

# Futing Zou

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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**, Wanjia 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