

Xiaojue Zhou

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EDUCATION

FALL 2018 – PRESENT

PhD, Cognitive Neuroscience
University of California - Irvine

FALL 2012 – SPRING 2016

Bachelor of Science, Statistics (Honor) and Psychology
University of Wisconsin - Madison

PUBLICATIONS

Zhou, X., Grossman, E., (In Preparation) Where Are Our Action Predictions? Action Understanding as a Predictive Process: Integrative Model and Neuroimage Evidence.

Zhou, X., Stehr, D., Pyles, J., Grossman, E., (In Preparation) Sensory and Social Cognitive Networks Connectivity Depends on Attentive States.

Stehr, D., **Zhou, X.**, Tisby, M., Hwu, P., Pyles, J., Grossman, E., (Under Review) Top-down attention guidance shapes action encoding in the pSTS, *Cerebral Cortex*.

Derderian, K., **Zhou, X.**, Chen, L. (2020) Where for what: A meta-analysis for the category-specific activations for living/nonliving concepts in the past two decades.

Kenwood, M., Oler, J., Fox, A., Tromp, D., **Zhou, X.**, Riedel, M., ... & Kalin, N. (2017). 833. Consequences of Altering Prefrontal-Temporal Lobe Connectivity in Young Nonhuman Primates. *Biological Psychiatry*, 81(10), S338.

PRESENTATIONS AND INVITED TALKS

Zhou, X., Stehr, D., Hwu, P., Pyles, J.A., Grossman, E.D. Functional Connectivity During Action Recognition Modulated By Top-down Goals. *Poster presented at Society for Neuroscience*, Chicago, IL, 2019.

Zhou, X., Rathouz, P., Statistical Analysis of Weighted Survey Data, *Senior Honor Thesis Symposium*, University of Wisconsin – Madison, 2016

Oler, J., Dean, D., Reidel, M., Feketa, E., Roseboom, P., Zhou, X., Fox, A., Tromp, D., Birn, R.M., Alexander, A., Davidson, R., Kalin, N., Multimodal brain imaging in infant primates predicts the later development of anxious temperament, *Society for Research in Child Development Biennial Meeting*, Baltimore, MD, 2019.

PROFESSIONAL SERVICES

Graduate Student Liaison

Feb 2020

Department Colloquium Committee
Ad hoc Reviewer for Cerebral Cortex

August 2020 – Current
August 2020

TEACHING EXPERIENCE

Teaching Assistant

Sep 2018 – Current

University of California-Irvine

- Introduction to fMRI Research (Psych 119)
- Cognitive Neuroscience (Psych 160A)
- Brain Disorders (Psych 160D)
- Probability & Statistics (Soc Sci 10A)
- Introduction to Linguistics (Ling 3A)

Mentorship Experience

- Introduction to fMRI Research
- Assist students with individual projects

HONORS AND AWARDS

2015

Trewartha & Mensink Honors Senior

Awarded for Senior Thesis: Statistical Analysis of Weighted Survey Data

TECHNICAL/STATISTICAL SKILLS

Neuroimaging processing: ANTS, AFNI, FSL, DTI-TK, Brain Voyager, SPM, BIDS

Programing: R, Bash/Cshell, R, MATLAB, Python, SPSS, Perl, SQL

Parallel computing: High Through Computing, H2O

Documentation: LaTeX, Markdown, Eprime, Adobe Photoshop, Adobe Illustrator, Adobe InDesign