Stanford

O.H.M. Lasnick

Postdoctoral Scholar, Psychiatry

Bio

BIO

I received my undergraduate degree in cognitive and computer science from the University of California, Berkeley in 2019; and an MSc and PhD in Language & Cognition from the University of Connecticut, where I worked in the brainLENS Lab run by Professor Fumiko Hoeft. At UConn, I analyzed both behavioral and large-scale neuroimaging (EEG, MRI/fMRI) datasets for my research. I completed my PhD research in 2024, and currently work as a postdoc at Stanford under Professor Vinod Menon (Stanford Cognitive & Systems Neuroscience Laboratory).

HONORS AND AWARDS

- Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship (F31HD107944), National Institutes of Health (2022 – 2024)
- National Science Foundation Research Traineeship (NRT-UtB1735225), National Science Foundation (2021 – 2022)
- National Institutes of Health Training Grant (T32DC017703), National Institutes of Health (2019 – 2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Organization for Human Brain Mapping (2024 - present)
- Member, Flux: The Society for Developmental Cognitive Neuroscience (2022 - 2024)

PROFESSIONAL EDUCATION

- PhD, University of Connecticut , Language & Cognition (2024)
- MSc, University of Connecticut , Language & Cognition (2021)
- BA, University of California, Berkeley , Cognitive Science, Computer Science (2019)

STANFORD ADVISORS

- Vinod Menon, Postdoctoral Faculty Sponsor

LINKS

- Professional Website: https://ohmlasnick.github.io/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Primary research interests include utilizing neuroimaging techniques to study reading and language ability (particularly developmental dyslexia and language disorders), as well as associated comorbidities, such as ADHD. Methodological specialties include analysis of large-scale neuroimaging data, especially MRI/fMRI and EEG.

LAB AFFILIATIONS

- Vinod Menon, Stanford Cognitive & Systems Neuroscience Lab (7/15/2024)

Publications

PUBLICATIONS

- **Left-dominance for resting-state temporal low-gamma power in children with impaired word-decoding and without comorbid ADHD.** *PloS one*
  Lasnick, O. H., Hancock, R., Hoeft, F.
  2023; 18 (12): e0292330

- **Sensory temporal sampling in time: an integrated model of the TSF and neural noise hypothesis as an etiological pathway for dyslexia.** *Frontiers in human neuroscience*
  Lasnick, O. H., Hoeft, F.
  2023; 17: 1294941

- **The importance of family history in dyslexia** *The reading league journal*
  Lasnick, O., Feng, J., Quirion, A., Hart, S., Hoeft, F., et al
  2022; 3 (2): 35-42

PRESENTATIONS

- Impacts of family history of dyslexia on reading profiles, cortical surface area, and gray matter thickness in children. - Environment, Brain, and Behavior (EBB) Lab for Developmental Visual-Spatial and Learning Disorders in the Division of Child and Adolescent Psychiatry, Columbia University (3/19/2024)