

# Karl K. Szpunar | Curriculum Vitae

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## ACADEMIC POSITION

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- 2019- Assistant Professor, Department of Psychology  
Ryerson University
- 2015-2019 Assistant Professor, Department of Psychology  
University of Illinois at Chicago

## TRAINING AND EDUCATION

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- 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

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- 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 Natural 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

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**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)**

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**Google Scholar Citations = 7081****Google Scholar H-index = 38****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 submitted for publication**

3. **\*\*Li, Y.**, & **Szpunar, K.K.** (revision invited). A negativity bias in collective future thinking: The role of group dynamics.
4. **\*\*Shrikanth, S.**, & **Szpunar, K.K.** (under review). The good old days and the bad old days: Evidence for a valence-based dissociation between personal and public memory.
5. **Szpunar, K.K.**, **\*\*Li, Y.**, **\*\*Shrikanth, S.**, & Leshikar, E.D. (under review). Age-related changes in future thinking and their relation to collective action.

**Articles published in peer-reviewed journals**

6. Devitt, A.L., Thakral, P.P., **Szpunar, K.K.**, Addis, D.R., & Schacter, D.L. (in press). Age-related changes in repetition suppression of neural activity during emotional future simulation. *Neurobiology of Aging*.
7. Frankenstein, A.N., McCurdy, M.P., Sklenar, A.M., Pandya, R., **Szpunar, K.K.**, & Leshikar, E.D. (in press). Future thinking about social targets: The influence of prediction outcome on memory. *Cognition*.
8. **\*\*Puig, V.A.**, **\*\*Özbek, M.**, & **Szpunar, K.K.** (in press). A negativity bias in detail generation during event simulation. *Emotion*.
9. 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.
10. **\*\*Shrikanth, S.**, Szpunar, P.M., & **Szpunar, K.K.** (2018). Staying positive in a dystopian future: A novel dissociation between personal and collective cognition. *Journal of Experimental Psychology: General*, 147, 1200-1210.
11. 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.

12. **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.
13. 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.
14. **\*\*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.
15. Schacter, D.L., Benoit, R.G., & **Szpunar, K.K.** (2017). Episodic future thinking: Mechanisms and functions. *Current Opinions in Behavioral Sciences*, *17*, 41-50.
16. **Szpunar, K.K.** (2017). Directing the wandering mind. *Current Directions in Psychological Science*, *26*, 40-44.
17. St. Jacques, P.L., **Szpunar, K.K.**, & Schacter, D.L. (2017). Shifting visual perspective during retrieval shapes autobiographical memories. *NeuroImage*, *148*, 103-114.
18. 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.
19. Szpunar, P.M., & **Szpunar, K.K.** (2016). Collective future thought: Concept, function and implications for collective memory studies. *Memory Studies*, *9*, 376-389.
20. 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.
21. 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.
22. **Szpunar, K.K.**, & Radvansky, G.A. (2016). Cognitive approaches to the study of episodic future thinking. *Quarterly Journal of Experimental Psychology*, *69*, 209-216.
23. **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.
24. 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.
25. 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.
26. 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.

27. 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.
28. **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.
29. **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.
30. **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.
31. 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.
32. 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.
33. **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.
34. **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.
35. **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.
36. **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.
37. **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.
38. 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.
39. **Szpunar, K.K.**, Addis, D.R., & Schacter, D.L. (2012). Memory for emotional simulations: Remembering a rosy future. *Psychological Science*, *23*, 24-29.

40. Arnold, K.M., McDermott, K.B., & **Szpunar, K.K.** (2011). Individual differences in time perspective predict autonoetic experience. *Consciousness and Cognition*, *20*, 712-719.
41. 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.
42. **Szpunar, K.K.** (2011). On subjective time. *Cortex*, *47*, 409-411.
43. 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.
44. **Szpunar, K.K.** (2010). Episodic future thought: An emerging concept. *Perspectives on Psychological Science*, *5*, 142-162.
45. **Szpunar, K.K.** (2010). Evidence for an implicit influence of memory on future thinking. *Memory & Cognition*, *38*, 531-540.
46. 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.
47. **Szpunar, K.K.**, Chan, J.C.K., & McDermott, K.B. (2009). Contextual processing in episodic future thought. *Cerebral Cortex*, *19*, 1539-1548.
48. Tulving, E. & **Szpunar, K.K.** (2009). Episodic memory. *Scholarpedia*, *4*, 3332.
49. **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.
50. **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.
51. **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.
52. **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.
53. McDermott, K.B. & **Szpunar, K.K.** (2005). The origin(s) of confabulation. *Trends in Cognitive Sciences*, *9*, 561-562.
54. **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

55. **Szpunar, K.K.**, & Schacter, D.L. (2018). Memory and future imagining. In Phelps, L., & Davachi, L. (Eds.), *Stevens' handbook of experimental psychology and cognitive*

*neuroscience* (4<sup>th</sup> ed., Vol. 1: Learning and memory; pp. 145-168). Hoboken, NJ: John Wiley & Sons, Inc.

56. **Szpunar, K.K.**, \*\*Shrikanth, S., & Schacter, D.L. (2018). Varieties of future thinking. In Oettingen, G., Sevincer, A.T., & Gollwitzer, P.M. (Eds.), *The psychology of thinking about the future* (pp. 52-70). New York: Guilford Press.
57. 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.
58. 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.
59. **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.
60. Arnold, K.M., & **Szpunar, K.K.** (2015). Differences in time perspective predict differences in future simulations. In Stolarski, M., Fieulaine, N., & van Beek, W. (Eds.), *Time Perspective Theory: Review, Research and Application* (pp. 257-268). Essays in Honor of Philip G. Zimbardo. Springer.
61. 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.
62. 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.
63. **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.
64. **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.
65. **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).

66. **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

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### External Grants

- 2020-2025 *Toward an understanding of why retrieval practice supports the construction of integrated memory representations.* Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant. RGPIN-2020-04618. \$165,000 CAD. Role: PI
- 2020-2025 Discovery Grant Launch Supplement. DGECR-2020-00078. \$12,500 CAD. Role: PI
- 2020-2024 *Improving online learning with interpolated retrieval.* National Science Foundation—The Science of Learning and Augmented Intelligence Program (NSF-SL). \$642,010 USD. Role: co-PI (Jason Chan, co-PI)
- 2020-2022 *Age-related differences in thinking about the future of society.* Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant. 430-2020-00515. \$42,236 CAD. Role: PI (Julia Spaniol, co-I)
- 2014-2015 *Applying principles of cognitive psychology to the classroom: Using interpolated tests to improve attention and learning in a live lecture.* EdCog LIVE Lab Grant (McMaster University). \$14,000 CAD. Role: co-PI (Dan Schacter, co-PI)

### Internal Grants

- 2019 *Identifying the mechanism(s) by which future thinking reduces caloric intake.* Office of Social Science Research Seed Grant (University of Illinois at Chicago). \$2,400 USD. Role: PI
- 2014-2015 *Improving self-regulated learning from online lectures.* Office of the Provost (Harvard University). \$14,500 USD. Role: co-PI (Dan Schacter, co-PI)
- 2012-2014 *Test-enhanced learning: Applying principles of cognitive psychology to education.* Harvard Initiative for Learning and Teaching. \$49,363 USD. Role: co-PI (Dan Schacter, co-PI)
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## PRESENTATIONS

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### Invited Talks and Addresses (**bold font** indicates keynote presentation)

- The science of (e)learning: Using evidence-based research to improve the quality of online instruction. Talk presented to the McCall-MacBain Fellowship Program at McMaster University (April, 2020; delivered online due to Covid-19).
- The psychology of thinking about the future. Talk scheduled to be presented at Furman University, South Carolina, Department of Psychology Colloquium (April, 2020; cancelled due to Covid-19).
- Directing the wandering mind. Talk presented at Ryerson University, Toronto, Department of Psychology Colloquium (February, 2019).
- Memory and future thinking: From personal to collective cognition. Talk presented at the University of California, Los Angeles, Department of Psychology Colloquium (January, 2019).
- Collective future thinking. Talk presented at Princeton University, Cognitive Seminar Series, Princeton, NJ (October, 2018).
- Collective future thinking. Talk 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 5<sup>th</sup> 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 88<sup>th</sup> 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 44<sup>th</sup> 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 54<sup>th</sup> 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**

- Episodic future thinking: Mechanisms and functions. Talk presented at meeting of the American Psychological Association, Chicago, Illinois (August, 2019).
- Mental simulation of the imminent future. Talk presented at 13<sup>th</sup> meeting of the Society for Applied Research in Memory and Cognition, Cape Cod, Massachusetts (June, 2019).
- Collective future thinking. Talk presented at 31<sup>st</sup> annual meeting of the Association for Psychological Science, Washington, DC (May, 2019).
- From me to we: Toward an understanding of valence-based dissociations in personal and collective future thinking. Talk presented at 31<sup>st</sup> annual meeting of the Association for Psychological Science, Washington, DC (May, 2019).
- Collective future thinking. Talk presented as part of a co-chaired session entitled “Collaborative remembering and collective memory” at the 59<sup>th</sup> 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 56<sup>th</sup> annual meeting of the Psychonomic Society, Chicago, IL (November, 2015).

- Memory for simulations of the future. Talk presented at 10<sup>th</sup> 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 10<sup>th</sup> 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 10<sup>th</sup> 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 24<sup>th</sup> 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 4<sup>th</sup> meeting of the International Conference on Memory, Sydney, Australia (July, 2006).

### **Selected Conference Posters (\*\* indicates supervised graduate student)**

- **\*\*Puig, V.A., & Szpunar, K.K. (2019).** The future is now: Structure and function of mental simulations of the imminent future. Poster presented at the 13<sup>th</sup> annual meeting of the Society for Applied Research in Memory and Cognition, Cape Cod, Massachusetts.
- **\*\*Shrikanth, S., & Szpunar, K.K. (2018).** The bad old days: A negativity bias in the collective memory of America's past. Poster presented at the 59<sup>th</sup> annual meeting of the Psychonomic Society, New Orleans, Louisiana.
- **\*\*Puig, V.A., & Szpunar, K.K. (2018).** The future is now: Structure and function of mental simulations of the imminent future. Poster presented at the 59<sup>th</sup> annual meeting of the Psychonomic Society, New Orleans, Louisiana.
- **\*\*Varao-Sousa, T.L., \*\*Lerand, H., Aleman, R., Szpunar, K.K., & Kingstone, A. (2018).** Learning from online lectures. Poster presented at the 59<sup>th</sup> annual meeting of the Psychonomic Society, New Orleans, Louisiana.
- **\*\*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., \*\*Özbek, M., & Szpunar, K.K. (2017).** A negativity bias in detail generation during event simulation. Poster presented at the 58<sup>th</sup> 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 58<sup>th</sup> 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 57<sup>th</sup> 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 57<sup>th</sup> 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 57<sup>th</sup> 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 28<sup>th</sup> 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 56<sup>th</sup> 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 55<sup>th</sup> 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 21<sup>st</sup> 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 54<sup>th</sup> 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 52<sup>nd</sup> 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 18<sup>th</sup> 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 51<sup>st</sup> 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 50<sup>th</sup> 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 50<sup>th</sup> 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 21<sup>st</sup> 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 49<sup>th</sup> 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 49<sup>th</sup> 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 20<sup>th</sup> 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 15<sup>th</sup> 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 48<sup>th</sup> 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 47<sup>th</sup> 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 17<sup>th</sup> 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 44<sup>th</sup> annual meeting of the Psychonomic Society, Vancouver, Canada.

## **EDITORIAL DUTIES AND REVIEWING**

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### **Associate Editor**

*Journal of Applied Research in Memory and Cognition*, 2019-

### **Editorial Boards**

*Imagination, Cognition, and Personality*, 2015-

*Journal of Memory and Language*, 2015-

*Memory & Cognition*, 2016-

*Journal of Applied Research in Memory and Cognition*, 2017-2019

### **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, 55 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* • *Developmental Science* • *Emotion* • *Experimental Psychology* • *Frontiers in Behavioral Neuroscience* • *Frontiers in Cognitive Science* • *Frontiers in Psychology* • *Futures* • *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* • *Learning and Instruction* • *Memory* • *Memory & Cognition* • *Nature: Climate Change* • *NeuroImage* • *Neuropsychologia* • *New Ideas in Psychology* • *Perspectives on Psychological Science* • *PLoS ONE* • *Psychological Bulletin* • *Psychological Research* • *Psychological Review* • *Psychological Science* • *Psychology and Aging* • *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**

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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**

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**Future Thinking**

2019 The memory hackers, *Chicago Magazine*

<http://www.chicagomag.com/Chicago-Magazine/June-July-2019/The-Memory-Hackers/>

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=TrKWIoN88Dk> (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=UCUvuuJ9V34> (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*