OLIVER LASNICK

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Education

Planned conferral 2024	Ph.D. in Psychological Sciences
2019–2024	University of Connecticut
Degree conferred 2021	M.S. in Psychological Sciences
2019–2021	University of Connecticut
Degree conferred 2019	B.A. in Cognitive Science Computer Science (Minor)
2015–2019	University of California, Berkeley

Positions Held

since 08/2019	Ph.D. Student in brainLENS Lab, University of Connecticut Advisor: Fumiko Hoeft, M.D. Ph.D.
06/2018-05/2019	Research Assistant in Language & Cognitive Development Lab, UC Berkeley Supervisor: Mahesh Srinivasan, Ph.D.

Research

[In prep] **Lasnick, O.**, Kamal, S., Marrouch, N., Low, S, Hoeft, F. Modeling delays in neurodevelopmental maturity of the reading network using support vector regression on functional connectivity data.

[Under revision, preprint] **Lasnick, O.**, Hancock, R., Hoeft, F. (2023). Left-dominance for resting-state temporal low-gamma power in children with impaired word-decoding and without comorbid ADHD. bioRxiv. https://doi.org/10.1101/2023.09.20.558564

Lasnick, O.H.M., Hoeft, F. (in press). 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.*

[Preregistration] **Lasnick, O.H.M.** (2023, August 7). Using Genetic Similarity Quanti ed by Kinship Coef cients to Investigate Familial Contributions to Reading Disorder. OSF Preregistration: https://doi.org/10.17605/OSF.IO/3H6PT

[Preregistration] Clement-Lam, S. S.-Y.*, **Lasnick, O.***, Mitra, A., Kinnie, B., Lyon, C., Luo, J., Kearns, D., Hoeft, F. (2022, May 30). Event-Related Potential Studies of Reading in Relation to Developmental Dyslexia: A Systematic Review. OSF Preregistration: https://osf.io/dbgc3.

Lasnick, O., Feng, J., Quirion, A., Hart, S.A., Hoeft, F. (2022). The importance of family history in dyslexia. *The Reading League journal, 3*(2), 35-42.

Selected Conferences, Talks, Presentations

[Poster] Clement-Lam, S. S.-Y.*, **Lasnick, O.***, Mitra, A., Kinnie, B., Lyon, C., Luo, J., Kearns, D., Hoeft, F. ERP studies of reading in relation to developmental dyslexia: a systematic review. FLUX: The Society for Developmental Cognitive Neuroscience Conference, September 2023.

[Flash Talk] **Lasnick, O.**, Marrouch, N., Kamal, S., Low, S., Hoeft, F. Growth Charts for Functional Brain Networks in Reading Disorder. Neuromatch Conference, December 2021.

[Poster] **Lasnick, O.**, Marrouch, N., Kamal, S., Low, S., Hoeft, F. Growth charts for functional brain networks in dyslexia. University of Connecticut Poster Session, November 2021.

[Poster] Kamal, S., **Lasnick, O.**, Low, S. Growth Charts for Functional Brain Networks in Neurodevelopmental Disorders. American Psychiatric Association (APA) Annual Meeting in Philadelphia, April 2020. Cancelled due to Covid-19.

Workshops

[Workshop Attendee] Computational Psychiatry Course Zurich, University of Zurich, September 2022.

[Workshop Attendee] International Statistical Genetics Workshop, University of Colorado at Boulder, June 2022.

Funding Sources

Fellowships - Not PI

T32 Fellowship, National Institutes of Health Training Grant (NIH T32DC017703, Multi-PIs Eigsti/Myers), University of Connecticut Cognitive Neuroscience of Communication - Connecticut (CNC-CT), 2019-2021.

NRT Fellowship, National Science Foundation Research Traineeship (NRT-UtB 1735-225, PI Magnuson), University of Connecticut Science of Learning and Art of Communication (SLAC), 2021-2022.

Grants - PI

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31), National Institutes of Health (NIH F31HD107944-01A1, PI Lasnick), Using Genetic Similarity Quanti ed by Kinship Coef cients to Investigate Familial Contributions to Reading Disorder, 2022-2024.

University Service

Internship / Career Development Committee, SLAC program. Served during semester starting from 9/2021.

Diversity Committee, SLAC program. Served during semester starting from 10/2019.

Technical Skills

Programming Languages

Python (Highly Pro cient)

Java (Pro cient)

C/C++ (Pro cient)

Some experience: SQL Scheme HTML

Neuroimaging Tools

MRI/fMRI processing: FreeSurfer, FSL, fMRIPrep, CONN functional connectivity toolbox

EEG processing: EEGLAB, Automagic, MNE-Python

Data collection experience: MRI/fMRI, MRS

Statistical Tools/Software

SPSS (Pro cient)

R (Pro cient)

MATLAB (Pro cient)

Formatting: LaTeX Markdown