Stanford



Yizi Zhang

Postdoctoral Scholar, Neurosurgery

Bio

BIO

Yizi Zhang is a postdoctoral scholar at the Neural Prosthetics Translational Lab and the Linderman Lab. Yizi's research centers on scalable, data-driven approaches to neural encoding and decoding, with a recent emphasis on foundation models for brain-computer interfaces. Yizi is broadly interested in developing AI-assisted neuroprosthetic technologies to help individuals with paralysis communicate and interact more effectively with the world.

STANFORD ADVISORS

- Jaimie Henderson, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Frank Willett (7/19/2026)
- Scott Linderman (7/19/2026)
- Jaimie Henderson (7/19/2026)

Publications

PUBLICATIONS

- **Exploiting correlations across trials and behavioral sessions to improve neural decoding.** *Neuron*
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- **Neural Encoding and Decoding at Scale**
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