

# Weizhen Xie

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Brain and Behavior Institute  
Program in Neuroscience and Cognitive Science  
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## Education

2018	Ph.D. in Cognitive Psychology	University of California, Riverside
2015	M. A. in Psychology	University of California, Riverside
2013	B. S. in Applied Psychology (highest honor)	Renmin University of China
2012	Visiting Student	University of California, Davis

## Professional Position

2024-now	Assistant Professor, Department of Psychology, University of Maryland, College Park
2018-2023	Postdoctoral Fellow, National Institute of Neurological Disorders and Stroke, National Institutes of Health (NIH/NINDS)
2012	Research Assistant, University of California, Davis
2011-2013	Research Assistant, Institute of Psychology, Chinese Academy of Sciences
2010-2013	Research Assistant, Renmin University of China

## Fellowship, Awards, and Honors

2023	NIH Pathway to Independence Award (K99/R00)
2020	Fellows Award for Research Excellence (FARE), NIH
2019	Fellowship for Kavli Summer Institute in Cognitive Neuroscience, NIMH/NIDA/Kavli
2018	Chinese Government Award for Outstanding Self-Financed Students Abroad, China Scholarship Council
2018	Healthy Brains for Healthy Lives Postdoctoral Research Fellowship (Declined), McGill University
2018	Fellowship for MIND Computational Summer School, Dartmouth College
2018	Vision Sciences Society 2018 Student Travel Award, Elsevier/Vision Research
2018	Earle C. Anthony Student Travel Award, Graduate Division, UC Riverside
2018	Dissertation Year Program Award, UC Riverside
2017	Graduate Researcher Award, Dept. of Psychology, UC Riverside
2016	Outstanding Teaching Award, Graduate Division, UC Riverside

2014	Fellowship for Summer Institute in Cognitive Neuroscience, NIMH
2012	Academic Excellence Award, UC Davis
2012	University Presidential Scholarship for International Study, Renmin University of China, Scholarship covering tuition, stipend, and travel for study at UC Davis
2011	China National Scholarship, Ministry of Education, China
2010	Guanghua Fellowship for Academic Excellence, Renmin University of China

## Research Supports

2023-2024	Accelerated Translational Incubator Pilot (ATIP) Award, Institute for Clinical & Translational Research, University of Maryland, Baltimore (\$50,000; 1UL1TR003098) <u>Title:</u> <i>Cognitive testing during invasive monitoring of refractory epilepsy patients scheduled for neurosurgical intervention.</i> <u>Role:</u> <b>Co-PI</b> (PI: Alexander Ksendzovsky)
2023-2028	NIH Pathway to Independence Award (\$997,000; NINDS K99/R00; K99NS126492) <u>Title:</u> <i>A neurocognitive mechanism of remembering driven by prior semantic knowledge.</i> <u>Role:</u> <b>PI.</b>
2020-2023	NINDS Competitive Postdoctoral Award (\$210,000; NINDS Intramural F32) <u>Title:</u> <i>Fine-scale Temporal Dynamics of the Medial Temporal Lobe Contributions to Visual Working Memory Precision.</i> <u>Role:</u> <b>PI.</b>
2018	Pilot Project Grant (\$5000), Center for Advanced Neuroimaging, UC Riverside <u>Title:</u> <i>Neural Mechanisms Underlying the Effects of Effortful Physical Actions on Working Memory and Cognitive Control.</i> <u>Role:</u> <b>Co-I</b>
2017	Pilot Project Grant (\$5000), Center for Advanced Neuroimaging, UC Riverside <u>Title:</u> <i>Probing the Hippocampal Contribution to Visual Short-term Memory Precision using An Inverted Encoding Method.</i> <u>Role:</u> <b>Co-I.</b>
2017	Dissertation Year Award (\$21,000) & Dean's Dissertation Research Grant (\$1000), Graduate Division, UC Riverside <u>Title:</u> <i>A Shared Mechanism for Mnemonic Precision in Short-term and Long-term Memories.</i> <u>Role:</u> <b>PI.</b>
2010	Undergraduate Innovative Research Program (\$3000), Beijing Municipality <u>Title:</u> <i>Media Framing Effects in Social Crisis News Reports.</i> <u>Role:</u> <b>PI</b>

## Work in Progress \*trainees, #co-first authors, equal contributions

1. **Xie, W.** & Rosenthal, R. (under review). R-cube: A conceptual framework to evaluate replicability in behavioral research.
2. Ye, C., ..., Liu, Q., & Xie, W. (under review). Perceptual boost of visual memorability on visual memory formation.

3. Wittig, J.H.#, **Xie, W.** #, El-Kalliny, M., Jackson, S.N., Inati, S.K., & Zaghoul, K.A. (submitted). Neuronal sequences within bursts of population spiking encode information in the human anterior temporal lobe.
4. Phan, A.\* , **Xie, W.**, ..., & Zaghoul, K. A. (submitted). Sub-second changes in functional connectivity across large-scale human cortical networks support episodic memory formation and retrieval.
5. Diamond, J., Chapeton, J. I., **Xie, W.**, ..., Zaghoul, K. A. (under revision). Focal seizures induce spatiotemporally organized spiking activity in the human cortex.

## Publications \*trainees, #co-first authors, equal contributions

6. Azer, L., **Xie, W.**, Park, H. B., & Zhang, W. (2023). Detrimental Effects of Effortful Physical Exertion on Cognitive Control in Younger and Older Adults. *Psychology and Aging*, 38(4), 291-304.
7. **Xie, W.**, Chapeton, J.I., Bhasin, S.\*, Zawora, C.\*, Wittig, J.H., Inati, S.K., Zhang, W., & Zaghoul, K. (2023). The medial temporal lobe supports the quality of visual short-term memory representation. *Nature Human Behaviour*, 7(4), 627-641.
8. **Xie, W.**, Capiello, Yassa, M., Ester, E., Zaghoul, K., & Zhang, W. (2023). The Entorhinal-DG/CA3 Pathway in the Medial Temporal Lobe Retains Visual Working Memory of a Simple Surface Feature. *eLife* 12:e83365.
9. **Xie, W.**, & Zhang, W. (2023). Pupillary evidence reveals the influence of positive thoughts on brightness perception. *Psychonomic Bulletin & Review*, 30(4), 1388-1395.
10. **Xie, W.**, & Zhang, W. (2023). Effortfulness of Visual Working Memory: Gauged by Physical Exertion. *Journal of Experimental Psychology: General*, 152(7), 2074-2093.
11. **Xie, W.**, Wittig, J.H., Zaghoul, K.A. (2023). What Do I Need to Consider for Multivariate Analysis of iEEG Data?. In: Axmacher, N. (eds) Intracranial EEG. Studies in Neuroscience, Psychology and Behavioral Economics. Springer, Cham.
12. **Xie, W.**, Ye, C., & Zhang, W. (2023). Negative Emotion Reduces Visual Working Memory Recall Variability: A Meta-analytical Review. *Emotion*. Advance online publication.
13. Guo, L.\*, Ye, C., Long, F.\*, Liu, X., & **Xie, W.** (2023). The Effect of Negative Emotional States on Short-term Memory Representations. *Chinese Journal of Applied Psychology*. [In Chinese] Advance online publication.
14. Yang, F. N.#, **Xie, W.**#, & Wang, Z. (2022). Effects of sleep duration on neurocognitive development in early adolescents in the United States: a propensity score matched, longitudinal, observational study. *The Lancet Child & Adolescent Health*. 6(10), P705-712.
15. **Xie, W.**, Lu Sing, J. L.\* , Martinez-Flores, A.\* , & Zhang, W. (2022). Induced negative arousal modulates the speed of visual working memory consolidation. *Emotion*, 22(1), 179–197.
16. **Xie, W.** & Zhang, W. (2022). Pre-existing long-term memory facilitates the formation of visual short-term memory. In T. F. Brady & W. A. Bainbridge (Eds.). *Visual Memory* (pp. 84-104). New York, NY: Routledge.
17. **Xie, W.**, & Zaghoul, K. A. (2021). Visual and semantic contributions to visual short-term memory. *Trends in Cognitive Sciences*, 25(4), 270–271.

18. **Xie, W.**, & Zhang, W. (2021). Reply to Marot et al.: The struggle to comply with social-distancing is multifaceted, as are the ways of mitigating it. *Proceedings of the National Academy of Sciences*, 118(8), e2024921118.
19. **Xie, W.**, Bainbridge, W. A., Inati, S., Baker, C. I., & Zaghoul, K. A. (2020). Memorability of words in arbitrary verbal associations modulates memory retrieval in the anterior temporal lobe. *Nature Human Behaviour*, 4(9), 937-948.
20. **Xie, W.**, Campbell, S.\* , & Zhang, W. (2020). Working memory capacity predicts individual differences in social distancing compliance during the COVID-19 pandemic in the U.S. *Proceedings of the National Academy of Sciences*, 117(30), 17667–17674.
21. **Xie, W.**, Park, H. B., Zaghoul, K. A., & Zhang, W. (2020). Correlated individual differences in the estimated precision of working memory and long-term memory: Commentary on the study by Biderman, Luria, Teodorescu, Hajaj, and Goshen-Gottstein (2019). *Psychological Science*, 31(3), 345-348.
22. **Xie, W.**, Berry, A., Lustig, C., Deldin, P., & Zhang, W. (2019). Poor sleep quality and compromised visual working memory capacity. *Journal of the International Neuropsychological Society*, 25(6), 583–594.
23. **Xie, W.**, ..., Rosenthal, R., & Zhang, W. (2018). ADRA2B deletion variant and enhanced cognitive processing of emotional stimuli: A meta-analytical review. *Neuroscience and Biobehavioral Reviews*, 92, 402-216.
24. **Xie, W.**, Cappiello, M., Park, H. B., Deldin, P., Chan., R. C. K., & Zhang, W. (2018). Schizotypy is associated with reduced mnemonic precision in visual working memory. *Schizophrenia Research*, 193, 91- 97.
25. **Xie, W.**, Li, H., Zou, Y., Sun, X.\* , & Shi, C. (2018). A suicidal mind tends to maintain less negative information in visual working memory. *Psychiatry Research*, 262, 549-557.
26. **Xie, W.**, & Zhang, W. (2018a). Familiarity speeds up visual short-term memory consolidation: Electrophysiological evidence from contralateral delay activities. *Journal of Cognitive Neuroscience*, 30(1), 1-13.
27. **Xie, W.**, & Zhang, W. (2018b). Mood-dependent retrieval in visual long-term memory: Dissociable effects on retrieval probability and mnemonic precision. *Cognition and Emotion*, 32(4), 674-690.
28. **Xie, W.**, & Zhang, W. (2017a). Dissociations of the number and precision of visual short-term memory representations in change detection. *Memory and Cognition*, 45(8), 1423-1437.
29. **Xie, W.**, & Zhang, W. (2017b). Familiarity increases the number of retained Pokémon in visual short-term memory. *Memory and Cognition*, 45(4), 677–689.
30. **Xie, W.**, & Zhang, W. (2017c). Familiarity speeds up visual short-term memory consolidation. *Journal of Experimental Psychology: Human Perception and Performance*, 43(6), 1207-1221.
31. **Xie, W.**, & Zhang, W. (2017d). Discrete item-based and continuous configural representations in visual short-term memory. *Visual Cognition*, 25(1-3), 21-33.
32. **Xie, W.**, & Zhang, W. (2017e). Negative emotion enhances mnemonic precision and subjective feelings of remembering in visual long-term memory. *Cognition*, 166, 73-83.
33. **Xie, W.**, Li, H., Ying, X.\* , Zhu, S.\* , Fu, R., Zou, Y., & Cui, Y. (2017). Affective bias in visual working

- memory is associated with capacity. *Cognition and Emotion*, 31(7), 1345-1360
34. Yang, T., **Xie, W.**, Chen, C., Altgassen, M., Wang, Y., Cheung, E. F. C., & Chan, R. C. K. (2017). The development of multitasking in children aged 7 to 12: Evidence from cross-sectional and longitudinal data. *Journal of Experimental Child Psychology*, 161, 63–80.
  35. **Xie, W.**, & Zhang, W. (2016a). Negative emotion boosts quality of visual working memory representation. *Emotion*, 16(5), 760-774.
  36. **Xie, W.**, & Zhang, W. (2016b). The influence of emotion on face processing. *Cognition and Emotion*, 30(2), 245-257.
  37. **Xie, W.**, & Zhang, W. (2016c). The El Greco fallacy and pupillometry: Pupillary evidence for top-down effects on perception. *Behavioral and Brain Sciences*, 39, e236.
  38. Cappiello, M., **Xie, W.**, David, A., Bikson, M., & Zhang, W. (2016). Transcranial direct current stimulation over anterior temporal lobe modulates pattern separation. *Neuroreport*, 27(11), 826–832.
  39. Chan, R. C. K., **Xie, W.**, ... Rosenthal, R. (2016). Clinical utility and lifespan profiling of neurological soft signs in schizophrenia spectrum disorder. *Schizophrenia Bulletin*, 42(3), 560-570.
  40. Chan, R. C. K., Li, Z., Li, K., Zeng, Y., **Xie, W.**, Yan, C., ... Jin, Z. (2016). Distinct processing of social and monetary rewards in late adolescents with trait anhedonia. *Neuropsychology*, 30(3), 274-280.
  41. Li, H., **Xie, W.**, & Li, Y. (2015). Neural circuits of orbitofrontal cortex involved in suicidal attempts among major depression patients. *Advances in Psychological Sciences*, 23(7), 1187–1195. [In Chinese]
  42. Li, Z., Yan, C., **Xie, W.**, Li, K., Zeng, Y., ... Chan, R. C. K. (2015). Anticipatory pleasure predicts effective connectivity in the mesolimbic system. *Frontiers in Behavioral Neuroscience*, 9, 217.
  43. **Xie, W.**, & Zhang, W. (2014). Contributions of cognitive factors in conceptual metaphors. *Metaphor and Symbol*, 29(3), 171-184.
  44. **Xie, W.**, Li, H., Luo, X., Fu, R., Ying, X.\* , ... Wang, X. (2014). Anhedonia and pain avoidance in the suicidal mind: Behavioral evidence for motivational manifestations of suicidal ideation in patients with major depressive disorder. *Journal of Clinical Psychology*, 70(7), 681-692.
  45. **Xie, W.**, Yan, C., ... Chan, R. C. K. (2014). Domain-specific hedonic deficits towards social affective but not monetary incentives in social anhedonia. *Scientific Reports*, 4, 4056.
  46. Li, H., **Xie, W.**, ... Wang, X. (2014). Clarifying the role of psychological pain in the risks of suicidal ideation and suicidal acts among patients with major depressive episodes. *Suicide and Life-Threatening Behavior*, 44(1), 78-88.
  47. Cheng, T. K., Ho, D. Y. F., **Xie, W.**, Wong, H. Y., & Cheng-Lai, A. (2013). Alienation, despair and hope as predictors of health, coping and nonengagement among nonengaged youth: Manifestations of spiritual emptiness. *Asia Pacific Journal of Counseling and Psychotherapy*, 4(1), 18-30.
  48. Ho, D. Y. F., **Xie, W.**, Peng, S., & Cheng, T. K. (2013). Social Darwinism, status ranking, and creativity in Confucian-heritage education: Dialectics between education and knowledge economies. *KEDI Journal of Educational Policy*, 10(1), 125-145.
  49. Ho, D. Y. F., **Xie, W.**, Liang, X. & Zeng, L. (2012). Filial piety and traditional Chinese values: A study of high and mass cultures. *PsyCh Journal*, 1, 40–55.

## Conference Presentations \*trainees, #co-first authors

### Talks

1. **Xie, W.** Sequential neuronal spikes as units of cortical coding across visual perception and working memory. Annual Meeting of the Vision Sciences Society (VSS), 2023.
2. **Xie, W.** The medial temporal lobe support visual short-term memory precision. Annual Meeting of the Virtual Society for Neuroscience, 2021.
3. **Xie, W.** The causal role of the medial temporal lobe in visual working memory precision. Annual Meeting of the Virtual VSS, 2020.
4. **Xie, W.** Memorability of words in arbitrary verbal associations modulates memory retrieval in the anterior temporal lobe. *neuromatch 2.0* Computational Neuroscience. 2020.
5. **Xie, W.** Decoding item-specific information in visual short-term memory from the hippocampal DG/CA3 subfield using high-resolution fMRI. VSS, St. Pete Beach, FL, USA, 2018.
6. **Xie, W.** Contribution of the hippocampus to visual short-term memory precision. A talk presented at the 2018 International Conference on Learning and Memory, Huntington Beach, CA, USA, 2018.

### Posters

1. **Xie, W.** Neuronal sequences in the human cortex encode information of visual images. Summer School for Center for Neuroengineering, Georgetown University, Washington, DC, 2023.
2. **Xie, W., ...**, Baker, C., & Zaghoul, K. Category-specific deficit in visual memory consolidation following resection of posterior para-hippocampal cortex: A case study. VSS, St. Pete Beach, FL, USA, 2022.
3. **Xie, W., & Zhang, W.** Pupillary evidence reveals the influence of conceptual association on brightness perception. VSS, St. Pete Beach, FL, USA, 2022.
4. **Xie, W., ...**, Zhang, W., & Zaghoul, K. The medial temporal lobe supports visual working memory precision. Annual Meeting of the *Society of Neuroscience*, Online, 2021.
5. Bhasin, S. \*, **Xie, W.**, Zaghoul, K. A. Shared Neural State Underlying Successful Retrieval of Related Memory Content. Annual Meeting of NIH Posbac Poster Day, Bethesda, MD, USA, 2020. \*Trainee with the NIH Posbac Poster Day Award.
6. **Xie, W.,** Park, H. B., Azer, L., ..., & Zhang, W. Transcranial direct current stimulation over bilateral anterior temporal lobe modulates hippocampal-occipital functional connectivity and visual working memory precision. Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA, USA, 2019.
7. **Xie, W.,** Lu Sing, J. C. \*, Flores, A. M. \*, & Zhang, W. Arousal modulates the speed of visual working memory consolidation: Experimental evidence and individual differences. CNS, San Francisco, CA, USA, 2019. \*Trainee with UCR Undergraduate Research mini-Grant
8. **Xie, W.** & Zhang, W. The effects of prior stimulus familiarity on working memory representations and processes. Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, CANADA, 2017.
9. **Xie, W.,** Cappiello, M., ..., Yassa, M. A., & Zhang, W. A shared mechanism for mnemonic precision in visual short-term memory and visual long-term memory. VSS, St. Pete Beach, FL, USA, 2017.

10. **Xie, W.**, & Zhang, W. Effects of familiarity on visual short-term memory for Pokémon. VSS, St. Pete Beach, FL, USA, 2016.
11. **Xie, W.**, & Zhang, W. Mood-dependent retrieval and visual-Long term memory. VSS, St. Pete Beach, FL, USA, 2015.
12. **Xie, W.**, Capiello, M., & Zhang, W. Evidence that negative emotion can enhance mnemonic resolution and subjective feelings of remembering in visual long-term memory. Psychonomic, Long Beach, CA, USA, 2014.
13. **Xie, W.**, Capiello, M., & Zhang, W. Effects of emotion on visual working memory. VSS, St. Pete Beach, FL, USA, 2014.
14. Park, H., **Xie, W.**, Capiello, M., Hyun, J., & Zhang, W. Visual short-term memory for dynamically changing stimuli. VSS, St. Pete Beach, FL, USA, 2017.
15. Capiello, M., **Xie, W.**, & Zhang, W. Dissociable neural mechanisms for capacity & resolution in visual working memory. VSS, St. Pete Beach, FL, USA, 2014.

### **Invited Talks, Lectures, & Symposia**

Oct, 2023	<i>NIH/NIMH, Laboratory of Brain and Cognition</i>
Nov, 2022	<i>NIH/NINDS, Surgical Neurology Branch Scientific Seminar</i>
Jun, 2022	<i>NIH/NINDS-NIMH, Hippocampus Interest Group</i>
Feb, 2022	<i>University of Maryland, College Park, Department of Psychology</i>
Feb, 2022	<i>Virginia Tech, Department of Psychology</i>
Feb, 2022	<i>Drexel University, Department of Psychological and Brain Sciences</i>
Feb, 2022	<i>Emory University, Department of Psychology</i>
Jan, 2022	<i>Queen's University, Department of Psychology</i>
Nov, 2021	<i>Max Planck for Empirical Aesthetics, Joint-lab meeting of Melloni &amp; Zaghoul labs</i>
Feb, 2021	<i>University of Chicago, Joint-lab meeting of Bainbridge, Bakkour, &amp; Rosenberg labs</i>
Dec, 2020	<i>University of Nevada, Reno, Cognitive and Brain Sciences meeting</i>
Sep, 2020	<i>Harvard University, guest speaker in the Cognitive Neuroscience course led by Drs. Daniel Schacter and Elizabeth Phelps</i>
April, 2020	<i>Emory University, visual memory meeting (VisMET), guest speaker</i>
Jan, 2020	<i>UC Irvine, Department of Cognitive Sciences</i>
Aug, 2019	<i>NIH/NINDS, Human Cortical Physiology and Neurorehabilitation Section</i>
Jun, 2019	<i>NIH/NIMH, Section on Learning and Plasticity</i>
Feb, 2019	<i>Lehigh University, Department of Psychology</i>
Feb, 2018	<i>NIH/NINDS, Functional and Restorative Neurosurgery Unit</i>
Dec, 2017	<i>UC San Diego, Cognitive Neuroscience Lab</i>
Nov, 2017	<i>UC Irvine, Translational Neurobiology Lab</i>
Oct, 2015	<i>UC Riverside, Department of Psychology</i>
Sep, 2014	<i>Chinese Academy of Sciences, Institute of Psychology</i>

## Professional Activities

Teaching Experience \*Won the Outstanding Teaching Award at UC Riverside in 2016 (5 out of ~100)

<b>Year</b>	<b>Course or Workshop</b>	<b>Level</b>	<b>Role</b>
2018	fMRI Data Analysis Boot Camp	Graduate	Instructor
2015-2018	Statistical Inference	Graduate	TA (for Dr. Robert Rosenthal)
2015-2018	Experimental design & ANOVA*	Graduate	TA (for Dr. Robert Rosenthal)
2015-2018	Intro. Psychology	Undergrad.	TA
2017	Sleep and Cognition	Undergrad.	TA (for Dr. Sara Mednick)
2015	Psychological Method: Statistics	Undergrad.	Instructor
2014	Cognitive Neuroscience	Undergrad.	TA (for Dr. Weiwei Zhang)

Mentoring undergraduate student or postbaccalaureate trainees

<b>Year</b>	<b>Mentee</b>	<b>Institution</b>	<b>Activity</b>
2021-23	Audrey Phan	NIH	Large-scale brain connectivity during memory recall Afterwards: <b>Harvard-MIT</b> , MD/PhD program
2022	Nathan Wang	John. Hopkins	Summer internship at the NINDS Project: neural correlates of visual memorability Honored with the <b>Goldwater Scholarship</b>
2020	Stephen Campbell	UCR	Cognitive challenges in people's responses to COVID Paper published at <i>PNAS</i> . Afterwards: <b>U. of Texas at Arlington</b> , PhD program
2020	Srijan Bhasin	NIH	Representational similarity analysis using iEEG. Honored with 2020 NIH Postbac Poster Day Award Afterwards: <b>Duke University</b> MD program
2019	Christopher Zawora	NIH	Bayesian hierarchical modeling on working memory Afterwards: <b>John Jay College</b> M.A. in Economics
2018	JC Lynne Lu Sing	UCR	Honor thesis project with <i>Undergraduate Mini-Grant Award</i> (\$1,000) and <i>Academic Excellence Award</i> (UCR) Afterwards: <b>UCSF/SFSU</b> Physical Therapy
2016	Ana Martinez-Flores	UCR	Honor thesis project with <i>Undergraduate Mini-Grant Award</i> (\$1,000, UCR) Afterwards: <b>San José State U.</b> Occupational Therapy
2014	Xiangyu Ying	Renmin U.	Honor thesis project with the <i>Undergraduate Student Innovation Program</i> of Renmin University (\$3,000). Afterwards: <b>Ministry of Culture, China Central Gov.</b>

Reviewer for Journals

**Psychology:** *Acta Psychologica*  
*Attention, Perception, & Psychophysics*  
*Cognition, Brain, Behavior: An Interdisciplinary Journal*  
*Cognition*  
*Cognition and Emotion*



*Cognitive Research: Principles and Implications*  
*Emotion*  
*Frontiers in Psychology*  
*Journal of Experimental Psychology: General*  
*Journal of Experimental Psychology: Learning, Memory, and Cognition*  
*Journal of Experimental Psychology: Human, Perception, and Performance*  
*Journal of Gerontology: Psychological Sciences*  
*Journal of Injury and Violence Research*  
*Journal of Vision*  
*Memory*  
*Memory and Cognition*  
*Psychology and Aging*  
*Psychological Research*  
*Psychological Review*  
*Psychological Science*  
*PsyCh Journal*  
*Translational Issues in Psychological Science.*

**Psychiatry:** *American Journal of Psychiatry*  
*Frontiers in Psychiatry*  
*Journal of Psychopathology and Clinical Science*  
*Psychological Medicine*  
*Psychiatry Research*

**Neuroscience:** *Current Biology*  
*Cognitive, Affective, and Behavioral Neuroscience*  
*Human Brain Mapping*  
*Frontiers in Human Neuroscience*  
*Journal of Cognitive Neuroscience*  
*Journal of Neuroscience*  
*Neuron*  
*Neuroscience and Biobehavioral Reviews*  
*Neuroscience Letters*

**General:** *Nature Human Behaviour*  
*PLOS ONE*  
*Scientific Reports*  
*International Journal of Health Policy and Management*  
*Inquiry*

### Reviewer for Grants

*Biotechnology and Biological Sciences Research Council (BBSRC), UK*

### Academic Affiliations

Vision Sciences Society  
Cognitive Neuroscience Society  
Psychonomic Society  
Society for Neuroscience