org/10.1002/9781119095910.ch6>
- Protzko, J., Ouimette, B., & Schooler, J. (2016). Believing there is no free will corrupts intuitive cooperation. *Cognition*, 151, 6-9. <https://doi.org/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. [https://doi.org/10.1162/jocn\\_a\\_01066](https://doi.org/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. *Quarterly Journal of Experimental Psychology*, 60(6), 1053-1062. <https://doi.org/10.1080/17470218.2016.1216573>
- 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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1037/1073191116645910>
- Zedelius, C., & Schooler, J. (2016). The richness of inner experience: Relating styles of daydreaming to creative processes. *Frontiers in Psychology*, 6. <https://doi.org/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. <https://doi.org/10.3389/fpsyg.2015.00834>
- Lerner, N., Baldwin, C., Stephen Higgins, J., Lee, J., & Schooler, J. (2015). Mind wandering while driving: What does it mean and what do we do about it? *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 59, No. 1, pp. 1686-1690). SAGE Publications. <https://doi.org/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. *Journal of Cognitive Neuroscience*, 27(3), 440-452. [https://doi.org/10.1162/jocn\\_a\\_00741](https://doi.org/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. <https://doi.org/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, 668. <https://doi.org/10.3389/fpsyg.2015.00668>
- 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. <https://doi.org/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. <https://doi.org/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.

<https://doi.org/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. <https://doi.org/10.1073/pnas.1503093112>
- 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. <https://doi.org/10.1037/14341-005>
- 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. <https://doi.org/10.1146/annurev-psych-010814-015331>
- 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*. <https://doi.org/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*. <https://doi.org/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. <https://doi.org/10.1037/scp0000030>
- Shariff, A. F., Greene, J. D., Karremans, J. C., Luguri, J. B., Clark, C. J., Schooler, J. W., Baumeister, R. F., & Vohs, K. D. (2014). Free Will and Punishment: A Mechanistic View of Human Nature Reduces Retribution. *Psychological Science*, 25(8), 1563-1570. <https://doi.org/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. <https://doi.org/10.1177/1745691614547878>
- 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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1037/a0037222>
- Franklin, M. S., Mrazek, M. D., Anderson, C. L., Johnston, C., Smallwood, J., Kingstone, A., & Schooler, J. W. (2014). Tracking Distraction: The Relationship Between MindWandering, Meta-Awareness, and ADHD Symptomatology. *Journal of Attention Disorders*, 21(6), 475–486. <https://doi.org/10.1177/1087054714543494>
- Schooler, J. W. (2014). Metascience could rescue the ‘replication crisis’. *Nature*, 515(7525), 9. <https://doi.org/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. <https://doi.org/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. In *Psychology of Learning and Motivation - Advances in Research and Theory* (Vol. 60), 1–33. <https://doi.org/10.1016/B978-0-12-800090-8.0001-9>
- 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. [https://doi.org/10.1162/jocn\\_a\\_00656](https://doi.org/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. <https://doi.org/10.1002/9781118294895.ch8>
- 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. [https://doi.org/10.1007/978-3-319-01634-4\\_13](https://doi.org/10.1007/978-3-319-01634-4_13)

- 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. <https://doi.org/10.3389/fnhum.2013.00734>
- Herrmann, D., Gruneberg, M. M., Fiore, S., Schooler, J. W., & Torres, R. (2013). Memory failures and their causes in everyday life. In *Memory and Society: Psychological Perspectives*. <https://doi.org/10.4324/9780203086254>
- 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. *Quarterly Journal of Experimental Psychology*, 66(12), 2289-2294. <https://doi.org/10.1080/17470218.2013.858170>
- Franklin, M. S., Mrazek M. D., Anderson C. L., Smallwood J., Kingstone A., & Schooler J. (2013). The silver lining of a mind in the clouds: Interesting musings are associated with positive mood while mind-wandering. *Frontiers in Psychology*. 4(AUG). <https://doi.org/10.3389/fpsyg.2013.00583>
- Morewedge, C. K., Chandler, J., Smith, R., Schwarz, N., & Schooler, J. (2013). Lost in the crowd: Entitative group membership diminishes mind attribution. *Consciousness and Cognition*, 22(4), 1195–1205. <https://doi.org/10.1016/j.concog.2013.08.002>
- Franklin, M., Mooneyham, B., Baird, B., & Schooler, J. (2013). Thinking one thing, saying another: The behavioral correlates of mind-wandering while reading aloud. *Psychonomic Bulletin & Review*, 21(1), 205–210. <https://doi.org/10.1006/jecp.1998.246510.3758/s13423-013-0468-2>
- Baird, B., Smallwood, J., Fishman, D. J., Mrazek, M. D., & Schooler, J. W. (2013). Unnoticed intrusions: Dissociations of meta-consciousness in thought suppression. *Consciousness and Cognition*, 22(3), 1003-1012. <https://doi.org/10.1016/j.concog.2013.06.009>
- Mrazek, M. D., Phillips, D. T., Franklin, M. S., Broadway, J. M., & Schooler, J. W. (2013). Young and restless: Validation of the Mind-Wandering Questionnaire (MWQ) reveals disruptive impact of mind-wandering for youth. *Frontiers in Psychology*, 4, 560. <https://doi.org/10.3389/fpsyg.2013.00560>

- Smallwood, J., Tipper, C., Brown, K., Baird, B., Engen, H., Michaels, J. R., Grafton, S., & Schooler, J. W. (2013). Escaping the here and now: Evidence for a role of the default mode network in perceptually decoupled thought. *NeuroImage*, 69(1), 120-125.  
<https://doi.org/10.1016/j.neuroimage.2012.12.012>
- Mrazek, M. D., Franklin, M.S., Phillips, D.T., Baird, B., & Schooler, J.W. (2013) Mindfulness Training Improves Working Memory Capacity and GRE Performance While Reducing Mind Wandering. *Psychological Science*, 24(5), 776-781.  
<https://doi.org/10.1177/0956797612459659>
- Franklin, M. S., Mrazek M. D., Broadway J. M., & Schooler J.W. (2013). Disentangling decoupling: Comment on Smallwood. *Psychological Bulletin*, 139(3), 536-541.  
<https://doi.org/10.1037/a0030515>
- Mooneyham, B.W., & Schooler J.W. (2013). The costs and benefits of mind-wandering: A review. *Canadian Journal of Experimental Psychology*, 67(1), 11-18.  
<https://doi.org/10.1037/a0031569>
- Hart, R. E., & Schooler, J. W. (2012). Suppression of novel stimuli: Changes in accessibility of suppressed nonverbalizable shapes. *Consciousness and Cognition*, 21(3), 1541-1546.  
<https://doi.org/10.1016/j.concog.2012.06.005>
- Mooneyham, B.W., Franklin, M.S., Mrazek, M.D. & Schooler, J.W. (2012). Modernizing Science: Comments on Nosek and Bar-Anan. *Psychological Inquiry*, 23(3), 281-284.  
<https://doi.org/10.1080/1047840X.2012.705246>
- Baird, B. Smallwood, J., Mrazek, M.D., Kam, J., Franklin, M.S. & Schooler, J.W. (2012). Inspired by Distraction: Mind Wandering Facilitates Creative Incubation. *Psychological Science*, 23(10), 1117-1122. <https://doi.org/10.1177/0956797612446024>
- Chin, J., Mrazek, M. D., Schooler, J.W. (2012). Blind spots to the self: Limits in knowledge of mental contents and personal predispositions. S. Vazire & T. D., Wilson (Eds). *The Handbook of Self-Knowledge*, 77-89. NY: Guilford.
- Mrazek, M. D., Smallwood, J., Franklin, M. S., Chin, J. M., Baird, B., & Schooler, J. W. (2012). The role of mind-wandering in measurements of general aptitude. *Journal of Experimental Psychology: General*, 141(4), 788. <https://doi.org/10.1037/a0027968>
- Johnson, S.L., Murray, G., Hinshaw, S., Fredrickson, B., Bass, J.M., Deckersbach, T., Schooler, J.W., & Salloum, I. (2012). Creativity and bipolar disorder: Touched by fire or burning with questions? *Clinical Psychology Review*, 32(1), 1-12.  
<https://doi.org/10.1016/j.cpr.2011.10.001>

- Mrazek, M.D., Smallwood, J., Schooler, J.W. (2012). Mindfulness & mind-wandering: Finding convergence through opposing constructs. *Emotion*, 12(3), 442–448. <https://doi.org/10.1006/jecp.1998.246510.1037/a0026678>
- Smallwood, J., Brown, K.S., Baird, B. Mrazek, Franklin, M.S.& Schooler, J.W. (2012). Insulation for daydreams: A role for tonic norepinephrine in the facilitation of internally guided thought. *PLOS ONE*, 7(4), e33706. <https://doi.org/10.1371/journal.pone.0033706>
- Baird, B., Smallwood, J. & Schooler, J.W. (2011). Back to the future: Autobiographical planning and the functionality of mind-wandering. *Consciousness and Cognition*, 20, 1604-11. <https://doi.org/10.1016/j.concog.2011.08.007>
- Smallwood, J., Turk, D. J., Cunningham, S. J., Burns, P., McCrae, N. & Schooler, J.W. (2011). Self-reflection and the temporal focus of the wandering mind. *Consciousness and Cognition*. 20(4), 1120-1126. <https://doi.org/10.1016/j.concog.2010.12.017>
- Schooler, J.W. (2011). Better scientific research. Letter to the Editor, *The New York Times*, November 14, 2011.
- Franklin, M.S., Smallwood J., & Schooler, J.W. (2011). Catching the mind in flight: Using behavioral indices to detect mindless reading in real time. *Psychonomic Bulletin and Review*, 18(5), 992-997. <https://doi.org/10.3758/s13423-011-0109-6>
- Mrazek, M.D., Chin, J.M, Schmader, T., Hartson, K.A., Smallwood, J., Schooler, J.W. (2011). Threatened to distraction: Mind-wandering as a consequence of stereotype threat. *Journal of Experimental Social Psychology*, 47(6), 1243-1248. <https://doi.org/10.1016/j.jesp.2011.05.011>
- Smallwood, J., Brown, K., Baird, B. & Schooler, J.W. (2011). Cooperation between the default mode network and the frontal-parietal network in the production of an internal train of thought. *Brain Research*, 1428, 60-70. <https://doi.org/10.1016/j.brainres.2011.03.072>
- Schooler, J.W., Smallwood, J., Christoff, K., Handy, T.C., Reichle, E.D., & Sayette, M.A. (2011). Meta-awareness, perceptual decoupling and the wandering mind. *Trends in Cognitive Science*, 15(7), 319-326. <https://doi.org/10.1016/j.tics.2011.05.006>
- Smallwood, J., Mrazek M.D., & Schooler, J.W. (2011). Medicine for the wandering mind: A consideration of the cost of mind-wandering in medical practice. *Medical Education*, 45, 1072-1080. <https://doi.org/10.1111/j.1365-2923.2011.04074.x>.
- Winkielman, P., & Schooler, J. W. (2011). Unconscious, conscious, and metaconscious in social cognition. *The Sage Handbook of Social Cognition*, 1, 54-74 Beverly Hills: Sage. <https://doi.org/10.4135/9781446247631.n4>



- Schooler, J.W., Hunt .T., & Schooler, J.N. (2011). Reconsidering the metaphysics of science from the inside out. *Neuroscience Consciousness and Spirituality*, 157-174 New York: Springer. [https://doi.org/10.1007/978-94-007-2079-4\\_11](https://doi.org/10.1007/978-94-007-2079-4_11)
- Smallwood, J., Brown, K.S., Tipper, C., Giesbrecht, B., Franklin, M.S., Mrazek, M.D., Carlson, J. M., & Schooler, J. W. (2011). Pupillometric evidence for the decoupling of attention from perceptual input during offline thought. *PLoS One*. 6, e18298. <https://doi.org/10.1371/journal.pone.0018298>
- Schooler, J.W. (2011). Addressing the bias problem. *The Opinion Pages, New York Times*, January 7, 2011.
- Winkielman, P. & Schooler, J.W. (2011). Splitting consciousness: Unconscious, conscious, and metaconscious processes in social cognition. *European Review of Social Psychology*, 22, 1–35. <https://doi.org/0.1080/10463283.2011.576580>
- Schooler, J. W. (2011). Introspecting in the Spirit of William James: Comment on Fox, Ericsson, and Best (2011). *Psychological Bulletin*, 137(2), 345–350. <https://doi.org/10.1037/a0022390>
- Schooler, J. W. (2011). Unpublished results hide the decline effect. *Nature*, 470(7335), 437. <https://doi.org/10.1038/470437a>
- Kam, J. W., Dao, E., Farley, J., Fitzpatrick, K., Smallwood, J., Schooler, J. W., & Handy, T. C. (2010). Slow fluctuations in attentional control of sensory cortex. *Journal of Cognitive Neuroscience*, 23(2), 460-470. <https://doi.org/10.1162/jocn.2010.21443>
- Reichle, E. D., Reineberg, A. E., & Schooler, J. W. (2010). Eye movements during mindless reading. *Psychological Science*, 21(8), 1300-1310. <https://doi.org/10.1177/0956797610378686>
- Schooler, J.W. (2010). What science tells us about free will. In R. F. Baumeister, A. R. Mele & K. D. Vohs (Eds.) *Free Will and Consciousness: How Might They Work?* (pp. 191-218). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780195389760.003.0012>
- Chin, J., & Schooler, J.W. (2010). Meta-Awareness. *Encyclopedia of Consciousness*. (pp.33-41) Oxford: Elsevier. <https://doi.org/10.1016/B978-012373873-8.00051-7>
- Schooler, J.W. & Mauss, I. B. (2010). To be happy and to know it: The experience and metaawareness of pleasure. In K. Berridge & M. Kringlebach (Eds.) *Pleasures of the Brain*. (pp. 244-254) Oxford University Press.

- Sayette, M.A., Schooler, J.W., & Reichle, E.D. (2010). Out for a smoke: The impact of cigarette craving on zoning out while reading. *Psychological Science*, 21(1), 26-30. <https://doi.org/10.1177/0956797609354059>
- Winkielman, P.W., & Schooler, J.W. (2009). Unconscious, conscious, and metaconscious in social cognition. In Strack & J. Förster (Eds.), *Social cognition: The basis of human interaction*. (pp. 49-69). Philadelphia: Psychology Press.
- van Veen, V., Krug, K.M., Schooler, J.W., & Carter, C.S. (2009). Neural activity predicts attitude change in cognitive dissonance. *Nature Neuroscience*, 12(11), 1469–1474. <https://doi.org/10.1038/nn.2413>
- Handy, T.C., Smilek, D., Liu, C., Gieger, L., Liu, C., & Schooler, J.W. (2009). ERP evidence for rapid hedonic evaluation of logos. *The Journal of Cognitive Neuroscience*, 22(1), 124-138. <https://doi.org/10.1162/jocn.2008.21180>
- Schooler, J.W., & Smallwood, J. (2009). Meta-cognition. In A. Cleermans, T. Bayne & P. Wilken (Eds.) *Oxford Handbook of Consciousness*. (pp. 443-445) Oxford.
- Smallwood, J., & Schooler, J.W. (2009). Mind-Wandering. In A. Cleermans, T. Bayne & P. Wilken (Eds.) *Oxford Handbook of Consciousness*. (pp. 438-442) Oxford.
- Eich, E., Geraerts, E., Schooler, J.W., Forgas, J.P. (2009). Memory In and About Affect H.L. Roediger (Ed.), *Cognitive psychology*, 4. in J. Byrne (Editor-in-Chief), *Learning and memory--A comprehensive reference*. (pp. 239-260) Oxford: Elsevier.
- Smallwood, J., & Schooler, J.W. Mind wandering. (2009). In K. Vohs & R. Baumeister (Eds.). *Encyclopedia of Social Psychology*.
- Christoff, K., Gordon, A.M., Smallwood, J., Smith, R., & Schooler, J.W. (2009). Experience sampling during fMRI reveals default network and executive system contributions to mind wandering. *Proceedings of the National Academy of Sciences*, 106(21), 8719-8724. <https://doi.org/10.1073/pnas.0900234106>
- Chin, J., & Schooler, J.W. (2009). Why do words hurt? Content, process, and criterion shift accounts of verbal overshadowing. *The European Journal of Cognitive Psychology*, 20(3), 396-413. <https://doi.org/10.1080/09541440701728623>
- Sayette, M.A., Reichle, E.D., & Schooler, J.W. (2009). Lost in the sauce: The effects of alcohol on mind-wandering. *Psychological Science*, 20(6), 747–752. <https://doi.org/10.1111/j.1467-9280.2009.02351.x>



- Weston, N. J., Perfect, T. J., Schooler, J. W., & Dennis, I. (2008). Navon processing and verbalisation: A holistic/featural distinction. *European Journal of Cognitive Psychology*, 20(3), 587-611. <https://doi.org/10.1080/09541440701728557>
- Shariff, A. F., Schooler, J., & Vohs, K. D. (2008). The hazards of claiming to have solved the hard problem of free will. In J. Baer, J. C. Kaufman, & R. F. Baumeister (Eds.), *Are We Free? Psychology and Free Will* (pp. 181–204). New York: Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780195189636.003.0009>
- Keysers, C., Cohen, J., Donald, M., Guth, W., Johnson, E. J., & Schooler, J.W. (2008). Explicit and implicit strategies in decision making. *Better Than Conscious? Decision Making, the Human Mind, and Implications for Institutions*, 225-58. <https://doi.org/10.7551/mitpress/9780262195805.003.0011>
- Smallwood, J., McSpadden, M., & Schooler, J. (2008). When attention matters: the curious incident of the wandering mind. *Memory and Cognition*, 36(6), 1144–1150. <https://doi.org/10.3758/MC.36.6.1144>
- Vohs, K.D., & Schooler, J.W. (2008). The value of believing in free will: Encouraging a belief in determinism increases cheating. *Psychological Science*, 19,1, 49-54. <https://doi.org/10.1111/j.1467-9280.2008.02045.x>.
- Smallwood J., McSpadden M.C., Luus B., & Schooler J.W. (2008). Segmenting the stream of consciousness – the psychological consequences of structural patterns in the time series of response times. *Brain & Cognition*, 66(1), 50-56. <https://doi.org/10.1016/j.bandc.2007.05.004>
- Smallwood, J., Beach, E. Schooler, J.W., & Handy, T.C. (2008). Going AWOL in the Brain: mind wandering reduces cortical analysis of external events. *The Journal of Cognitive Neuroscience*, 20(3), 458-469. <https://doi.org/10.1162/jocn.2008.20037>
- Schooler, J.W., & Smallwood, J. (2007). Meta-awareness. In K. Vohs & R. Baumeister (Eds.) *Encyclopedia of Social Psychology*. Thousand Oaks, CA: Sage.
- Smallwood J., Fishman D.F., & Schooler J.W. (2007). Counting the cost of the absent mind: Mind wandering as an under-recognized influence on educational performance. *Psychonomic Bulletin & Review*, 14(2), 230-236. <https://doi.org/10.3758/BF03194057>
- Dougal, S., & Schooler, J.W. (2007). Discovery misattribution: When solving is confused with remembering. *Journal of Experimental Psychology: General*, 136(4), 577-591. <https://doi.org/10.1037/0096-3445.136.4.577>

- Smallwood J., McSpadden M., & Schooler J.W., (2007). The lights are on but no one's home: Meta-awareness and the decoupling of attention when the mind wanders. *Psychonomic Bulletin & Review*, 14(3), 527-533. <https://doi.org/10.3758/BF03194102>
- Meissner, C. A., Sporer, S. L., & Schooler, J. W. (2007). Person descriptions as eyewitness evidence. In D. Ross, M. Toglia, J.D Read, R.C. Lindsay (Eds) *Handbook of Eyewitness Psychology*, Wiley & Sons. 2,3-34.
- Pezdek, K., Blandon-Gitlin, I., Lam, S., Hart, R.E., & Schooler, J. (2006). Is knowing believing?: The role of event plausibility and background knowledge in planting false beliefs about the personal past. *Memory & Cognition*, 34(8), 1628-1635. <https://doi.org/10.3758/BF03195925>
- Servan-Schreiber, D., Schooler, J., Dew, M. A., Carter, C., & Bartone, P. (2006). Eye movement desensitization and reprocessing for posttraumatic stress disorder: A pilot blinded, randomized study of stimulation type. *Psychotherapy and Psychosomatics*, 75(5), 290-297. <https://doi.org/10.1159/000093950>
- Hart, R. E., & Schooler, J. W. (2006). Increasing belief in the experience of an invasive procedure that never happened: The role of plausibility and schematicity. *Applied Cognitive Psychology*, 20(5), 661-669. <https://doi.org/10.1002/acp.1218>
- Smallwood J., & Schooler J.W., (2006). The restless mind. *Psychological Bulletin*. 132(6), 946-958. <https://doi.org/10.1037/0033-2909.132.6.946>
- Smith, R., Keramatian, K., Smallwood, J., Schooler, J., Luus, B., & Christoff, K. (2006). Mindwandering with and without awareness: An fMRI study of spontaneous thought processes. In *Proceedings of the 28th Annual Conference of the Cognitive Science Society* (pp. 804809). Erlbaum Vancouver.
- Fiore, F.M., Cuevas, H.M., Schooler, J.W., & Salas, E. (2006). Cognition, teams and team cognition: Memory actions and memory failures in distributed team environments. In Jentsch, Florian (Ed). *Creating high-tech teams: Practical guidance on work performance and technology*. (pp. 71-87). Washington, DC: American Psychological Association. <https://doi.org/10.1037/11263-004>
- Joslyn, S. & Schooler, J.W. (2006). Influences of the present on the past: The impact of interpretation on memory for abuse. In L.G. Nilsson & N. Ohta (Eds.) *Memory and Society: Psychological Perspectives*. Psychology Press.
- Herrmann, D., Gruneberg, M. M., Fiore, S., & Schooler, J.W. (2006). Self reports about the causes of everyday memory failures. In L.G. Nilsson & N. Ohta (Eds) *Memory and Society: Psychological Perspectives*. Psychology Press.

- Von Hippel, W., Von Hippel, C., Conway, L., Preacher, K.L., Schooler, J.W., & Radvansky, G.A. (2005). Coping with stereotype threat: Denial as an impression management strategy. *Journal of Personality and Social Psychology*, 89(1), 22–35.  
<https://doi.org/10.1037/0022-3514.89.1.22>
- Ambadar, Z., Schooler, J.W., & Cohn J.F. (2005) Deciphering the enigmatic face: The Importance of facial dynamics in interpreting subtle facial expressions. *Psychological Science*, 16(5), 403-410. <https://doi.org/10.1111/j.0956-7976.2005.01548.x>
- Schooler, J.W. & Schreiber, C. (2005). To know or not to know: Consciousness, meta consciousness, and motivation. Forgas, JP, Williams, KR von Hippel, W. (Eds.). *Social Motivation: Conscious and Non-conscious Processes*. (pp. 351-372). New York: Cambridge University Press.
- Fiore, S.M., & Schooler, J.W. (2004). Process mapping and shared cognition: Teamwork and the development of shared problem models. In E. Salas & S.M. Fiore (Eds) *Team Cognition: Understanding the Factors that Drive Process and Performance*. (pg 133152). Washington, D.C.: American Psychological Association.  
<https://doi.org/10.1037/10690-007>
- Lane, S. M. & Schooler, J.W. (2004). Skimming the surface: Verbal overshadowing of analogical retrieval, *Psychological Science*, 15(11), 715-719.  
<https://doi.org/10.1111/j.09567976.2004.00747.x>
- Schooler, J. W., Reichle, E. D., & Halpern, D. V. (2004). Zoning out while reading: Evidence for dissociations between experience and metaconsciousness. *Thinking and Seeing: Visual Metacognition in Adults and Children*, 203-226.
- Schooler, J., & Schreiber, C.A. (2004), Experience, meta-consciousness, and the paradox of introspection. *Journal of Consciousness Studies*, 11(7–8), 17–39.
- Melcher, J. M., & Schooler, J.W. (2004). Perceptual and conceptual expertise mediate the verbal overshadowing effect in a training paradigm. *Memory and Cognition*, 32(4), 618–631. <https://doi.org/10.3758/BF03195853>
- Bryce, C.L., Loewenstein, G., Arnold, R.M., Schooler, J., Wax, R.S., & Angus, D.C. (2004). Quality of death: assessing the importance placed on end-of-life treatment in the intensive care unit. *Medical Care*, 42(5), 423-431.  
<https://doi.org/10.1097/01.mlr.0000124245.62354.57>
- Schooler, J.W., Ariely, D., & Loewenstein, G. (2003). The pursuit and monitoring of happiness can be self-defeating. J. Carrillo and I. Brocas (Eds.) *Psychology and Economics*, (pp 41-70) Oxford, GB: Oxford University Press.

- Schooler, J.W. (2002). Verbalization produces a transfer inappropriate processing shift. *Applied Cognitive Psychology*, 16, 989-997. <https://doi.org/10.1002/acp.930>
- Fiore, S.M., & Schooler, J.W. (2002). How did you get here from there: Verbal overshadowing of spatial mental models. *Applied Cognitive Psychology*, 16(8), 989-997. <https://doi.org/10.1002/acp.930>
- Mitchell, J.P., Macrae, C.N., Schooler, J.W., Rowe, A.C., Milne, A.B. (2002). Directed remembering: Subliminal cues alter non-conscious memory strategies. *Memory*, 10, 381-388. <https://doi.org/10.1080/09658210244000207>
- Schooler, J.W. (2002). Establishing a legitimate relationship with introspection: Response to Jack and Roepstorff. *Trends in Cognitive Science*, 6, 372-373. [https://doi.org/10.1016/S1364-6613\(02\)01970-8](https://doi.org/10.1016/S1364-6613(02)01970-8)
- Schooler, J.W. (2002). Re-representing consciousness: Dissociations between consciousness and meta-consciousness. *Trends in Cognitive Science*, 6, 339-344. [https://doi.org/10.1016/S1364-6613\(02\)01949-6](https://doi.org/10.1016/S1364-6613(02)01949-6)
- Sivers, H., Freyd, J & Schooler, J.W. (2002). Recovered Memories in *The Encyclopedia of the Human Brain* N.Y.: Academic Press.
- Herz, R.S., & Schooler, J.W. (2002). A naturalistic study of autobiographical memories evoked to olfactory versus visual cues: Testing the Proustian Hypothesis. *The American Journal of Psychology*, 115(1), 21-32. <https://www.jstor.org/stable/1423672>
- Shobe, K.K. & Schooler, J.W. (2001). Discovering Fact and Fiction: Case-Based Analyses of Authentic and Fabricated Discovered Memories of Abuse. In G. Davies & T. Dalgleish (Eds.), *Recovered Memories: Seeking the Middle Ground.*, 95-154, Sussex, England: Wiley & Sons. <https://doi.org/10.1002/0470013486.ch6>
- Von Hippel, W., Hawkins, C. & Schooler, J.W. (2001). Stereotype distinctiveness: How counter-stereotypic behavior shapes the self-concept. *Journal of Personality and Social Psychology*, 81, 193-205. <https://doi.org/10.1037/0022-3514.81.2.193>
- Schooler, J.W. (2001). Discovering memories of abuse in the light of meta-awareness. *The Journal of Aggression, Maltreatment and Trauma*, 4(2), 105-136. [https://doi.org/10.1300/J146v04n02\\_06](https://doi.org/10.1300/J146v04n02_06)
- Wiley, J. & Schooler, J.W. (2001). The mental web: Pedagogical and cognitive implications of the net. In C. Wolfe (Ed). *Learning and Teaching on the Web*. New York: Academic Press. <https://doi.org/10.1016/B978-012761891-3/50015-1>

- Fiore, S. M., & Schooler, J. W. (2001). Convergent or divergent problem space search: The effect of problem structure on group versus individual problem solving. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 45(4), 483-487. SAGE Publications. <https://doi.org/10.1177/154193120104500446>
- Eich, E., & Schooler, J.W. (2000). Cognition/emotion interactions. In E. Eich, J.F. Kihlstrom, G.H. Bower, J.P. Forgas, & P.M. Niedenthal, *Cognition and emotion*, (pp. 3-29). New York: Oxford University Press. <https://doi.org/10.1002/acp.811>
- Schooler, J.W. (2000). Discovered memories and the “delayed discovery doctrine”: A cognitive case-based analysis. In S.Taub (Ed) *Recovered Memories of Child Sexual Abuse: Psychological, Legal, and Social Perspectives on a Mental Health Controversy*, (pp. 121-141 Springfield, IL: Charles C. Thomas.
- Schooler, J.W., & Eich E. (2000). Memory for emotional events. In E. Tulving & F.I.M. Craik (Eds.) *Oxford Handbook of Memory*. pp. 379-392. New York: Oxford University Press.
- Schooler, J.W., Dougal, S. (1999). Why creativity is not like the proverbial typing monkey. *Psychological Inquiry*, 10(4), 351-356.
- Sieck, W.R., Quinn, C.N., & Schooler, J.W. (1999). Justification effects on the judgment of analogy. *Memory and Cognition*, 27(5), 844-855. <https://doi.org/10.3758/BF03198537>
- Schooler, J.W. & Dougal, S. (1999). The symbiosis of subjective and experimental approaches to intuition. *Journal of Consciousness Studies*, 6, 280-287.
- Schooler, J.W. (1998). A multiplicity of memory. *Exploring*, 22, 4-6.
- Ryan, R.S., & Schooler, J.W. (1998). Whom do words hurt? Individual differences in susceptibility to verbal overshadowing. *Applied Cognitive Psychology*, 12(7), 105-125. [https://doi.org/10.1002/\(SICI\)1099-0720](https://doi.org/10.1002/(SICI)1099-0720)
- Schooler, J.W. (1998). The Distinctions of False and Fuzzy Memories. *The Journal of Experimental Child Psychology*, 71(2), 130-143. <https://doi.org/10.1006/jecp.1998.2465>
- Fiore, S.M., & Schooler, J.W. (1997). Right hemisphere contributions to creative problem solving: Converging evidence for divergent thinking. In M. Beeman and C. Chiarello (Eds.) *Right Hemisphere Language Comprehension*, (pp. 349-372) Hillsdale, NJ: Lawrence Erlbaum.
- Schooler, J.W., Fiore, S.M., Brandimonte (1997). At a loss from words: Verbal overshadowing of perceptual memories. In D.L. Medin (Eds). *The Psychology of Learning and Motivation* (pp. 293-334). San Diego, CA: Academic Press. [https://doi.org/10.1016/S0079-7421\(08\)60505-8](https://doi.org/10.1016/S0079-7421(08)60505-8)

- Brandimonte, M.A., Schooler, J.W., & Gabbino, P. (1997). Attenuating verbal overshadowing through visual retrieval cues. *Journal of Experimental Psychology: Learning Memory and Cognition*, 23(4), 915-931. <https://doi.org/10.1037/0278-7393.23.4.915>
- Schooler, J.W. & Hyman, I.E. (1997). Investigating alternative accounts of veridical and non-veridical memories of trauma: Report of the cognitive working groups. In J. D. Read and D. S. Lindsay (Eds.) *Recollections of Trauma: Scientific Research and Clinical Practices* (pp. 531-540). NY, NY: Plenum. [https://doi.org/10.1007/978-1-4757-2672-5\\_36](https://doi.org/10.1007/978-1-4757-2672-5_36)
- Schooler, J. W., Ambadar, Z., & Bendiksen, M. (1997). A cognitive corroborative case study approach for investigating discovered memories of sexual abuse. In *Recollections of Trauma: Scientific Research and Clinical Practices* (pp. 379-387). Springer US. [https://doi.org/10.1007/978-1-4757-2672-5\\_15](https://doi.org/10.1007/978-1-4757-2672-5_15)
- Schooler, J.W. (1997). Reflections on a memory discovery. *Child Maltreatment*, 2(2), 126-133. <https://doi.org/10.1177/1077559597002002006>
- Schooler, J. W., Bendiksen, M., & Ambadar, Z. (1997). Taking the middle line: Can we accommodate both fabricated and recovered memories of sexual abuse?. *False and Recovered Memories*, 251-292. <https://doi.org/10.1093/med:psych/9780198523864.003.0011>
- Cohen, J.D., & Schooler, J.W. (1997). Science and sentience: some questions regarding the scientific investigation of consciousness. In J.D. Choen, & J.W. Schooler, *Scientific Approaches to Consciousness* (pp. 3-10). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.
- Cohen, J.D., & Schooler, J.W. (Eds.). (1997). *Scientific Approaches to Consciousness*. Mahwah, NJ: Lawrence Erlbaum Associates, Inc.
- Schooler, J.W., & Fiore, S.M. (1997). Consciousness and the limits of language: You can't always say what you think or think what you say. In J.D. Choen & J.W. Schooler. *Scientific Approaches to Consciousness*, (pp. 241-256). Mahwah, NJ: Lawrence Erlbaum Right Associates, Inc.
- Dodson, C.S., Johnson, M.K., & Schooler, J.W. (1997). The verbal overshadowing effect: Why descriptions impair face recognition. *Memory and Cognition*, 25(2), 129-139. <https://doi.org/10.3758/BF03201107>
- Schooler, J.W., Ryan, R.S., and Reder, L. (1996). The costs and benefits of verbally rehearsing memory for faces. D. Herrmann, M. Johnson, C. McEvoy, C. Hertzog, and P. Hertel (Eds.). *Basic and Applied Memory: New Findings*, 51-65.



- Melcher, J., & Schooler, J.W. (1996). The Misremembrance of wines past: Verbal and perceptual expertise differentially mediate verbal overshadowing of taste. *The Journal of Memory and Language*, 35(2), 231-245. <https://doi.org/10.1006/jmla.1996.0013>
- Melcher, J., & Schooler, J.W. (1995). Speaking of wine: Verbal and perceptual expertise mediate verbal overshadowing in a taste recognition task. *Proceedings of the Sixteenth Annual Meeting of the Cognitive Science Society*, Pittsburgh, PA.
- Fallshore, M., & Schooler, J. W. (1995). Verbal Vulnerability of Perceptual Expertise. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 21(6), 1608–1623. <https://doi.org/10.1037/0278-7393.21.6.1608>
- Schooler, J.W., & Fiore, S.M. (1995). Stirring things up. Review of Gardner, H. (1993) *Creating Minds. Applied Cognitive Psychology*.
- Schooler, J., & Melcher, J. (1995). The ineffability of insight. In S. M. Smith, T. B. Ward, & R. A. Finke, Eds. *The Creative Cognition Approach*, Cambridge, (pp. 97-133) MA: MIT press.
- Schooler, J.W. (1994). Seeking the core: The issues and evidence surrounding recovered accounts of sexual trauma. *Consciousness and Cognition*, 3, 452-469. Reprinted in K. Pezdek, & W. Banks, (Eds.) (1996) *The Recovered Memory/False Memory Debate*. (pp. 452-469). San Diego, CA: Academic Press. <https://doi.org/10.1006/ccog.1994.1026>
- Schooler, J., Fallshore, M., & Fiore, S. (1994). Epilogue: Putting insight into perspective. In *The Nature of Insight* R. J. Sternberg and J. E. Davidson, (Eds.) Cambridge, MA: MIT press.
- Foster, R. A., Libkuman, T. M., Schooler, J. W., & Loftus, E. F. (1994). Consequentiality and eyewitness person identification. *Applied Cognitive Psychology*, 8, 107-121. <https://doi.org/10.1002/acp.2350080203>
- Fallshore, M., & Schooler, J. W. (1993). Post-encoding verbalization impairs transfer on artificial grammar tasks. *Proceedings of the Fifteenth Annual Meeting of the Cognitive Science Society*, Boulder, CO. 412-416.
- Wilson, T. D., Lisle, D. J., Schooler, J. W., Hodges, S. D., Klaaren, K. J., & LaFleur, S. J. (1993). Introspecting about reasons can reduce post-choice satisfaction. *Personality and Social Psychology Bulletin*, 19(3), 331-331. <https://doi.org/10.1177/0146167293193010>

- Schooler, J. W. & Loftus E. F. (1993). Multiple mechanisms mediate individual differences in eyewitness accuracy and suggestibility. In H. W. Reese and J. M. Puckett (Eds.) *Mechanisms of Practical Cognition*, 177-203.
- Schooler, J. W., Ohlsson, S. & Brooks, K. (1993). Thoughts beyond words: When language overshadows insight. *Journal of Experimental Psychology: General*, 122(2), 166-183. <https://doi.org/10.1037/0096-3445.122.2.166>
- Schooler, J. W. (1993). Some suggestions about suggestibility: Review of J. F. Schumaker (Ed.) *Human suggestibility: Advances in Theory, Research, and Application in Contemporary Psychology*, 38, 283-284.
- Schooler, J. W., & Loftus, E. F. (1992). Memory. *The Encyclopedia of Science and Technology*. NY: McGraw-Hill.
- Schooler, J. W., & Herrmann, D. J. (1992). There is more to episodic memory than just episodes. M. A. Conway, D. C. Rubin, H. Spinler, & W. A. Wagenaar (Eds.) *Theoretical Perspectives on Autobiographical Memory*. The Netherlands: Kluwer Academic Publishers.
- Schooler, J. W., & Wilson, T. W. (1991). When words hurt: The disruptive effects of verbally analyzing reasons. *Proceedings of the Society for Consumer Psychology*, 29.
- Wilson, T. D., & Schooler, J.W. (1991). Thinking Too Much: Introspection Can Reduce the Quality of Preferences and Decisions. *Journal of Personality and Social Psychology*, 60(2), 181-192. <https://doi.org/10.1037/0022-3514.60.2.181>
- Schooler, J. W. (1991). Why do we forget? What can we do about it? *The 1991 World Book Year Book*. Chicago, IL: World Book Inc.
- Schooler, J. W. & Tanaka, J. W. (1991). Composites, Compromises, and CHARM: What is the Evidence for Blend Memory Representations? *Journal of Experimental Psychology: General*, 120(1), 96-100. <https://doi.org/10.1037/0096-3445.120.1.96>
- Schooler, J. W., & Engstler-Schooler, T. Y. (1990). Verbal overshadowing of visual memories: Some things are better left unsaid. *Cognitive Psychology*, 22(1), 36-71. [https://doi.org/10.1016/0010-0285\(90\)90003-M](https://doi.org/10.1016/0010-0285(90)90003-M)
- Schooler, J.W. (1989). Review of H. L. Roediger and F. I. Craik (Eds.). *Varieties of Memory and Consciousness: Essays in Honour of Endel Tulving*. *Applied Cognitive Psychology* 4, 536-537. <https://doi.org/10.1002/acp.2350050509>
- Loftus, E. F., Donders, K., Hoffman, H. G., & Schooler, J. W. (1989). Creating new memories that are quickly accessed and confidently held. *Memory and Cognition*, 17(5), 607-616.



- reality. In J. Yuille (Ed.), *Credibility Assessment: A Theoretical and Research Perspective*, (pp. 155-174), Boston: Kluwer. <https://doi.org/10.3758/bf03197083>
- Loftus, E. F., Korf, N. L., & Schooler, J. W. (1989). Misguided Memories: Sincere Distortions of Reality. In *Credibility Assessment* (pp. 155–173). Springer, Dordrecht. [https://doi.org/10.1007/978-94-015-7856-1\\_9](https://doi.org/10.1007/978-94-015-7856-1_9)
- Schooler, J. W., Foster, R. A., & Loftus, E. F. (1988). Some deleterious consequences of the act of recollection. *Memory and Cognition*, 16(3), 243-251. <https://doi.org/10.3758/BF03197757>
- Schooler, J. W., Clark, C. A., & Loftus, E. F. (1988). Knowing when memory is real. In M. Gruneberg, P. Morris, & R. N. Sykes (Eds.), *Practical Aspects of Memory*, (pp. 83-88). New York: Wiley.
- McSpadden, M. D., Schooler, J. W., & Loftus, E. F. (1988). Here today, gone tomorrow: The appearance and disappearance of context effects. In G. Davies and D. Thomson (Eds.), *Memory in Context: Context in Memory*, (pp. 215-229). Sussex, England: Wiley & Sons, Ltd.
- Schooler, J. W., & Loftus, E. F. (1987). Memory. *Encyclopedia of Science & Technology*, 1, 584-587.
- Loftus, E. F., Schooler, J. W., Boone, S., & Kline, D. (1987). Time went by so slowly: Overestimation of event duration by males and females. *Applied Cognitive Psychology*, 1(1), 3-13. <https://doi.org/10.1002/acp.2350010103>
- Loftus, E. F., Banaji, M., Schooler, J. W., & Foster, R. A. (1987). Who remembers what: Gender differences in memory. *Michigan Quarterly Review*, 26, 64-85.
- Schooler, J. W., & Loftus, E. F. (1986). Individual differences and experimentation: Complementary approaches to interrogative suggestibility. *Social Behaviour*, 1, 105-112.
- Schooler, J. W., Gerhard, D., & Loftus, E. F. (1986). Qualities of the unreal. *Journal of Experimental Psychology. Learning, Memory, and Cognition*, 12(2), 171–181. <https://doi.org/10.1037/0278-7393.12.2.171>
- Loftus, E. F., Schooler, J. W., Loftus, G. R., & Glauber, D. T. (1985). Memory for events occurring under anesthesia. *Acta Psychologica*, 59(2), 123-128. [https://doi.org/10.1016/0001-6918\(85\)90016-2](https://doi.org/10.1016/0001-6918(85)90016-2)

- Loftus, E. F., Schooler, J. W., & Wagenaar, W. (1985). The fate of memory: Comment on McCloskey and Zaragoza. *Journal of Experimental Psychology: General*, 114(3), 375-380. <https://doi.org/10.1037/0096-3445.114.3.375>
- Loftus, E. F., & Schooler, J. W. (1985). Information processing conceptualizations of human cognition: Past, present and future. In B. D. Ruben (Ed.), *Information & Behavior*, 225-251.
- Greene, E., Schooler, J. W., & Loftus, E. F. (1985). Expert testimony. In S. Kassin & L. Wrightsman (Eds.), *The Psychology of Evidence and Courtroom Procedure*, 253-279.
- Fathi, D. C., Schooler, J. W., & Loftus, E. F. (1984). Moving survey problems into the cognitive psychology laboratory. *Proceedings of the Survey Research Section*, Washington, DC: American Statistical Association, 19-21.
- Loftus, E. F., & Schooler, J. W. (1984). Recoding processes in memory: Commentary on Tulving's elements of episodic memory. *The Behavioral and Brain Sciences*, 7, 246-247. <https://doi.org/10.1017/S0140525X00044496>

***INVITED PRESENTATIONS, DEPARTMENTAL COLLOQUIA, AND SELECTED PRESENTATIONS (last 5 years)***

- Exploring the role of unconscious processes, atypical salience and openness to experience on insight and creativity, **Invited Talk**, Milan Italy, (June, 2024)
- Open Mindfulness: Combining Wonder and Wisdom, **Invited Address**, Sivananda Ashram, Nassau Bahamas, (June, 2024)
- Resonance as a foundation for understanding and expanding consciousness, **Invited Address**, Sivananda Ashram, Nassau Bahamas, (June, 2024)
- Cultivating mindfulness with meditation, music, and interactives, **Invited Workshop**, Sivananda Ashram, Nassau Bahamas (June, 2024)
- Three Dimensions of Time: An Approach for Conceptualizing How Consciousness Relates to the Physical World, **Invited Workshop**, Sivananda Ashram, Nassau Bahamas, (June, 2024)
- Understanding and cultivating curiosity, **Invited Workshop**, Sivananda Ashram, Nassau Bahamas, (June, 2024)
- Opening the mind: Examining outcomes promoted by exposure to art, Music and Mind **Panel Discussion**, Santa Barbara Museum of Art, Santa Barbara CA, (February, 2024)
- Opening the mind: Examining outcomes promoted by exposure to art, **speakeasy slam**, Annual Meeting of the Society for Experimental and Social Psychology, San Diego CA, (January, 2024)
- Could postulating three dimensions of time address assorted disparities between physics and experience? **Talk**, Essentia Foundation Conference (December, 2023)
- Nested Observer Windows: A Framework for Hierarchical Information Integration and Potentially Hierarchical Consciousness, **Talk**, School of Neurotherapy Conference, Santa Barbara CA, (November, 2023)

- Meditation and Meta-awareness, **Invited Talk**, Science of Consciousness, Taormina Italy, (May, 2023)
- Nested Observer Windows: A Framework for Hierarchical Information Integration and Potentially Hierarchical Consciousness, **Invited Talk**, Science of Consciousness, Taormina Italy, (May, 2023)
- Resonance as a foundation for understanding and expanding consciousness, **Invited Address**, Sivananda Ashram, Nassau Bahamas, (April, 2023)
- Open Mindfulness, **Invited Address**, Sivananda Ashram, Nassau Bahamas (April, 2023)
- Cultivating mindfulness with meditation, music, and interactivities, **Invited Workshop**, Sivananda Ashram, Nassau Bahamas (April, 2023)
- Cultivating openness to experience, **Invited Workshop**, Sivananda Ashram, Nassau Bahamas (April, 2023)
- Reflecting on the nature of consciousness and its potential impact on wellbeing, **Invited Talk**, Society for Brain Mapping and Therapeutics, Los Angeles CA (February, 2023)
- Information Integration in Nested Observer Windows (NOW): A Theory of Hierarchical Consciousness. **Talk**, School of Neurotherapy Conference, Santa Barbara CA (September, 2022)
- Reflections on How Consciousness Interfaces with Physical Reality, **Invited Talk**, Diverse Intelligence Summer Institute, Virtual (July, 2021)
- Staying open to the possibility of the transcendental: Comments on Delorme, **Invited Talk**, Second International Conference on Science and God, Virtual, (April, 2021)
- Creativity, curiosity, and mind-wandering: The upside of a mind in flight, **Invited Keynote Speaker**, Society for the Neuroscience of Creativity, Virtual, (October, 2020)
- Nested Nows, **Invited Plenary Address**, Science of Consciousness, Taormina Italy, (September, 2020)
- The Middle Way: Finding the Balance between Mindfulness and Mind-Wandering, **Invited Address**, Parkinson Society of Vancouver, Vancouver (June, 2020) (conducted on zoom). Link <https://www.youtube.com/watch?v=v6Hqb7wdVB4&feature=youtu.be>
- Reflecting on consciousness: On the distinction between experience and meta-awareness, **Invited Talk**, Varela Symposium, Upaya Institute, Santa Fe NM (May, 2020) (conducted on zoom) link: <https://www.upaya.org/2020/07/schooler-reflecting-consciousness-experience-meta-awareness2020-varela-2-7/>
- Reflecting on consciousness: On the distinction between experience and meta-awareness, **Symposium speaker**, American Academy of Religion, San Diego (October, 2019)
- Cultivating capacities: Evidence based interventions that can (or may) enhance people's proficiencies. Departmental Colloquium, University of California San Diego, (October 2019)
- How replicable can psychological science be?: A highly powered multi-site investigation of the robustness of newly discovered findings **Invited talk**, Metascience 2019, Stanford University, Palo Alto CA (September, 2019) link <https://metascience.com/events/metascience-2019symposium/jonathan-schooler-highly-powered-multi-site-investigation-of-the-robustness-ofnewly-discovered-findings/>
- Harmonizing the mind: Combining expectancy, brain stimulation and multimedia to produce nonordinary experiences that foster openness to experience, **Invited talk**, Peter Wall Institute for Advanced Studies, University of British Columbia, Vancouver BC (September, 2019)

- Mind wandering and intrusive thinking, **Invited symposium speaker**, Ernst Struengmann Forum, Frankfurt Germany (June 2019)
- Intuition and Insight, **Keynote Address**, Sivananda Ashram Yoga Retreat Bahamas, Paradise Island, Bahama (March, 2019)
- Mindfulness as a Tool for Regulating Mind Wandering, **Invited talk**, From Mind Wandering to Mindfulness, Symposium National Institute of Mental Health, Bethesda MD (March 2019)
- The Middle Way: Finding the Balance Between Mindfulness and Mind Wandering, **Presentation**, Society for Experimental and Personality Psychology, Portland, Oregon (February 2019)
- Aha misattribution. Solving anagrams leads to inflated truth judgements. **Presentation**, Annual Meeting of the Psychonomic Society, New Orleans (November 2019)
- Center for Mindfulness and Human Potential, **Invited talk**, Board of Trustees, UCSB Santa Barbara CA (October, 2018)
- Towards a framework for conceptualizing observers moving through time: Nested Observer Windows/Waves **Invited talk**, The Conceptual Foundations of Science: Rethinking Matter – Life – Mind, Parmenides Foundation. Munich, Germany (September 2018)
- Mind wandering and spontaneous thought, **Invited symposium speaker**, Roundtable on spontaneous thought. Peter Wall Institute for Advanced Studies, Vancouver CA (June, 2018)
- Finding happiness without looking for it. **Invited talk**, Santa Barbara New Comers club, Santa Barbara CA (May, 2018)
- The Middle Way: Finding the Balance Between Mindfulness and Mind Wandering. **Colloquium**, University of California Irvine, Irvine CA (April 2018)
- Mindful Minds in Schools: Achievement and Well Being with Training, **Invited talk**, Mindfulness and the Brain, Washington DC (April, 2018)
- Time and Consciousness, **Keynote address**, Sivananda Ashram Yoga Retreat Bahamas, Paradise Island, Bahamas (March, 2018)
- The Middle Way: Finding the Right Balance Between Mindfulness and Mind Wandering for Creative Achievement, **Invited talk**, Learning and the Brain, San Francisco CA (February, 2018)
- The Rewards and Regulation of Mind Wandering. **Keynote address**, Armadillo: Southwest Cognition Conference, Texas A & M University (October, 2017)
- Minding the Mind: Mind Wandering, Meta-awareness and Mindfulness, **Colloquium**, University of Wisconsin, Madison, Wisconsin (September, 2017)
- The neural and creative consequences of mind wandering, **Invited talk**, Roundtable on Mind Wandering, Peter Wall Institute for Advanced Studies (July, 2017)
- Towards a framework for conceptualizing observers moving through time: Nested Observer Windows/Waves. **Keynote address**. The Science of Consciousness, San Diego CA (June, 2017)
- Mindfulness: An Introduction and Preview of What's Next, **Invited panelist**: UCSB panel (May 2017)
- Mindfulness and Mind-wandering. **Invited talk**. Mindfulness and Neuroscience Workshop, University of New Mexico, Albuquerque NM May 2017
- Reconsidering the mind from the inside out: The science of mind-wandering illuminates the value of first person data, **Keynote address**: 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)

- 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 additional dimensions of time provide a meta-perspective for bridging science and experience? **Invited talk**, Foundation of mind, Berkeley (August 2015)
- Stepping into the Future: Speculations on the Subjective Dimension of Time, **Keynote address**, 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, **Colloquium** UC San Diego (May 2015)
- Three "R"s 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)
- Three "R"s of Mind Wandering: Ramifications, Rewards, and Regulation: **Colloquium** York University (March 2015)
- When the Muse Strikes: Ideas of Physicists and Writers Regularly Occur During Episodes of Mind Wandering, **Presentation**, 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, **Presentation**, SPSP pre-conference Long Beach, CA (Feb 2015)

## CONSULTING

- Senstream Corporation (2021-2022)
- 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
- Exetor 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)**

### ***The Rose Woman Podcast***

Minding the Mind with Jonathan Schooler: Meta Awareness, Creativity and Impact (December, 2023)

[https://lnns.co/Mr5N\\_Djs6g-](https://lnns.co/Mr5N_Djs6g-)

### ***University of California, Santa Barbara Magazine***

In Search of the Origin of Insight - Abstract Art Offers a Clue (August 3, 2023)

<https://magazine.ucsb.edu/spring-summer-2023/search-origin-insight>

### ***Choose to be Curious Podcast***

A Curiosity Practice Bonanza (June 15, 2023)

[https://soundcloud.com/choosetobecurious/ep-197-a-curiosity-practice-bonanza-with-jonathan-schooler/s-FM4JcJPYvfJ?si=d52e9f2ecd42420c8dc57c65fa6ec500&utm\\_source=clipboard&utm\\_medium=text&utm\\_campaign=social\\_sharing](https://soundcloud.com/choosetobecurious/ep-197-a-curiosity-practice-bonanza-with-jonathan-schooler/s-FM4JcJPYvfJ?si=d52e9f2ecd42420c8dc57c65fa6ec500&utm_source=clipboard&utm_medium=text&utm_campaign=social_sharing)

### ***Templeton Grant Features***

Curiosity has Two Faces (May 3, 2023)

<https://www.templeton.org/news/curiosity-has-two-faces>

### ***WNPR: Colin McEnroe Show***

What Happens When we Daydream? (March, 2023)

<https://www.ctpublic.org/show/the-colin-mcenroe-show/2023-03-15/lost-in-my-mind-what-happens-when-we-daydream>

### ***Self-improvement Atlas: The Personal Science Insights Podcast***

Dr. Jonathan Schooler: Aging Brain and Memory Loss (February, 2023)

<https://lnns.co/AzMkZbd3xeh>

***Brain for Business Podcast***

Exploring the benefits of mind-wandering, with Professor Jonathan Schooler, UC Santa Barbara  
<https://lnns.co/8NU6P7LtaGo>

***ConnectIONS***

*Are We More than Our Brains?* (November 18, 2022)  
<https://noetic.org/blog/more-than-our-brain/>

***The Soma Pod Podcast***

Mind-Wandering vs. Mind-Wondering (November, 2022)  
<https://lnns.co/jm-qy15voWR>

***The Common Creative Podcast***

Jonathan Schooler - *NEUROCREATIVITY 6: MindWondering* (October, 2022)  
<https://lnns.co/CoqIwVHum5v>

***A Little Help for Our Friends Podcast***

*Interview with Dr. Schooler: Discovered Memories of Abuse* (March, 2022)  
<https://lnns.co/GPnlDViehJC>

***Humans & Hope Podcast***

*What is our potential - and our limits - as individual human beings?* (December, 2021)  
<https://lnns.co/wL47BpgZWjq>

***Full PreFrontal: Exposing the Mysteries of Executive Function Podcast***

*From Mind Wandering to Mind Wondering* (May, 2021)  
<https://lnns.co/mANrH9k60F1>

***Ideas Roadshow Podcast***

*Mind-Wandering and Meta-Awareness* (Open Agenda, November, 2021)  
<https://lnns.co/oXfEkNrPFR3>

***The Filter Podcast***

*Jonathan Schooler on All Things META (August, 2021)*

<https://lnns.co/EYGDmBasTdK>

***The Soul of Life Podcast***

*Resonance Theory of Consciousness (May, 2021)*

<https://lnns.co/jm-qy15voWR>

***Closer to Truth Television Show/Webcast***

12-item series

<https://clostertotruth.com/contributor/jonathan-schooler/>

***The APS Observer***

If You'd Love to Create Something, Let it Go (October, 2022)

<https://www.psychologicalscience.org/observer/love-to-create-something-let-it-go>

***The APA Monitor***

The Science Behind Creativity (April, 2022)

<https://www.apa.org/monitor/2022/04/cover-science-creativity>

***The Conversation***

Why does love feel magical? It's an evolutionary advantage (July, 2022)

<https://theconversation.com/why-does-love-feel-magical-its-an-evolutionary-advantage-180443>

***National Geographic***

The Science of Why you Have Great Ideas in the Shower (August, 2022)

<https://www.nationalgeographic.com/magazine/article/the-science-of-why-you-have-great-ideas-in-the-shower>

***New York Magazine***

It's Healthy to Let Your Mind Wander (April 17, 2015)

<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>



Why the Old Look Down on the Young (Dec 15, 2019)

<https://www.wsj.com/articles/why-we-look-down-on-todays-kids-11575561273>

### ***Healio***

Mobile Therapy system monitors patients' progress, improves practice management (January 30, 2015)

<https://www.healio.com/psychiatry/practice-management/news/online/%7B90b2c90f-0d18-43cba6fb-5c864f610142%7D/mobile-therapy-system-monitors-patients-progress-improves-practicemanagerment>

### ***Tech Cocktail***

4 Reasons to Not Feel Guilty about Taking Breaks (August 15, 2014)

<http://tech.co/upjoy-breaks-happiness-app-2014-08>

### ***Tech Times***

Sit quietly or get electrocuted? See what men prefer (July 9, 2014)

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

### ***Space Daily***

Staying On Task in the Automated Cockpit (May 14, 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)

### ***Daily Free Press, Atlanta Black Star, Indian Express***

Meditation can boost test scores, study suggests (April 8, 2013)

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

### ***HT Health***

Meditation May Boost Test Scores (April 5, 2013)

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

### ***Time Magazine***

Can Meditation Improve Your Health? Here's What to Know (April 2, 2019)

<https://time.com/5556120/what-is-meditation/>

Can 'Mindfulness' Help You Focus? (March 27, 2013)

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

**CNN**

Daydream believer: Is a wandering mind a creative mind? (April 1, 2015)  
<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 (May 14, 2013)  
<https://www.psychologicalscience.org/publications/observer/obsonline/aps-journal-seeks-labs-to-participate-in-first-registered-replication-report-project.html>

**Huffington Post**

(What would Warhol Say?) Jonathan Schooler: The Science of Imagination (July 20, 2017)  
[https://www.huffpost.com/entry/what-would-warhol-say-jonathan-schooler-the-science\\_b\\_59711ad9e4b06b511b02c1f7](https://www.huffpost.com/entry/what-would-warhol-say-jonathan-schooler-the-science_b_59711ad9e4b06b511b02c1f7)

Is Mindfulness Harmful? (January 15, 2014)  
[http://www.huffingtonpost.com/dr-judson-brewer/mindfulness-practice\\_b\\_4602714.html](http://www.huffingtonpost.com/dr-judson-brewer/mindfulness-practice_b_4602714.html)  
 Mindfulness Could Improve College Students' Testing Ability, Study Finds (April 2, 2013)  
[http://www.huffingtonpost.com/2013/03/27/mindfulness-testing-focus-reading-comprehension\\_n\\_2957146.html](http://www.huffingtonpost.com/2013/03/27/mindfulness-testing-focus-reading-comprehension_n_2957146.html)

10 Important Reasons to Start Making Time for Silence, Rest and Solitude (November 3, 2014)  
[http://www.huffingtonpost.com/thai-nguyen/10-important-reasons-to-s\\_b\\_6035662.html](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-best-kept-secrets-to-e\\_b\\_5404937.html](http://www.huffingtonpost.com/emma-seppala-phd/the-best-kept-secrets-to-e_b_5404937.html)

**BBC**

The Creative Brain: How Insight Works (T.V. Special) (2013)  
<https://www.dailymotion.com/video/xy9ag1>

**Nature Magazine**

Metascience could rescue the 'replication crisis' (November 4, 2014)  
<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***

Why do we get our best ideas in the shower? (January, 2023)

<https://www.washingtonpost.com/wellness/2023/01/12/shower-thoughts-creativity-brain/>

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-yearseve-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-science-massive-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-you-unhappy-studies-show/2012/04/02/gIQACELLrS\\_story.html?socialreader\\_check=0&denied=1](http://www.washingtonpost.com/national/health-science/too-much-happiness-can-make-you-unhappy-studies-show/2012/04/02/gIQACELLrS_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 (October 9, 2014)

<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-of-daydreaming.html?printable=true>

The Truth Wears Off (December 13, 2010)

[http://www.newyorker.com/reporting/2010/12/13/101213fa\\_fact\\_lehrer](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](http://www.newyorker.com/reporting/2008/07/28/080728fa_fact_lehrer)

*The New York Times*

In Defense of Daydreaming: Letting your Mind Wander Can Benefit the Brain, Researchers Say (August, 2022)

<https://www.nytimes.com/2022/08/04/well/mind/daydreaming-benefits-brain.html?searchResultPosition=8>

Out with the Old (May 12, 2016)

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

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

[http://www.nytimes.com/2015/08/29/science/psychologists-welcome-analysis-casting-doubt-on-their-work.html?\\_r=0](http://www.nytimes.com/2015/08/29/science/psychologists-welcome-analysis-casting-doubt-on-their-work.html?_r=0)

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

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

The Myth of Just do It (June 9, 2013)

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

How Meditation Might Boost Your Test Score (April 3, 2013)

<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-to-you.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-an-iphone/?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-psychedelic/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-of-research-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-free-will/?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 schooler&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>

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](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 schooler&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>

### ***New Scientist***

How to hack your unconscious... to find your inner creativity (July 25, 2018)

<https://www.newscientist.com/article/0-how-to-hack-your-unconscious-to-find-your-innercreativity/#ixzz6S0tz0uj6>

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](http://www.latimes.com/health/la-he-brain-20100830,0,2743109_full.story)

#### Scientific American

The Hippies Were Right: It's All about Vibrations, Man! (December 5, 2018)

<https://blogs.scientificamerican.com/observations/the-hippies-were-right-its-all-about-vibrationsman/>

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

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

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

2011) <http://www.scientificamerican.com/article.cfm?id=living-in-a-dream-world>

Scientists say free will 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-201004-06>

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

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

#### *Smithsonian Magazine*

Need a Creative Boost? Nap Like Thomas Edison and Salvador Dalí (December, 2021)

<https://www.smithsonianmag.com/smart-news/the-first-stage-of-sleep-is-a-creative-sweet-spot-180979211/>

#### *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/](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-crucialmentalstate>

### ***Psychology Today***

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

<http://www.psychologytoday.com/blog/the-power-daydreaming/201004/mind-wanderingenhancescreative-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](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)

[http://www.boston.com/bostonglobe/ideas/articles/2008/08/31/daydream\\_achiever/](http://www.boston.com/bostonglobe/ideas/articles/2008/08/31/daydream_achiever/)

Paying attention to not paying attention (March 20, 2007)

[http://www.boston.com/news/education/higher/articles/2007/03/20/paying\\_attention\\_to\\_not\\_paying\\_attention](http://www.boston.com/news/education/higher/articles/2007/03/20/paying_attention_to_not_paying_attention)

### ***Science News***

Road to Eureka: Insight may lie at the end of a chain of neural reactions (March 22, 2008)

[http://www.sciencenews.org/view/feature/id/9502/title/Road\\_to\\_Eureka%21](http://www.sciencenews.org/view/feature/id/9502/title/Road_to_Eureka%21)

Neural Road to Repression: Brain may block out undesired memories (January 10, 2004)

[http://www.sciencenews.org/view/generic/id/4615/title/Neural\\_Road\\_to\\_Repression\\_Brain\\_may\\_block\\_out\\_undesired\\_memories](http://www.sciencenews.org/view/generic/id/4615/title/Neural_Road_to_Repression_Brain_may_block_out_undesired_memories)

### ***Science Channel***

Through the Wormhole with Morgan Freeman (July 24, 2013)

<http://www.sciencechannel.com/tv-shows/through-the-wormhole/>

### ***Women's Health Magazine***

How Mindless Tasks Will Boost Your Brainpower (October 18, 2012)

<http://www.womenshealthmag.com/life/how-mindless-tasks-will-boost-your-brainpower>



***Psych Central***

Real Change May Come in Bunches (May 16, 2016)

<https://psychcentral.com/news/2016/03/28/real-change-may-come-in-bunches/101026.html>

***The Atlantic***

There's No Such Thing as Free Will but We're Better Off Believing in it Anyway. (June 2016)

<https://www.theatlantic.com/magazine/archive/2016/06/theres-no-such-thing-as-free-will/480750/>

The Worst Part of Keeping a Secret (May 15, 2017)

[https://www.theatlantic.com/health/archive/2017/05/shhhhh/526581/?utm\\_source=feed](https://www.theatlantic.com/health/archive/2017/05/shhhhh/526581/?utm_source=feed)

***The Saturday Evening Post***

The Eureka Factor The search to understand where great ideas come from. (June 27, 2016)

<https://www.saturdayeveningpost.com/2016/06/the-eureka-factor/>

***Health Magazine***

Stuck on a Problem? Let Your Mind Wander, Researchers Say (June 23, 2016)

<https://www.health.com/mind-body/quiet-mind-creativity-boost>

***The Current***

Centered minds (July 13, 2016)

<https://www.news.ucsb.edu/2016/017015/focused-research>

***Shape Magazine***

Why Wasting Time On Useless Stuff Is Important to Your Health (December 2016)

<https://www.shape.com/lifestyle/mind-and-body/why-wasting-time-useless-stuff-important-yourhealth>

Why It's Important to Schedule More Downtime for Your Brain (March 2017)

<https://www.shape.com/lifestyle/mind-and-body/why-its-important-schedule-more-downtime-yourbrain>

***Car and Driver***

Comfortably Dumb: If the Car Is Doing the Driving, Will Anybody Be Doing the Thinking? (April 27, 2017)

<https://www.caranddriver.com/news/a15341606/comfortably-dumb-if-the-car-is-doing-the-driving-will-anybody-be-doing-the-thinking/>

***Slate***

Daryl Bem Proved ESP Is Real, which means science is broken. (June 7, 2017)

<https://slate.com/health-and-science/2017/06/daryl-bem-proved-esp-is-real-showed-science-is-broken.html>

***World Economic Forum***

Writer's block? Happiness research says this could be the key to creativity (May 22, 2017)

<https://www.weforum.org/agenda/2017/05/happiness-research-suggests-this-is-the-biggest-obstacle-to-your-creativity/>

***The Telegraph***

Meaningfulness and happiness – are they the same thing? (July 27, 2017)

<https://www.telegraph.co.uk/health-fitness/mind/meaningfulness-happiness-thing/>

***Fleet Owner***

Keep your mind from 'zoning out' on the road (September 18, 2017)

<https://www.fleetowner.com/resource-center/driver-management/article/21701009/keep-your-mind-from-zoning-out-on-the-road>

***Reader's Digest***

The Meaning (and Science) Behind Those Life-Changing, Transformational Aha Moments (April 22, 2018) <https://www.rd.com/article/aha-moments/>

***Experience Talks***

Dr. Jonathan Schooler and Denise Thoman (Podcast) (August 30, 2018)

<https://experiencetalks.org/shows/9-30-18-dr-jonathan-schooler-and-denise-thoman/>

***Quartz at Work***

Our obsession with productivity is making it harder to solve simple problems (February 22, 2019)

<https://qz.com/work/1554702/why-your-brain-needs-idle-time/>

***WGBH Living Lab Radio***

Mind Wandering Can Yield Breakthroughs (April 1, 2019)

<https://www.wgbh.org/news/science-and-technology/2019/04/01/mind-wandering-can-yield-breakthroughs>

***Thrive Global***

Try This Now: This Mindfulness Trick Will Improve Your Memory (July 10, 2019)

<https://thrivglobal.com/stories/improve-better-memory-focus-mindfulness-trick-how-to-tips/>

***Medium***

Is There a Perfect Time of Day to Meditate? (July 11, 2019)

<https://elemental.medium.com/is-there-a-perfect-time-of-day-to-meditate-f9e4441072c7>

***Popular Science***

Kids these days only seem dumb if you think you're a genius (October 31, 2019)

<https://www.popsoci.com/kids-these-days-only-seem-dumb-if-you-think-youre-genius/>

***UC Science Today***

The Cognitive Value of day-dreaming (January 19, 2017)

[https://soundcloud.com/sciencetoday/daydreaming\\_cognition](https://soundcloud.com/sciencetoday/daydreaming_cognition)

***Mind Meld***

The Answer You Seek Will Bring More Questions with Dr. Jonathan Schooler (Podcast) (December 12, 2018)

<https://thirdeyedrops.com/jonathan-schooler/>

***Bulletproof Radio***

How to Use Mind-Wandering for a Better Brain (Podcast) (July 9, 2019)

<https://www.youtube.com/watch?v=wCl594CkYtg>

*Last Updated 09-18-2024*