

KEVIN P. MADORE

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TRAINING AND EDUCATION

- 2017 – present Post-doctoral Fellow, Psychology, Stanford University
Adviser: Anthony D. Wagner
- 2011 – 2017 Ph.D., Psychology (Cognition, Brain, & Behavior track), Harvard University
Adviser: Daniel L. Schacter
- 2011 – 2013 M.A., Psychology, Harvard University
- 2007 – 2011 B.A., Psychology & History, Middlebury College

EXTERNAL GRANTS AND AWARDS

- 2021 – present NIH Pathway to Independence Award (K99/R00)
National Institute of Neurological Disorders and Stroke
Neurocomputational mechanisms of attention, goal, and memory interactions and variability
PI: Madore, Faculty Mentor: Wagner
- 2018 – 2021 NIH Ruth L. Kirschstein Postdoctoral National Research Service Award (F32)
National Institute on Aging
Interactions between goals, attention, and memory in younger and older adults
PI: Madore, Faculty Sponsor: Wagner
- 2019 Trainee Professional Development Award, Society for Neuroscience
- 2011 – 2016 Beinecke Scholarship, The Sperry Fund
- 2015 – 2016 Sackler Scholar Programme in Psychobiology, Sackler Foundation
- 2013 National Science Foundation Graduate Research Fellowship, Honorable Mention

INTERNAL GRANTS AND AWARDS

- 2018 Wu Tsai Neurosciences Institute Seed Innovation Grant, Stanford University
- 2016 – 2017 Dissertation Completion Fellowship, Harvard University
- 2015 – 2016 Research Merit Fellowship, Harvard University
- 2014 Starr Advising Excellence Award Nominee, Harvard University
- 2013, 2014, 2015 Bok Center Distinction in Teaching Award, Harvard University
- 2013, 2014, 2015 Stimson Fund Travel Grant, Harvard University

- 2011 Stimson Fund Research Grant, Harvard University
- 2011 Summa cum laude, Departmental Highest Honors, Middlebury College
- 2010 Phi Beta Kappa (elected as a junior), Middlebury College

PUBLICATIONS

27. van Genugten, R. D. I., Beaty, R. E., **Madore, K. P.**, & Schacter, D. L. (2021). Does episodic memory contribute to creative writing? An exploratory study. *Creativity Research Journal*.
26. **Madore, K. P.**, Khazenzon, A. M., Backes, C. W., Jiang, J., Uncapher, M. R., Norcia, A. M., & Wagner, A. D. (2020). Memory failure predicted by attention lapsing and media multitasking. *Nature*, 587, 87-91.
25. Thakral, P. P., **Madore, K. P.**, Kalinowski, S. E., & Schacter, D. L. (2020). Modulation of hippocampal brain networks produces changes in episodic simulation and divergent thinking. *Proceedings of the National Academy of Sciences USA*, 117, 12729-12740.
24. Thakral, P. P., **Madore, K. P.**, & Schacter, D. L. (2020). The core episodic simulation network dissociates as a function of subjective experience and objective content. *Neuropsychologia*, 136, 107263. (Special Issue: Honoring Endel Tulving)
23. Thakral, P. P., **Madore, K. P.**, Addis, D. R., & Schacter, D. L. (2020). Reinstatement of event details during episodic simulation in the hippocampus. *Cerebral Cortex*, 30, 2321-2337.
22. Jing, H. G., **Madore, K. P.**, & Schacter, D. L. (2020). Not to worry: Episodic retrieval impacts emotion regulation in older adults. *Emotion*, 20, 590-604.
21. Thakral, P. P., **Madore, K. P.**, Devitt, A. L., & Schacter, D. L. (2019). Adaptive constructive processes: An episodic specificity induction impacts false recall in the Deese-Roediger-McDermott paradigm. *Journal of Experimental Psychology: General*, 148, 1480-1493.
20. Sheldon, S., Gurguryan, L., **Madore, K. P.**, & Schacter, D. L. (2019). Constructing autobiographical events within a spatial or temporal context: A comparison of two targeted episodic induction techniques. *Memory*, 27, 881-893.
19. **Madore, K. P.**, Jing, H. G., & Schacter, D. L. (2019). Episodic specificity induction and scene construction: Evidence for an event construction account. *Consciousness and Cognition*, 68, 1-11.
18. **Madore, K. P.**, Thakral, P. P., Beaty, R. E., Addis, D. R., & Schacter, D. L. (2019). Neural mechanisms of episodic retrieval support divergent creative thinking. *Cerebral Cortex*, 29, 150-166.
17. **Madore, K. P.**, Jing, H. G., & Schacter, D. L. (2019). Selective effects of specificity inductions on episodic details: Evidence for an event construction account. *Memory*, 27, 250-260.
16. Thakral, P. P., **Madore, K. P.**, & Schacter, D. L. (2019). Content-specific phenomenological similarity between episodic memory and simulation. *Memory*, 27, 417-422.
15. Beaty, R. E., Thakral, P. P., **Madore, K. P.**, Benedek, M., & Schacter, D. L. (2018). Core network contributions to remembering the past, imagining the future, and thinking creatively. *Journal of Cognitive*

Neuroscience, 30, 1939-1951.

14. Spreng, R. N., **Madore, K. P.**, & Schacter, D. L. (2018). Better imagined: Neural correlates of the episodic simulation boost to prospective memory performance. *Neuropsychologia*, 113, 22-28.
13. Cai, X., **Madore, K. P.**, Wang, D., & Schacter, D. L. (2018). Remembering the past and imagining the future: Attachment effects on production of episodic details in close relationships. *Memory*, 26, 1140-1150.
12. Campbell, K. L., **Madore, K. P.**, Benoit, R. G., Thakral, P. P., & Schacter, D. L. (2018). Increased hippocampus to ventromedial prefrontal connectivity during the construction of episodic future events. *Hippocampus*, 28, 76-80.
11. Jing, H. G., **Madore, K. P.**, & Schacter, D. L. (2017). Preparing for what might happen: An episodic specificity induction impacts the generation of alternative future events. *Cognition*, 169, 118-128.
10. Thakral, P. P., **Madore, K. P.**, & Schacter, D. L. (2017). A role for the left angular gyrus in episodic simulation and memory. *Journal of Neuroscience*, 37, 8142-8149.
9. **Madore, K. P.**, Szpunar, K. K., Addis, D. R., & Schacter, D. L. (2016). Episodic specificity induction impacts activity in a core brain network during construction of imagined future experiences. *Proceedings of the National Academy of Sciences USA*, 113, 10696-10701.
8. Jing, H. G., **Madore, K. P.**, & Schacter, D. L. (2016). Worrying about the future: An episodic specificity induction impacts problem solving, reappraisal, and well-being. *Journal of Experimental Psychology: General*, 145, 402-418.
7. **Madore, K. P.**, Jing, H. G., & Schacter, D. L. (2016). Divergent creative thinking in young and older adults: Extending the effects of an episodic specificity induction. *Memory & Cognition*, 44, 974-988.
6. **Madore, K. P.**, & Schacter, D. L. (2016). Remembering the past and imagining the future: Selective effects of an episodic specificity induction on detail generation. *The Quarterly Journal of Experimental Psychology*, 69, 285-298. (Special Issue: Episodic Future Thinking)
5. Schacter, D. L., & **Madore, K. P.** (2016). Remembering the past and imagining the future: Identifying and enhancing the contribution of episodic memory. *Memory Studies*, 9, 245-255.
4. **Madore, K. P.**, Addis, D. R., & Schacter, D. L. (2015). Creativity and memory: Effects of an episodic-specificity induction on divergent thinking. *Psychological Science*, 26, 1461-1468.
3. Gerlach, K. D., Spreng, R. N., **Madore, K. P.**, & Schacter, D. L. (2014). Future planning: Default network activity couples with frontoparietal control network and reward-processing regions during process and outcome simulations. *Social Cognitive and Affective Neuroscience*, 9, 1942-1951.
2. **Madore, K. P.**, & Schacter, D. L. (2014). An episodic specificity induction enhances means-end problem solving in young and older adults. *Psychology and Aging*, 29, 913-924.
1. **Madore, K. P.**, Gaesser, B., & Schacter, D. L. (2014). Constructive episodic simulation: Dissociable effects of a specificity induction on remembering, imagining, and describing in young and older adults. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 40, 609-622.

SUBMITTED AND IN REVISION

1. **Madore, K. P.**, & Wagner, A. D. (2021). Readiness to remember: Predicting variability in episodic memory. Under revision at *Trends in Cognitive Sciences*.

WORKING DRAFTS TO BE SUBMITTED

3. **Madore, K. P.**, Khazenzon, A. M., Uncapher, M. R., Norcia, A. M., & Wagner, A. D. (2021). Spontaneous attention and goal lapsing prior to learning predict future remembering.

2. **Madore, K. P.**, Chou, C., Lloyd, H., Uncapher, M. R., & Wagner, A. D. (2021). Interactions between attention, creativity, exploration, and media multitasking.

1. Fernandez, C., **Madore, K. P.**, Wagner, A. D. (2021). Encoding and the medial temporal lobe. Book chapter to appear in Kahana, M. J. & Wagner, A. D. (eds.). *Handbook on Human Memory*: Oxford University Press.

SCIENCE WRITING

1. **Madore, K. P.**, & Wagner, A. D. (2019). Multicosts of multitasking. *The Dana Foundation: Cerebrum*.

CONFERENCE PRESENTATIONS

23. **Madore, K. P.**, Chou, C., Lloyd, H., Uncapher, M. R., & Wagner, A. D. (2021). Interactions between attention, creativity, exploration, and media multitasking. Poster presented at the Cognitive Neuroscience Society (virtual).

22. Coughlin, C., Hall, C. E., **Madore, K. P.**, Schacter, D. L., & Preston, A. R. (2020). Development of remembering the past and imagining the future: Effects of an episodic specificity induction. Poster presented at the Society for Research in Child Development (virtual).

21. **Madore, K. P.**, Khazenzon, A. M., & Wagner, A. D. (2020). Subsequent memory failure predicted by attention and goal-state lapses and media multitasking. Poster presented at the Psychonomic Society (virtual).

20. **Madore, K. P.**, Khazenzon, A. M., Norcia, A. M., & Wagner, A. D. (2020). Moment-to-moment and individual differences in spontaneous lapses of attention at encoding predict subsequent memory. Data blitz talk and poster presented at the Cognitive Neuroscience Society (virtual).

19. **Madore, K. P.**, Khazenzon, A. M., Backes, C. W., Qi, J. M., & Wagner, A. D. (2019). Trait-level sustained attention partially mediates the relationship between media multitasking and episodic memory retrieval. Poster presented at the Psychonomic Society, Montreal, Canada.

18. **Madore, K. P.**, Khazenzon, A. M., Backes, C. W., Qi, J. M., Norcia, A. M., & Wagner, A. D. (2019). Pre-trial fluctuations in alpha and theta oscillatory power affect goal-state orienting and accuracy during episodic remembering. Poster presented at the Society for Neuroscience, Chicago, IL.

17. Thakral, P. P., **Madore, K. P.**, Kalinowski, S. E., & Schacter, D. L. (2019). Modulation of hippocampal brain networks leads to changes in episodic simulation and divergent thinking. Talk presented at the Society for Neuroscience, Chicago, IL.

16. **Madore, K. P.**, Khazenzon, A. M., Backes, C. W., & Wagner, A. D. (2019). Pre-trial fluctuations in pupil diameter affect goal-state orienting and accuracy during episodic remembering. Poster presented at the Cognitive Neuroscience Society, San Francisco, CA.

15. Khazenzon, A. M., **Madore, K. P.**, Thieu, M., Uncapher, M. R., & Wagner, A. D. (2019). Variability in episodic encoding: Interactions between memory, attention, and media multitasking. Poster presented at the Cognitive Neuroscience Society, San Francisco, CA.

14. Thakral, P. P., **Madore, K. P.**, & Schacter, D. L. (2019). The core episodic simulation network dissociates as a function of subjective experience and objective content. Poster presented at the Cognitive Neuroscience

Society, San Francisco, CA.

13. Thakral, P. P., **Madore, K. P.**, Addis, D. R., & Schacter, D. L. (2018). Reinstatement of event details during episodic simulation in the hippocampus. Talk presented at the Society for Neuroscience, San Diego, CA.

12. Khazenzon, A. M., Wang, S. F., **Madore, K. P.**, ... Wagner, A. D. (2018). Impact of behavioral variability, preparatory attention, and reactive control on episodic encoding. Poster presented at the Organization for Human Brain Mapping, Singapore.

11. Khazenzon, A. M., Wang, S. F., **Madore, K. P.**, ... Wagner, A. D. (2018). Peri-encoding cortical oscillations reflect dissociable roles of attentional control in memory formation. Poster presented at the International Conference of Learning & Memory, Huntington Beach, CA.

10. **Madore, K. P.**, Thakral, P. P., Beaty, R. E., Addis, D. R., & Schacter, D. L. (2018). Neural mechanisms of episodic retrieval support divergent creative thinking. Data blitz talk and poster presented at the Cognitive Neuroscience Society, Boston, MA.

9. Thakral, P. P., **Madore, K. P.**, & Schacter, D. L. (2017). A necessary role for the left angular gyrus in episodic simulation and episodic memory. Talk presented at the Society for Neuroscience, Washington, DC.

8. Campbell, K. L., **Madore, K. P.**, Benoit, R. G., Thakral, P. P., & Schacter, D. L. (2017). Increased hippocampal to ventromedial prefrontal connectivity during episodic future thinking. Poster presented at the International Conference for Cognitive Neuroscience, Amsterdam, Netherlands.

7. **Madore, K. P.**, & Schacter, D. L. (2016). An episodic specificity induction enhances divergent creative thinking in young and older adults. Poster presented at the Cognitive Aging Conference, Atlanta, GA.

6. **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 events. Poster presented at the Cognitive Neuroscience Society, New York, NY.

5. **Madore, K. P.**, & Schacter, D. L. (2015). Selective effects of memory and imagination specificity inductions on episodic details. Poster presented at the Psychonomics Society, Chicago, IL.

4. **Madore, K. P.**, Spreng, R. N., & Schacter, D. L. (2014). Episodic simulation and prospective memory: Correlates of sustained executive activity. Poster presented at the Cognitive Neuroscience Society, Boston, MA.

3. **Madore, K. P.**, Gaesser, B., & Schacter, D. L. (2013). Episodic specificity and aging: Dissociable effects of an induction on remembering, imagining, and describing. Poster presented at the Psychonomics Society, Toronto, Canada.

2. **Madore, K. P.**, McCauley, M., & Langrock, A. M. (2011). Improving children's dietary recall and recognition with the cognitive interview. Poster presented at the Society for Research in Child Development, Montreal, Canada.

1. **Madore, K. P.**, McCauley, M., Langrock, A. M., Wyndham, N. R., & Terry, M. B. (2010). Enhancing children's medical recall with the cognitive interview. Poster presented at the Association for Psychological Science, Boston, MA.

TEACHING

Stanford University

2018 – present Guest Lecturer (e.g., PSYCH45: Intro to Learning and Memory, PSYCH169: Advanced Seminar on Memory)

Harvard University

Spring 2015 Teaching Fellow, SLS20, Psychological Science (4.67/5 TF rating)

Fall 2014 Teaching Fellow, SLS20, Psychological Science (4.67/5 TF rating)

Spring 2014 Teaching Fellow, PSY1901, Research Methods (4.53/5 TF rating)

Fall 2013 Teaching Fellow, SLS20, Psychological Science (4.69/5 TF rating)

Middlebury College

2010 – 2011 Writing Tutor in Psychology and English courses

2009 – 2010 Teaching Assistant, PSYC0201, Psychological Statistics

Pedagogical Training at Harvard University

2013 – 2014 Two-semester course focused on how to teach undergraduates and graduate students

2014 One-semester course focused on student motivation and assessment

MENTORING AND ADVISING

Stanford University

2018 – present Undergraduate Research Assistant Supervisor, PSYCH195, Special Laboratory Projects

2019 – 2020 Undergraduate Thesis Supervisor in Department of Psychology
* Project awarded Stanford Firestone Medal for Excellence

2017 – 2019 Master's Thesis Co-Supervisor in Symbolic Systems Program

2017 – 2018 Undergraduate Thesis Supervisor in Department of Psychology

Harvard University

2012 – 2017 Undergraduate Research Assistant Supervisor, PSYC2358r, Memory: Research Seminar

2012 – 2016 Undergraduate Concentration Adviser in Psychology

2012 – 2016 Undergraduate Non-Resident Tutor in Kirkland and Lowell Houses

PROFESSIONAL SERVICE

Ad-hoc Manuscript Reviewer

Aging, Neuropsychology, and Cognition

Applied Cognitive Psychology

Behavior Research Methods

Behaviour Research and Therapy

Cerebral Cortex

Cognition

Cognitive, Affective, and Beh Neuroscience

Computers in Human Behavior

Consciousness and Cognition

Cortex

eLife

Emotion

Hippocampus

Human Brain Mapping

JARMAC

Journal of Experimental Psychology: General

Journal of Experimental Psychology: LMC

Journal of Neuroscience

Journals of Gerontology: Series B

Memory

Memory & Cognition

NeuroImage

Neuron

Neuropsychologia

PLoS ONE

PNAS

Psychonomic Bulletin & Review

Psychological Research

Psychological Science

Psychology and Aging

Scientific Reports

Trends in Cognitive Sciences

Ad-hoc Grant Reviewer

National Science Foundation

Committees at Stanford University

2017 – present Out in STEM Member and Faculty-Student Mentoring Participant

2017 – present LGBTQ+ Postdocs Member

Committees and Councils at Harvard University

2013 – 2015 Committee on Undergraduate Instruction Member

2012 – 2013 Graduate School of Arts and Sciences Student Council, Psychology Representative

2012 – 2013 Graduate Council of the 12 Professional Schools, GSAS Representative

Open Science and Reproducibility

Contributor to OSF (osf.io/hq7tu/) and NIH Data Archive (nda.nih.gov/study.html?id=904)