

Futing Zou

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Cognitive and Psychological Sciences
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APPOINTMENTS

- 2024 - Postdoctoral Research Associate, Brown University
Advisor: Serra Favila

EDUCATION

- 2019 - 2024 Ph.D., Psychology, University of Oregon
Advisors: Sarah DuBrow, Ben Hutchinson, Brice Kuhl
2013 - 2017 B.A., Psychology (Minor in Finance), East China Normal University

AWARDS & HONORS

- 2025 Cermak/Corkin Postdoctoral Award, Memory Disorders Research Society (MDRS)
2022 Travel Award, Memory, Space, and Time Workshop, University of Arizona
2022 Fellow, Kavli Summer Institute in Cognitive Neuroscience, University of California, Santa Barbara
2022 Graduate Student Travel Award, University of Oregon
2021 Graduate Virtual Conference Award, University of Oregon
2020 First Year Merit Award, University of Oregon
2019 Fellow, Methods in Neuroscience at Dartmouth, Dartmouth College
2016 Outstanding Student Scholarship, East China Normal University
2016 Excellent Student Cadre, East China Normal University
2015 Dean's List, East China Normal University

RESEARCH SUPPORT

- 2026 - 2027 NIH-NINDS 1R21 NS146668
Linking temporal context reinstatement to temporal memory interference
Role: Co-I (PI: Brice Kuhl)

PUBLICATIONS

* denotes equal contribution

Preprints

- 2025 **Zou F**, Hutchinson JB* & Kuhl BA* (in revision). Hippocampal-guided reconstruction of an event's prior temporal context. *bioRxiv*.

Peer-Reviewed Journal Articles

- 2025 **Zou F**, Kuhl BA, DuBrow S* & Hutchinson JB* (2025). Benefits of spaced learning are predicted by re-encoding of past experience in ventromedial prefrontal cortex. *Cell Reports*, 44: 115232. doi: [10.1016/j.celrep.2025.115232](https://doi.org/10.1016/j.celrep.2025.115232)
- 2024 **Zou F** & Kuhl BA (2024). Time after time: preserving temporal memories when experiences repeat. *Journal of Cognitive Neuroscience*, 36 (11): 2357–2367. doi: [10.1162/jocn_a_02212](https://doi.org/10.1162/jocn_a_02212)
- 2023 **Zou F**, Wanja G, Allen EJ, Wu Y, Charest I, Naselaris T, Kay K, Kuhl BA, Hutchinson JB* & DuBrow S* (2023). Re-expression of CA1 and entorhinal activity patterns preserves temporal context memory at long timescales. *Nature Communications*, 14, 4350. doi: [10.1038/s41467-023-40100-8](https://doi.org/10.1038/s41467-023-40100-8)
- 2022 **Zou F** & Kwok SC (2022). Distinct generation of subjective vividness and confidence during naturalistic memory retrieval in angular gyrus. *Journal of Cognitive Neuroscience*, 34 (6): 988-1000. doi: [10.1162/jocn_a_01838](https://doi.org/10.1162/jocn_a_01838)
- 2021 Zheng Y, Wang D, Ye Q, **Zou F**, Yin J, Li Y & Kwok SC (2021). Diffusion property and functional connectivity of superior longitudinal fasciculus underpin human metacognition. *Neuropsychologia*, 156: 107847. doi: [10.1016/j.neuropsychologia.2021.107847](https://doi.org/10.1016/j.neuropsychologia.2021.107847)
- 2020 Rahnev D, ..., **Zou F** & Zylberbeg A (2020). The confidence database. *Nature Human Behaviour*, 4: 317-325. doi: [10.1038/s41562-019-0813-1](https://doi.org/10.1038/s41562-019-0813-1)
- 2019 Berna F, **Zou F**, Danion JM & Kwok SC (2019). Overconfidence in false autobiographical memories in patients with schizophrenia. *Psychiatry Research*, 279: 374-375. doi: [10.1016/j.psychres.2018.12.063](https://doi.org/10.1016/j.psychres.2018.12.063)
- 2019 Ye Q, **Zou F**, Dayan M, Lau H, Hu Y & Kwok SC (2019). Individual susceptibility to TMS affirms the precuneal role in meta-memory upon recollection. *Brain Structure and Function*, 224: 2407-2419. doi: [10.1007/s00429-019-01909-6](https://doi.org/10.1007/s00429-019-01909-6)
- 2018 Ye Q*, **Zou F***, Lau H, Hu Y & Kwok SC (2018). Causal evidence for mnemonic metacognition in human precuneus. *Journal of Neuroscience*, 38(28): 6379-6387. doi: [10.1523/JNEUROSCI.0660-18.2018](https://doi.org/10.1523/JNEUROSCI.0660-18.2018)

INVITED TALKS

- 2023 Penn Computational Cognitive Neuroscience Lab (PI: Anna Schapiro), University of Pennsylvania
- 2022 Adaptive Memory Lab (PI: Vishnu Murty), Temple University
- 2022 Sarah DuBrow Memorial Symposium, University of Oregon
- 2020 Natural Scenes Dataset Symposium, University of Minnesota

CONFERENCE PRESENTATIONS

Peer-Reviewed Conference Proceedings

- 2024 **Zou F**, Hutchinson JB & Kuhl BA (2024). More than meets the eye: Reconstructing lingering thoughts from visual long-term memories. Poster at *Cognitive Computational Neuroscience*, Boston, MA.

Additional Conference Presentations

- 2025 Chhabra I, **Zou F**, Seewald J, Baldassano C, Chen J & Hutchinson JB (2025). Multi-modal memory dataset: high-density fMRI sampling of human memory. Poster at *Society for Neuroscience*, San Diego, CA.
- 2023 **Zou F**, Kuhl BA, DuBrow S & Hutchinson JB (2023). Spaced learning over long timescales strengthens stimulus-specific representations in vmPFC. Talk at *Society for Neuroscience Nanosymposium*, Washington, DC.
- 2023 **Zou F**, Naselaris T, Kay K, Kuhl BA, DuBrow S & Hutchinson JB (2023). Hippocampus and vmPFC contribute to spacing effects at long timescales. Poster at *International Conference on Learning and Memory*, Huntington Beach, CA.
- 2022 **Zou F**, Naselaris T, Kay K, Kuhl BA, DuBrow S & Hutchinson JB (2022). Time-dependent contributions of hippocampus and vmPFC to distributed learning. Poster at *Society for Neuroscience*, San Diego, CA.
- 2021 **Zou F**, Allen E, Wu Y, Charest I, Naselaris T, Kay K, Hutchinson JB & DuBrow S (2021). Hippocampal and entorhinal pattern reinstatement mediates long-timescale temporal memory. Poster at *Context and Episodic Memory Symposium*, Philadelphia, PA.
- 2021 **Zou F**, Allen E, Wu Y, Charest I, Naselaris T, Kay K, Hutchinson JB & DuBrow S (2021). For the when: the role of the medial temporal lobe in encoding long-timescale temporal information. Poster at *Cognitive Neuroscience Society*, Virtual.

TEACHING EXPERIENCE

- 2022 Lab Instructor, PSY 304: Biopsychology, University of Oregon
- 2021 Teaching Assistant, PSY 348: Music and the Brain, University of Oregon
- 2021 Teaching Assistant, PSY 458/558: Decision Making, University of Oregon
- 2020 Teaching Assistant, PSY 301: Scientific Thinking, University of Oregon
- 2020 Teaching Assistant, PSY 305: Cognition, University of Oregon

PROFESSIONAL SERVICE

Ad hoc journal reviewer

Nature Human Behaviour, Nature Communications, Imaging Neuroscience, STAR Protocols, npj Science of Learning, Journal of Cognitive Enhancement, Frontiers in Cognition, Frontiers in Psychology, Cognitive Processing, Journal of Comparative Psychology

PROFESSIONAL MEMBERSHIPS

Society of Neuroscience; Cognitive Neuroscience Society; American Psychological Association

UNIVERSITY & DEPARTMENT SERVICE

2023 Department of Psychology, University of Oregon
Committee for Inclusive Community

SCIENTIFIC OUTREACH

2025 Brown University
Volunteer, Brown Brain Fair