

# Curriculum Vitae

Updated: 062025

## TENGWEN FAN

Department of Communication Sciences and Disorders  
Louisiana State University

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### EDUCATION

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- 08/2022 - Present    **Ph.D. Student, Department of Communication Sciences and Disorders, Louisiana State University, USA**  
*Mentors:* Dr. Eileen Haebig, Dr. Julie M. Schneider
- 09/2019 - 06/2022    **M.S. in Developmental and Educational Psychology, School of Psychology, Shaanxi Normal University, China**  
*Supervisor:* Dr. Jingjing Zhao  
*Thesis:* The development of phonological awareness of Chinese children from 4 to 6 years old and the neural mechanism of its effect on Chinese character recognition
- 09/2016 - 06/2019    **B.S. in Psychology, School of Psychology, Shaanxi Normal University, China**
- 08/2015 - 06/2016    **Materials Science and Engineering, Shaanxi Normal University, China**

### RESEARCH INTERESTS

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Language development, statistical learning, word learning, speech perception, phonological development

### SKILLS

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R, MATLAB, FSL, SPM, EEG signal processing (EEGLAB, Letswave, etc.), SPSS

### PEER-REVIEWED PUBLICATIONS

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1. **Fan, T.**, Decker, W., Momsen, J.P., Haebig, E., Schneider, J.M. (in press). The facilitatory role of rhyme during implicit and explicit word learning. *Journal of Speech, Language, and Hearing Research*. [https://osf.io/preprints/psyarxiv/ykde9\\_v1](https://osf.io/preprints/psyarxiv/ykde9_v1)
2. **Fan, T.**, Decker, W., & Schneider, J. (2024). The Domain-Specific Neural Basis of Auditory Statistical Learning in 5–7-Year-Old Children. *Neurobiology of Language*, 5(4), 981-1007. [https://doi.org/10.1162/nol\\_a\\_00156](https://doi.org/10.1162/nol_a_00156)
3. Li, S., **Fan, T.**, & Zhao, J. (2025). The prediction of syllable awareness, character reading ability, and rapid automatized naming on phoneme awareness: Evidence from a longitudinal Cross-lagged model. *Cognitive Development*, 73, 101534. <https://doi.org/10.1016/j.cogdev.2024.101534>
4. **Fan, T.**, Zhang, L., Liu, J., Niu, Y., Hong, T., Shu, H., & Zhao, J. (2023). Phoneme awareness predicts character reading ability in young Chinese children through phonemic mismatch negativity. *Neuropsychologia*, 108624. <https://doi.org/10.1016/j.neuropsychologia.2023.108624>
5. Liu, J., **Fan, T.**, Chen, Y., & Zhao, J. (2023). Seeking the neural representation of statistical properties in print during implicit processing of visual words. *npj Science of Learning*, 8(1), 60.

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<https://doi.org/10.1038/s41539-023-00209-3>

### IN-PREPARATION MANUSCRIPTS

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1. **Fan, T.** & Schneider, J.M. The Neural Basis of Deriving Word Meaning from Context in English Adults
2. **Fan, T.**, Chen, Y., Li, S., Liang, X., Wang, Y., Shu, H., & Zhao, J. (2023). Dynamic phonemic awareness of 4-6 years old Chinese children and the predictive effect on character reading ability. Preprint in *PsyArXiv*: <https://doi.org/10.31234/osf.io/kdvhs>

### CONFERENCE PRESENTATIONS

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1. **Fan, T.** & Schneider, J.M. (April, 2025). The Language-Specific Neural Basis of Word Learning from Context. *The Society for Neuroscience Baton Rouge Chapter, Baton Rouge, US*.
2. **Fan, T.** & Schneider, J.M. (March - April, 2025). The Language-Specific Neural Basis of Word Learning from Context. *The 32nd Annual Meeting of the Cognitive Neuroscience Society (CNS 2025), Boston, U.S.*
3. **Fan, T.**, Decker, W., Momsen, J.P., Haebig, E., Schneider, J.M. (April, 2024). The facilitatory role of rhyme during implicit and explicit word learning. *The 31st Annual Meeting of the Cognitive Neuroscience Society (CNS 2024), Toronto, Canada.* (Accepted but did not attend in person)
4. **Fan, T.**, Decker, W., Momsen, J.P., Haebig, E., Schneider, J.M. (March, 2024). The facilitatory role of rhyme during implicit and explicit word learning. *The Society for Neuroscience Baton Rouge Chapter, Baton Rouge, US*.
5. **Fan, T.**, Decker, W., & Schneider J.M. (April, 2023). Domain-specific neural profiles of statistical learning of speech and tone in young children. *The Annual Graduate Research Conference (GRC) of Louisiana State University, Baton Rouge, US*.
6. **Fan, T.**, Decker, W., & Schneider J.M. (March, 2023). Domain-specific neural profiles of statistical learning of speech and tone in young children. *The 30th Annual Meeting of the Cognitive Neuroscience Society (CNS 2023), San Francisco, US*.
7. Decker, W., **Fan, T.**, Haebig, E., & Schneider, J.M. (March, 2023). Neural Mechanisms of Novel Word Learning Through Rhyme in Adults. *CNS 2023*.
8. Schneider J.M., **Fan, T.**, Golinkoff, R.M., & Qi, Z. (March, 2023). Input or Uptake? Statistical learning moderates the relationship between language input and vocabulary size. *CNS2023*.
9. **Fan, T.**, Zhang, L., Liu, J., Hong, T., Shu, H., & Zhao, J. (July, 2021). Phoneme awareness predicts character reading ability in young Chinese children through phonemic mismatch negativity. Talk presented at *the 28th Society for the Scientific Study of Reading Conference*. Virtual Meeting.
10. **Fan, T.**, Zhang, L., Liu, J., Hong, T., Shu, H., & Zhao, J. (September, 2021). Phoneme awareness predicts character reading ability in young Chinese children through phonemic mismatch negativity. Talk presented at *the 20th World Congress of Psychophysiology*. Virtual Meeting.

### FUNDS & GRANTS

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03/2025	LSU HSS & COMD Travel Fund (\$600)
08/2022 – Present	Graduate Assistantship, Louisiana State University (LSU).
06/2023	Juneau Family Child Speech and Language Research Fund (Category B; \$2000).
01/2023	LSU HSS & COMD Travel Fund (\$1000)

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### HONORS & AWARDS

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- 06/2021 Travel Award, Society for the Scientific Study of Reading.  
(please see: <https://www.triplesr.org/2022-travel-awards>)
- 12/2019 Graduate Scholarship, Shaanxi Normal University (top 1%).
- 12/2019 Scholarship for Outstanding Students, Shaanxi Normal University (top 1%).
- 12/2016 - 05/2019 Excellent Students, Shaanxi Normal University (top 10%).
- 12/2016 - 11/2018 Excellent Scholarship, Shaanxi Normal University (top 10%).

### ASSISTANT EXPERIENCE

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- 05/2025 – present **Research Assistant, Human Development & Daily Life Lab, LSU**  
- Data analyses: Matlab coding
- 08/2024 – 05/2025 **Teaching Assistant, COMD 2050 *Introduction to Language*, LSU**  
- Instructor: teaching, grading, preparing for and proctoring exams.
- 06/2024 – 08/2024 **Research Assistant, Department of Communication Sciences and Disorders, LSU**  
- fMRI data collection and preprocessing with Dr. Julie M. Schneider.
- 01/2024 – 05/2024 **Teaching Assistant, COMD 4382 *Language Disorders of Children*, LSU**  
- Grading for essays and tests.
- 06/2023 – 08/2023 **Research Assistant, Department of Communication Sciences and Disorders, LSU**  
- Experiment design and manuscript writing with Dr. Julie M. Schneider.
- 08/2022 - 12/2023 **Teaching Assistant, COMD 2050 *Introduction to Language*, LSU**  
(Fall/Spring Semesters) - Instructor: teaching, grading, preparing for and proctoring exams.
- 09/2020 - 01/2021 **Teaching Assistant, *Introduction to Psychology*, Shaanxi Normal University**  
- Prepared course materials, proctored exams and graded.
- 12/2018 - 08/2021 **Research Assistant, Interaction of Behaviors, Genetics and Environment in Chinese Dyslexia, Shaanxi Normal University**  
- Collected behavioral, EEG and genetic data, manuscript writing.
- 09/2018 - 12/2018 **Intern, Department of Child and Juvenile Psychology and Psychiatry, Xi'an Mental Health Center, China**

### LANGUAGES

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- Mandarin Chinese Native
- English Intermediate user