Stanford



Cory Shain

Assistant Professor of Linguistics and, by courtesy, of Psychology

Bio

BIO

I lead the Laboratory for Computation & Language in Minds & Brains (CLiMB Lab). We try to figure out how our brains let us go so efficiently from sensation (e.g., speech, reading) to meaning, and we do this using a combination of neuroimaging, computer modeling, and behavioral experiments. See the lab website for details.

ACADEMIC APPOINTMENTS

- Assistant Professor, Linguistics
- Assistant Professor (By courtesy), Psychology
- Member, Bio-X
- Associated Faculty, Institute for Computational and Mathematical Engineering (ICME)
- Member, Wu Tsai Neurosciences Institute

LINKS

- CLiMB Lab Website: https://climblab.org/

Teaching

COURSES

2026-27

- CLiMB Research Lab: LINGUIST 247R (Aut, Win, Spr)
- Computational Approaches to Human Sentence Processing: LINGUIST 245C (Spr)
- Psycholinguistics: LINGUIST 145, LINGUIST 245A, PSYCH 140 (Aut, Win)

2025-26

- CLiMB Research Lab: LINGUIST 247R (Aut, Win, Spr)
- Introduction to Psycholinguistics: LINGUIST 145, LINGUIST 245A, PSYCH 140 (Aut)

2024-25

- CLiMB Research Lab: LINGUIST 247R (Aut, Win, Spr)
- Introduction to Psycholinguistics: LINGUIST 145, LINGUIST 245A, PSYCH 140 (Aut)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Miriam Hauptman, Yuhan Zhang

Doctoral Dissertation Advisor (AC)

Joshua Rozner

Publications

PUBLICATIONS

- **A language network in the individualized functional connectomes of over 1,000 human brains doing arbitrary tasks.** *bioRxiv : the preprint server for biology*
  Shain, C., Fedorenko, E.
  2025
- **Functional Identification of Language-Responsive Channels in Individual Participants in MEG Investigations.** *bioRxiv : the preprint server for biology*
  Huybrechts, M., Bruffaerts, R., Pongos, A., Shain, C., Lipkin, B., Siegelman, M., Wens, V., Sjøgård, M., Blank, I., Goldman, S., De Tiège, X., Fedorenko, E.
  2025
- **What we mean when we say semantic: Toward a multidisciplinary semantic glossary.** *Psychonomic bulletin & review*
  Reilly, J., Shain, C., Borghesani, V., Kuhnke, P., Vigliocco, G., Peelle, J. E., Mahon, B. Z., Buxbaum, L. J., Majid, A., Brysbaert, M., Borghi, A. M., De Deyne, S., Dove, et al
  2024
- **Word Frequency and Predictability Dissociate in Naturalistic Reading** *OPEN MIND-DISCOVERIES IN COGNITIVE SCIENCE*
  Shain, C.
  2024; 8: 177-201