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Karl K. Szpunar | Curriculum Vitae

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ACADEMIC POSITION

2015- Assistant Professor, Department of Psychology
 University of Illinois at Chicago

TRAINING AND EDUCATION

2010-2015 **Postdoctoral Fellow**, Harvard University
2009-2010 **Postdoctoral Fellow**, Rotman Research Institute
2009 **Ph.D.**, Washington University in St. Louis
2005 **A.M.**, Washington University in St. Louis
2003 **Honors B.Sc.** (High Distinction), University of Toronto

HONORS AND AWARDS

2018 Psychonomic Society Early Career Research Award
2012 Association for Psychological Science Rising Star
2008 Washington University Dissertation Fellowship
2008 Washington University Dean's Award for Teaching Excellence
2008 Washington University Outstanding Teaching Assistant Award
2003 Ontario Graduate Scholarship
2002 National Sciences and Engineering Research Council of Canada
 (NSERC) Undergraduate Research Award
2001 Golden Key International Honor Society
2000-2003 University of Toronto Dean's List Scholar

RESEARCH INTERESTS

The psychology of future thinking: applying advanced experimental, fMRI, and statistical techniques toward elucidating the cognitive and neural mechanisms that support the ability to think about the future

Human learning and memory: using novel experimental approaches to identify techniques for improving student learning and attention

PUBLICATIONS (* indicates supervised graduate student)

Google Scholar H-index = 30

Edited Books

1. **Szpunar, K.K.**, & Radvansky, G.A. (Eds.). (2017). *Imagining the Future: Insights from Cognitive Psychology*. Routledge.
2. Michaelian, K., Klein, S.B., & **Szpunar, K.K.** (Eds.). (2016). *Seeing the future: Theoretical perspectives on future-oriented mental time travel*. Oxford: Oxford University Press.

Articles published in peer-reviewed journals

3. *Shrikanth, S., Szpunar, P.M., **Szpunar, K.K.** (in press). Staying positive in a dystopian future: A novel dissociation between personal and collective cognition. *Journal of Experimental Psychology: General*.
4. Chan, J.C.K., Manley, K.D., Davis, S.D., & **Szpunar, K.K.** (2018). Testing potentiates new learning across a retention interval and a lag: A strategy change perspective. *Journal of Memory and Language, 102*, 83-96.
5. St. Jacques, P.L., Carpenter, A.C., **Szpunar, K.K.**, & Schacter, D.L. (2018). Remembering and imagining alternative versions of the personal past. *Neuropsychologia, 110*, 170-179.
6. **Szpunar, K.K.**, & Chan, J.C.K. (2018). Beyond communication: Episodic memory is key to the self in time. *Behavioral and Brain Sciences, 41*, e33-e33.
7. De Brigard, F., Parihk, N., Stewart, G.W., **Szpunar, K.K.**, & Schacter, D.L. (2017). Neural activity associated with repetitive simulation of episodic counterfactual thoughts. *Neuropsychologia, 106*, 123-132.
8. *Puig, V.A., & **Szpunar, K.K.** (2017). The devil is in the details: Comparisons of episodic simulations of positive and negative future events. *Emotion, 17*, 867-873.
9. Schacter, D.L., Benoit, R.G., & **Szpunar, K.K.** (2017). Episodic future thinking: Mechanisms and functions. *Current Opinions in Behavioral Sciences, 17*, 41-50.
10. **Szpunar, K.K.** (2017). Directing the wandering mind. *Current Directions in Psychological Science, 26*, 40-44.

11. St. Jacques, P.L., **Szpunar, K.K.**, & Schacter, D.L. (2017). Shifting visual perspective during retrieval shapes autobiographical memories. *NeuroImage*, *148*, 103-114.
12. Madore, K.P., **Szpunar, K.K.**, Addis, D.R., & Schacter, D.L. (2016). An episodic specificity induction impacts activity in a core brain network during construction of imagined future experiences. *Proceedings of the National Academy of Sciences of the United States of America*, *113*, 10696-10701.
13. Szpunar, P.M., & **Szpunar, K.K.** (2016). Collective future thought: Concept, function and implications for collective memory studies. *Memory Studies*, *9*, 376-389.
14. Jing, H.G., **Szpunar, K.K.**, & Schacter, D.L. (2016). Interpolated testing influences focused attention and improves integration of information during a video-recorded lecture. *Journal of Experimental Psychology: Applied*, *22*, 305-318.
15. McDermott, K.B., Wooldridge, C., Rice, H.J., Berg, J.J., & **Szpunar, K.K.** (2016). Visual perspective in remembering and episodic future thought. *Quarterly Journal of Experimental Psychology*, *69*, 243-253.
16. **Szpunar, K.K.**, & Radvansky, G.A. (2016). Cognitive approaches to the study of episodic future thinking. *Quarterly Journal of Experimental Psychology*, *69*, 209-216.
17. **Szpunar, K.K.**, Jing, H.G., Benoit, R.G., & Schacter, D.L. (2015). Repetition-related reductions in neural activity during emotional simulations of future events. *PLoS ONE*, *10*, e0138354.
18. Wu, J.Q., **Szpunar, K.K.**, Godovich, S.A., Schacter, D.L., & Hofmann, S.G. (2015). Episodic future thinking in generalized anxiety disorder. *Journal of Anxiety Disorders*, *36*, 1-8.
19. Schacter, D.L., Benoit, R.G., De Brigard, F., & **Szpunar, K.K.** (2015). Episodic future thinking and episodic counterfactual thinking: Intersections between memory and decisions. *Neurobiology of Learning and Memory*, *117*, 14-21.
20. Schacter, D.L., & **Szpunar, K.K.** (2015). Enhancing attention and memory during video-recorded lectures. *Scholarship of Teaching and Learning in Psychology*, *1*, 60-71.
21. Benoit, R.G., **Szpunar, K.K.**, & Schacter, D.L. (2014). Ventromedial prefrontal cortex supports affective future simulation by integrating

- distributed knowledge. *Proceedings of the National Academy of Sciences of the United States of America*, 111, 16550-16555.
22. **Szpunar, K.K.**, Jing, H.G., & Schacter, D.L. (2014). Overcoming overconfidence in learning from video-recorded lectures: Implications of interpolated testing for online education. *Journal of Applied Research in Memory and Cognition*, 3, 161-164.
 23. **Szpunar, K.K.**, Spreng, R.N., & Schacter, D.L. (2014). A taxonomy of prospection: Introducing an organizational framework for future-oriented cognition. *Proceedings of the National Academy of Sciences of the United States of America*, 111, 18414-18421.
 24. **Szpunar, K.K.**, St. Jacques, P.L., Robbins, C.A., Wig, G.S., & Schacter, D.L. (2014). Repetition-related reductions in neural activity reveal component processes of mental simulation. *Social Cognitive and Affective Neuroscience*, 9, 712-722.
 25. Weinstein, Y., Gilmore, A.W., **Szpunar, K.K.**, & McDermott, K.B. (2014). The role of test expectancy in the build-up of proactive interference in long-term memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 40, 1039-1048.
 26. De Brigard, F., **Szpunar, K.K.**, & Schacter, D.L. (2013). Coming to grips with the past: Effect of repeated simulation on the perceived plausibility of episodic counterfactual thoughts. *Psychological Science*, 24, 1329-1334.
 27. **Szpunar, K.K.**, and Jing, H.G. (2013). Memory-mediated simulations of the future: What are the advantages and pitfalls? *Journal of Applied Research in Memory and Cognition*, 2, 240-242.
 28. **Szpunar, K.K.** & Schacter, D.L. (2013). Get real: Effects of repeated simulation and emotion on the perceived plausibility of future experiences. *Journal of Experimental Psychology: General*, 142, 323-327.
 29. **Szpunar, K.K.**, Addis, D.R., McLelland, V.C., & Schacter, D.L. (2013). Memories of the future: New insights into the adaptive value of episodic memory. *Frontiers in Behavioral Neuroscience*, 7, Article 47.
 30. **Szpunar, K.K.**, Khan, N.Y., & Schacter, D.L. (2013). Interpolated memory tests reduce mind wandering and improve learning of online lectures. *Proceedings of the National Academy of Sciences of the United States of America*, 110, 6313-6317.
 31. **Szpunar, K.K.**, Moulton, S.T., & Schacter, D.L. (2013). Mind wandering and education: From the classroom to online learning. *Frontiers in Psychology: Perception Science*, 4, Article 495.

32. Schacter, D.L., Addis, D.R., Hassabis, D., Martin, V.C., Spreng, R.N., & **Szpunar, K.K.** (2012). The future of memory: Remembering, imagining, and the brain. *Neuron*, *76*, 677-694.
33. **Szpunar, K.K.**, Addis, D.R., & Schacter, D.L. (2012). Memory for emotional simulations: Remembering a rosy future. *Psychological Science*, *23*, 24-29.
34. Arnold, K.M., McDermott, K.B., & **Szpunar, K.K.** (2011). Individual differences in time perspective predict autonoetic experience. *Consciousness and Cognition*, *20*, 712-719.
35. Arnold, K.M., McDermott, K.B., & **Szpunar, K.K.** (2011). Imagining the near and far future: The role of location familiarity. *Memory & Cognition*, *39*, 954-967.
36. **Szpunar, K.K.** (2011). On subjective time. *Cortex*, *47*, 409-411.
37. Weinstein, Y., McDermott, K.B., & **Szpunar, K.K.** (2011). Testing during study insulates against proactive interference in face-name learning. *Psychonomic Bulletin & Review*, *18*, 518-523.
38. **Szpunar, K.K.** (2010). Episodic future thought: An emerging concept. *Perspectives on Psychological Science*, *5*, 142-162.
39. **Szpunar, K.K.** (2010). Evidence for an implicit influence of memory on future thinking. *Memory & Cognition*, *38*, 531-540.
40. McDermott, K.B., **Szpunar, K.K.**, & Christ, S.E. (2009). Laboratory-based and autobiographical retrieval tasks differ substantially in their neural substrates. *Neuropsychologia*, *47*, 2290-2298.
41. **Szpunar, K.K.**, Chan, J.C.K., & McDermott, K.B. (2009). Contextual processing in episodic future thought. *Cerebral Cortex*, *19*, 1539-1548.
42. Tulving, E. & **Szpunar, K.K.** (2009). Episodic memory. *Scholarpedia*, *4*(8), 3332.
43. **Szpunar, K.K.**, McDermott, K.B., & Roediger, H.L. (2008). Testing during study insulates against the build-up of proactive interference. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *34*, 1392-1399.
44. **Szpunar, K.K.** & McDermott, K.B. (2008). Episodic future thought and its relation to remembering: Evidence from ratings of subjective experience. *Consciousness and Cognition*, *17*, 330-334.

45. **Szpunar, K.K.**, Watson, J.M., & McDermott, K.B. (2007). Neural substrates of envisioning the future. *Proceedings of the National Academy of Sciences of the United States of America*, *104*, 642-647.
46. **Szpunar, K.K.**, McDermott, K.B., & Roediger, H.L. (2007). Expectation of a final cumulative test enhances long-term retention. *Memory & Cognition*, *35*, 1007-1013.
47. McDermott, K.B. & **Szpunar, K.K.** (2005). The origin(s) of confabulation. *Trends in Cognitive Sciences*, *9*, 561-562.
48. **Szpunar, K.K.**, Schellenberg, E.G., & Pliner, P. (2004). Liking and memory for musical stimuli as a function of exposure. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *30*, 370-381.

Book Chapters

49. **Szpunar, K.K.**, ***Shrikanth, S.**, & Schacter, D.L. (in press). Varieties of future thinking. In Oettingen, G., Sevincer, A.T., & Gollwitzer, P.M. (Eds.), *The psychology of thinking about the future*. New York: Guilford Press.
50. **Szpunar, K.K.**, & Schacter, D.L. (in press). Memory and future imagining. In Phelps, L., & Davachi, L. (Eds.), *Stevens' handbook of experimental psychology (4th ed., Vol. 1: Learning and memory)*. Hoboken, NJ: John Wiley & Sons, Inc.
51. Schacter, D.L., Addis, D.R., & **Szpunar, K.K.** (2017). Escaping the past: Contributions of the hippocampus to future thinking and imagination. In Hannula, D.E., & Duff, M.C. (Eds.) *The hippocampus from cells to systems: Structure, connectivity, and functional contributions to memory and flexible cognition* (pp. 439-465). New York: Springer.
52. Michaelian, K., Klein, S.B., & **Szpunar, K.K.** (2016). The past, the present, and the future of future-oriented mental time travel. In Michaelian, K., Klein, S.B., & Szpunar, K.K. (Eds.) *Seeing the future: Theoretical perspectives on future-oriented mental time travel* (pp. 1-18). New York: Oxford University Press.
53. **Szpunar, K.K.**, Spreng, R.N., & Schacter, D.L. (2016). Toward a taxonomy of future thinking. In Michaelian, K., Klein, S.B., & Szpunar, K.K. (Eds.) *Seeing the future: Theoretical perspectives on future-oriented mental time travel* (pp. 21-35). New York: Oxford University Press.
54. Arnold, K.M., & **Szpunar, K.K.** (2015). Differences in time perspective predict differences in future simulations. In Stolarski, M., Fioulaine, N., & van Beek, W. (Eds.), *Time Perspective Theory: Review, Research and*

Application (pp. 257-268). *Essays in Honor of Philip G. Zimbardo*. Springer.

55. Tulving, E. & **Szpunar, K.K.** (2012). Does the future exist? In Levine, B. & Craik, F.I.M. (Eds.), *Mind and the frontal lobes: Cognition, behavior, and brain imaging* (pp. 248-263). New York: Oxford University Press.
56. McDermott, K.B., **Szpunar, K.K.**, & Arnold, K.M. (2011). Similarities in episodic future thought and remembering: The importance of contextual setting. In Bar, M. (Ed.), *Predications in the brain: Using our past to generate a future* (pp. 83-94). New York: Oxford University Press.
57. **Szpunar, K.K.** & Tulving, E. (2011). Varieties of future experience. In Bar, M. (Ed.), *Predications in the brain: Using our past to generate a future* (pp. 3-12). New York: Oxford University Press.
58. **Szpunar, K.K.** & McDermott, K.B. (2008). Episodic future thought: Remembering the past to imagine the future. In Markman, K.D., Klein, W.M.P., & Suhr, J.A. (Eds.), *The handbook of imagination and mental simulation* (pp. 119-129). New York: Psychology Press.
59. **Szpunar, K.K.** & McDermott, K.B. (2008). Episodic memory: An evolving concept. In Roediger, H.L. (Ed.), *Cognitive psychology of memory*. Vol. 2 of *Learning and memory: A comprehensive reference*, 4 vols. (J.H. Byrne, Ed.) (pp. 491-509). Oxford: Elsevier.

Reprinted In: J.H. Byrne (Ed.), Concise learning and memory: The editor's selection. London Academic Press, 2009 (pp. 129-148).
60. **Szpunar, K.K.** & McDermott, K.B. (2008). Remembering the past to imagine the future. In *Cerebrum: Emerging ideas in brain science* (Ch. 2, pp. 17-27). New York: Dana Press.

RESEARCH GRANTS

Pending

Title: Improving attention and learning for lecture-based material with interpolated retrieval practice.

Agency: National Science Foundation

Role: Principal Investigator

Amount Requested: \$683,534

Completed

Title: Applying principles of cognitive psychology to the classroom: Using interpolated tests to improve attention and learning in a live lecture.

Agency: EdCog LIVE Lab Grant, McMaster University

Role: Principal Investigator

Amount: \$14,000

Funding Period: 2014-2015

Title: Improving self-regulated learning from online lectures.

Agency: Office of the Provost, Harvard University.

Role: Principal Investigator

Amount: \$14,500

Funding Period: 2013-2014

Title: Test-enhanced learning: Applying principles of cognitive psychology to education.

Agency: Harvard Initiative for Learning and Teaching

Role: Principal Investigator

Amount: \$49,363

Funding Period: 2012-2014

PRESENTATIONS

Invited Talks and Addresses (* indicates keynote presentation)

- Collective future thinking. Talk to be presented at Princeton University, Cognitive Seminar Series, Princeton, NJ (October, 2018).
- Collective future thinking. Talk to be presented at Iowa State University, Cognitive Seminar Series, Ames, IA (September, 2018).
- Collective future thinking. Talk presented at the Center on Autobiographical Memory Research, Aarhus, Denmark (April, 2018).
- *The psychology of future thinking: From personal to collective cognition. Keynote presented at the 5th International Conference on Prospective Memory, Melbourne, Australia (January, 2018).
- The psychology of future thinking: Insights into dissociations between the personal and collective future. Talk presented at Duke University, Psychology & Neuroscience Colloquium Series, Durham, NC (December, 2017).
- Staying positive in a dystopian future: Evidence for a valence-based dissociation between personal and collective cognition. Talk presented at

Washington University in St. Louis, Brain, Behavior, and Cognition Colloquium, St. Louis, MO (October, 2017).

- Staying positive in a dystopian future: Evidence for a valence-based dissociation between personal and collective cognition. Talk presented at the University of Illinois at Chicago, Social Psychology Colloquium, Chicago, IL (October, 2017).
- Episodic simulation of emotional future events. Talk presented at the University of Illinois at Chicago, Clinical Psychology Colloquium, Chicago, IL (August, 2017).
- Episodic simulation of emotional future events. Talk presented at the University of Waterloo, Psychology Department Colloquium, Waterloo, ON (July, 2016).
- Using interpolated testing to refocus attention and enhance integration during learning. Talk presented at the 88th Annual Meeting of the Midwestern Psychological Association. Chicago, IL (May, 2016).
- Directing the wandering mind: Using memory tests to boost attention and learning from lecture materials. Talk presented at the University of Chicago, Psychology Department Colloquium, Chicago, IL (April, 2016).
- Directing the wandering mind: Using memory tests to boost attention and learning from lecture materials. Talk presented at the University of Illinois at Urbana-Champaign, Cognitive Psychology Brown Bag Series, Champaign, IL (April, 2016).
- Towards an understanding of the relation(s) between mind wandering and learning. Talk presented at the University of Notre Dame, Cognitive Psychology Brown Bag Series, Notre Dame, IN (November, 2015).
- Research in Learning More: A Marriage of Cognitive Psychology and Digital Learning. Panel discussion at Massachusetts Institute of Technology (April, 2015).
- Taming the wandering mind: Improving attention and learning during lectures. Talk presented at 44th annual meeting of the Lower Ontario Visionary Establishment (February, 2015).
- Taming the Wandering Mind: Improving attention and learning during lectures. Talk presented at McMaster Symposium on Education and Cognition (August, 2014).
- Re-structuring online lectures: The role of interpolated testing. Talk presented at HarvardX Wednesday Workshop (March, 2014).

- Taming the wandering mind: Improving attention and learning during lectures. Talk presented at the University of Virginia, Department of Psychology Colloquium, Charlottesville, VA (January, 2014).
- Taming the wandering mind: Improving attention and learning during lectures. Talk presented at McGill University, Department of Psychology Colloquium, Montreal, QC (January, 2014).
- Taming the wandering mind: Improving attention and learning during lectures. Talk presented at the University of Utah, Department of Psychology Colloquium, Salt Lake City, UT (December, 2013).
- Improving attention and learning for video-recorded modules. Talk presented at Boston Children's Hospital, OPENPediatrics, Boston, MA (December, 2013).
- Taming the wandering mind: Improving attention and learning during lectures. Talk presented at University of Illinois at Chicago, Department of Psychology Colloquium, Chicago, IL (November, 2013).
- Improving attention to and learning from online lectures. Talk presented at the 54th annual meeting of the Psychonomic Society, From Principles of Cognitive Science to MOOCS: A Workshop in Honor of William K. Estes, Toronto, Canada (November, 2013).
- Blended classrooms: How intermittent memory tests reduce mind wandering and improve online learning. Talk presented at Learning & the Brain: Engaging student minds, Boston, MA (November, 2013).
- Improving attention to and learning from online lectures. Talk presented at Yale University, Current Work in Cognitive Psychology Series, New Haven, CT (October, 2013).
- Improving learning from classroom lectures. Talk presented at Georgia Southern University, Department of Psychology Colloquium, Statesboro, GA (September, 2013).
- *Remembering extended study sequences. Keynote presented at Center for Functionally Integrated Neuroscience/MINDLab Retreat, Aarhus, Denmark (August, 2013).
- Cognitive and neural mechanisms that sustain repeated simulations of negative future events. Talk presented at Center on Autobiographical Memory Research – Con Amore, Aarhus, Denmark (August, 2013).
- Repetition-related reductions in neural activity reveal component processes of mental simulation. Talk presented at the VA Boston Neuropsychology/Neuroimaging Lecture Series (April, 2013).

- Episodic future thinking: Structure and function. Talk presented at the Department of Psychology at Columbia University (December, 2012).
- Episodic future thinking: Structure and function. Talk presented at the Department of Psychology at Purdue University (December, 2012).
- Episodic future thinking: Brain and cognition. Talk presented at the Department of Psychology Cognition, Brain and Behavior Research Seminar at Harvard University (November, 2012).
- Episodic future thinking: Structure and function. Talk presented at the Department of Psychology Colloquium Series at Colby College (October, 2011).

Additional Conference Presentations

- Collective future thinking. Talk to be presented as part of a co-chaired session entitled “Collaborative remembering and collective memory” at the 59th annual meeting of the Psychonomic Society, New Orleans, LA (November, 2018).
- Interpolated testing improves attention, learning, and integration of information presented in video-recorded lectures. Talk presented as part of a co-chaired session entitled “Test-potentiated (new) learning: New developments and unanswered questions” at the 56th annual meeting of the Psychonomic Society, Chicago, IL (November, 2015).
- Memory for simulations of the future. Talk presented at 10th annual meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, Netherlands (June, 2013).
- Remembering online lectures: Interpolating memory tests reduces mind wandering and improves learning. Talk presented at 10th annual meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, Netherlands (June, 2013).
- Isolating contributions of the default network to future event simulation. Talk presented at 10th annual meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, Netherlands (June, 2013).
- Memory for simulations of the future. Talk presented at the 24th annual meeting of the Association for Psychological Science, Chicago, IL (May, 2012).
- Brain regions involved in autobiographical memory and projecting oneself into the future. Talk presented at the 4th meeting of the International Conference on Memory, Sydney, Australia (July, 2006).

Selected Conference Posters

- Shrikanth, S., Szpunar, P.M., & Szpunar, K.K. (2018). Staying positive in a dystopian future: A novel dissociation between personal and collective cognition. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Atlanta, Georgia.
- Puig, V.A., & Szpunar, K.K. (2017). A negativity bias in detail generation during event simulation. Poster presented at the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.
- Shrikanth, S., Szpunar, P.M., & Szpunar, K.K. (2017). Staying positive in a dystopian future: A novel dissociation between personal and collective cognition. Poster presented at the 58th annual meeting of the Psychonomic Society, Vancouver, Canada.
- Manley, K.D., Davis, S.D., Chan, J.C.K., & Szpunar, K.K. (2016). Testing potentiates new learning when retrieval or encoding is delayed. Poster presented at the 57th annual meeting of the Psychonomic Society, Boston, MA.
- Puig, V.A., & Szpunar, K.K. (2016). Comparing mental simulations of positive and negative events: The devil is in the details. Poster presented at the 57th annual meeting of the Psychonomic Society, Boston, MA.
- Shrikanth, S., & Szpunar, K.K. (2016). The role of semantic knowledge in simulating coherent and detailed future events: Insights from an experimental recombination procedure. Poster presented at the 57th annual meeting of the Psychonomic Society, Boston, MA.
- Shrikanth, S., & Szpunar, K.K. (2016). The role of semantic knowledge in simulating coherent and detailed future events: Insights from an experimental recombination procedure. Poster presented at the 28th annual meeting of the Association for Psychological Science, Chicago, IL.
- Jing, H.G., Szpunar, K.K., & Schacter, D.L. (2015). Interpolated testing improves integration of information in online learning. Poster presented at the 56th annual meeting of the Psychonomic Society, Chicago, IL.
- Szpunar, K.K., Jing, H.G., & Schacter, D.L. (2014). Testing early and often: The presence or absence of the first test in an interpolated sequence determines the effectiveness of subsequent learning. Poster presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA.
- Szpunar, K.K., Jing, H.G., & Schacter, D.L. (2014). Pulvinar and orbitofrontal cortex demonstrate selective and dissociable reductions in neural responding to repeated simulations of emotional future events. Poster to be presented at the 21st annual meeting of the Cognitive Neuroscience Society, Boston, MA.

- Szpunar, K.K., Jing, H.G., & Schacter, D.L. (2013). Interpolated testing during online lectures helps students to monitor their learning. Poster presented at the 54th annual meeting of the Psychonomic Society, Toronto, Canada.
- Szpunar, K.K., Addis, D.R., & Schacter, D.L. (2011). Memory for emotional simulations: Remembering a rosy future. Poster presented at the 52nd annual meeting of the Psychonomic Society, Seattle, WA.
- Szpunar, K.K., Wig, G.S., St. Jacques, P.L., Robbins, C.A., & Schacter, D.L. (2011). Identifying the component processes of mental simulation: Evidence from repetition-related decreases of the BOLD response. Poster presented at the 18th annual meeting of the Cognitive Neuroscience Society, Montreal, Canada.
- Weinstein, Y., Szpunar, K.K., & McDermott, K.B. (2010). Testing and proactive interference. Poster presented at the 51st annual meeting of the Psychonomic Society, St. Louis, MO.
- Szpunar, K.K. (2009). Evidence for an implicit influence of memory on future thinking. Poster presented at the 50th annual meeting of the Psychonomic Society, Boston, MA.
- Arnold, K.M., Szpunar, K.K., & McDermott, K.B. (2009). Vividness of episodic future thought and episodic memory are differentially affected by temporal distance. Poster presented at the 50th annual meeting of the Psychonomic Society, Boston, MA.
- Arnold, K.M., Szpunar, K.K., & McDermott, K.B. (2009). Temporal distance differentially affects vividness of episodic future thought and episodic memory. Poster presented at the 21st annual meeting of the Association for Psychological Science, San Francisco, CA.
- Szpunar, K.K., Kang, S.H., Umanath, S., Wilkie, L., McDermott, K.B., & Roediger, H.L. (2008). Testing insulates against build-up of proactive interference. Poster presented at the 49th annual meeting of the Psychonomic Society, Chicago, IL.
- Wooldridge, C.L., Rice, H.J., Szpunar, K.K., & McDermott, K.B. (2008). Visual perspective in memory and episodic future thought. Poster presented at the 49th annual meeting of the Psychonomic Society, Chicago, IL.
- Wooldridge, C.L., Rice, H.J., Szpunar, K.K., & McDermott, K.B. (2008). Memory and episodic future thought: First- and third-person perspectives. Poster presented at the 20th annual meeting of the Association for Psychological Science, Chicago, IL.

- Szpunar, K.K., Chan, J.C.K., & McDermott, K.B. (2008). Contextual processing in episodic future thought. Poster presented at the 15th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Szpunar, K.K., McDermott, K.B., & Roediger, H.L. (2007). Testing during study insulates against build-up of proactive interference. Poster presented at the 48th annual meeting of the Psychonomic Society, Long Beach, CA.
- Szpunar, K.K., & McDermott, K.B. (2006). From episodic memory to auto-noetic consciousness: What is the relationship between the personal past and future? Poster presented at the 47th annual meeting of the Psychonomic Society, Houston, TX.
- Szpunar, K.K., McDermott, K.B., & Roediger, H.L. (2005). "I'll never need to know that again": Can taking a memory test mimic an instruction to forget? Poster presented at the 17th annual meeting of the Association for Psychological Science, Los Angeles, CA.
- Szpunar, K.K., Schellenberg, E.G., & Pliner, P. (2003). Liking and memory for musical stimuli as a function of exposure. Poster presented at the 44th annual meeting of the Psychonomic Society, Vancouver, Canada.

EDITORIAL DUTIES AND REVIEWING

Editorial Boards

Imagination, Cognition, and Personality, 2015-
 Journal of Memory and Language, 2015-
 Memory & Cognition, 2016-
 Journal of Applied Research in Memory and Cognition, 2017-

Additional Journal Editing

Guest Editor: *Quarterly Journal of Experimental Psychology*, Special Issue on Episodic Future Thinking. Gabriel Radvansky & Karl Szpunar (Eds.). Published: February 2016.

Journal Review (ad hoc, 50 journals)

Acta Psychologica • Aging, Neuropsychology and Cognition • American Psychologist • Behavioral Sciences • Biological Psychiatry • British Journal of Psychology • Cerebral Cortex • Clinical Psychological Science • Cognition • Cognition and Emotion • Cognitive Neuropsychology • Consciousness and Cognition • Cortex • Current Biology • Current Directions in Psychological Science • Emotion; Experimental Psychology • Frontiers in Behavioral

Neuroscience • Frontiers in Cognitive Science • Frontiers in Psychology • Hippocampus • Human Brain Mapping • Journal of Applied Research in Memory and Cognition • Journal of Behavioral Decision Making • Journal of Behavioral Therapy and Experimental Psychiatry • Journal of Cognitive Neuroscience • Journal of Cognitive Psychology • Journal of Experimental Psychology: Applied • Journal of Experimental Psychology: General • Journal of Experimental Psychology: Learning, Memory, and Cognition • Journal of Memory and Language • Journal of Neuropsychology • Journal of Neuroscience • Memory • Memory & Cognition • Nature: Climate Change • NeuroImage • Neuropsychologia • New Ideas in Psychology • Perspectives on Psychological Science • PLoS ONE • Psychological Research • Psychological Review • Psychological Science • Psychology of Consciousness: Theory, Research, and Practice • Psychonomic Bulletin & Review • Quarterly Journal of Experimental Psychology • Science • Scholarship of Teaching and Learning in Psychology • WIREs Cognitive Science

PROFESSIONAL MEMBERSHIPS

American Psychological Association • Association for Psychological Science • Cognitive Neuroscience Society • Psychonomic Society • Society for Applied Research in Memory and Cognition

SELECTED EXAMPLES OF MEDIA COVERAGE

Future Thinking

2017 Imagining the future is just another form of memory, *The Atlantic*

<https://www.theatlantic.com/science/archive/2017/10/imagining-the-future-is-just-another-form-of-memory/542832/> (article)

<https://www.youtube.com/watch?v=TrKWloN88Dk> (video)

2013 Imagining the future invokes your memory: Why we tend to predict rosy times ahead, *Scientific American*

2013 What might have been and what could be, *Psychology Today*

2012 Memories of the future, *Huffington Post*

2007 Scan shows how brains plot future, *BBC News*

2007 Future plans may rely on memories: U.S. study, *CBC News*

2007 See the future by concentrating on the past, *ABC News*

2007 The future you: déjà vu?, *CBS News*

2007 Back to the future: How the brain sees the future, *Scientific American*

Learning and Education

2017 Corraling the drifting mind, *APS Observer*

<https://www.psychologicalscience.org/observer/teaching-current-directions-in-psychological-science-43> (article)

2016 Reducing and redirecting mind wandering in the classroom, *Lasting Learning*

<https://www.youtube.com/watch?v=UCUvvuJ9V34> (video)

2014 How to make online learning effective, *APS Observer*

2013 How to make online courses massively personal, *Scientific American*

2013 Memory: are tests best?, *Wall Street Journal*

2013 Online learning: its different, *Harvard Gazette*

2013 Study finds tests cure a wandering mind, *Boston Globe*

2010 Tests get high marks as learning tool, *The Globe and Mail*