

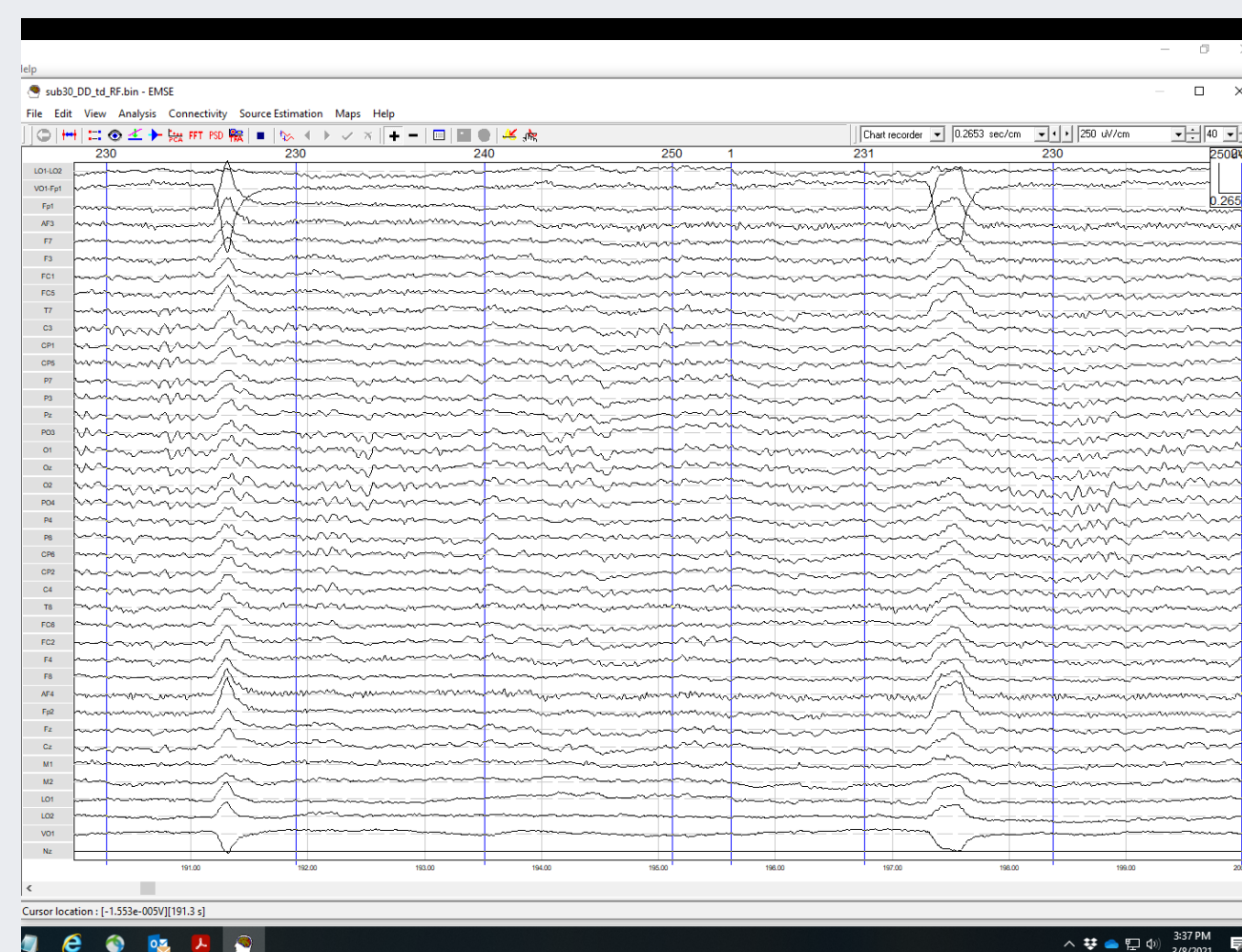
AUDITORY COGNITIVE NEUROSCIENCE LABORATORY

WHAT DO WE STUDY?

In this lab, we study how children's brains develop during school years. We are especially interested in how underlying linguistic brain processes change during middle childhood, when children learn a lot of new information from language-based instruction.

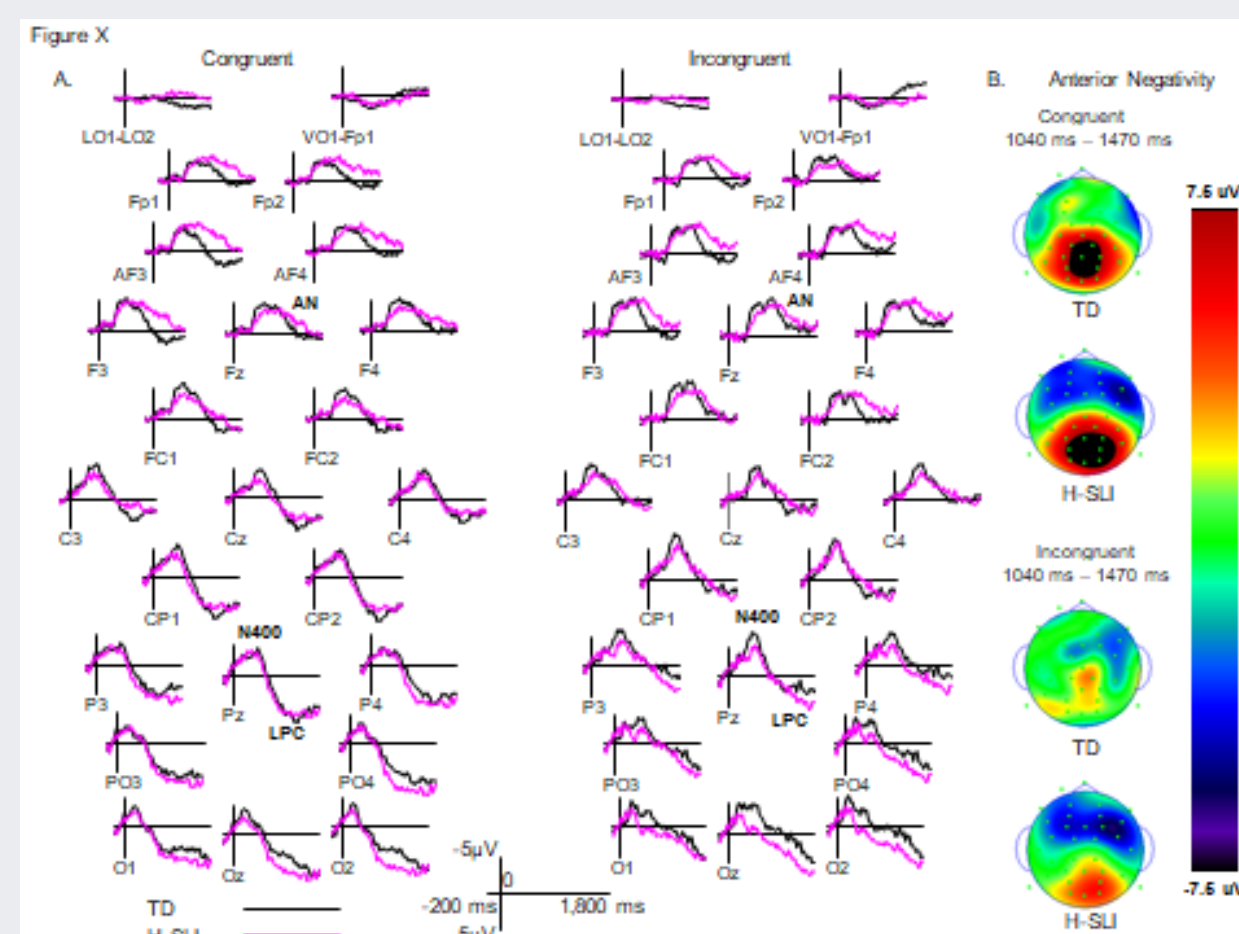
We study typically developing children and children with developmental language disorder (DLD). Children with DLD have a reduced ability to understand and produce language without an apparent cause.

We collect electrical brain responses (see images to the right) and administer standardized tests in order to answer questions about typical and atypical developmental changes.



"My involvement in this lab has added so much to my undergraduate experience. I have been able to apply concepts from my classes in a real and practical way and gain experience scoring tests that I will use in my future career. My favorite part has been the unique opportunity to interact with and guide children during EEG testing. I love working with kids and this lab gave me experience doing just that!"

*-Carrie Tornquist, SLHS
undergraduate student*





"I have really enjoyed working with research participants and learning how to collect and process EEG data. Being a part of this lab has given me the opportunity to apply concepts from my coursework in a real context. Dr. Kaganovich and Jen are both so kind and willing to help students learn!"

-Ana Ragheb, SLHS undergraduate student



REQUIREMENTS:

- Time management skills- be on time for test sessions!
- Friendly & outgoing personality- play along with our kids to ease their stress during testing!
- Curiosity- learn how to administer and score intelligence, hearing, vision, and language tests!
- Availability- Many sessions happen in the evening and occasionally on the weekends. Summer sessions happen at different times during the day. You will need 6-9 hours of free time per week.
- Commitment- If possible, stay with us for two years--learn more and help train other students!



If you are interested in joining our team or would like to learn more, please send your CV to Jen Schumaker at: jschumak@purdue.edu