



Anne Fernald

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CONTACT INFORMATION

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Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Psychology
- Member, Maternal & Child Health Research Institute (MCHRI)

PROGRAM AFFILIATIONS

- Symbolic Systems Program

PROFESSIONAL EDUCATION

- Ph.D., University of Oregon , Psychology (1982)

LINKS

- Language Learning Lab: <https://web.stanford.edu/group/langlearninglab/cgi-bin/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Working with English- and Spanish-learning children from diverse socioeconomic and cultural backgrounds, our research examines the importance of early language experience in supporting language development. We are deeply involved in community-based research in San Jose, designing an innovative parent-engagement program for low-resource Latino families with young children. We are also conducting field studies of beliefs about child development and caregiver-child interaction in rural villages in Senegal. A central goal of this translational research is to help parents understand their vital role in facilitating children's language and cognitive growth.

Publications

PUBLICATIONS

- **Within-group variability in communication style among caregivers and its relation to the language abilities of Wolof-learning toddlers in Senegal.** *Developmental psychology*
Diop, Y., Skibbe, L. E., Marchman, V. A., Weber, A. M., Bowles, R. P., Fernald, A.

2025

- **Early language processing efficiency and pre-literacy outcomes in children born full term and preterm.** *Journal of experimental child psychology*
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2022: e13354
- **Associations between early efficiency in language processing and language and cognitive outcomes in children born full term and preterm: similarities and differences.** *Child neuropsychology : a journal on normal and abnormal development in childhood and adolescence*
Marchman, V. A., Ashland, M. D., Loi, E. C., Munevar, M., Shannon, K. A., Fernald, A., Feldman, H. M.
2022: 1-20
- **Accuracy of the Language Environment Analyses (LENATM) system for estimating child and adult speech in laboratory settings.** *Journal of child language*
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2020: 1–16
- **Children Flexibly Seek Visual Information to Support Signed and Spoken Language Comprehension** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-GENERAL*
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- **Off to a good start: Early Spanish-language processing efficiency supports Spanish- and English-language outcomes at 4 years in sequential bilinguals.** *Developmental science*
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2020: e12973
- **Predictors of early vocabulary growth in children born preterm and full term: A study of processing speed and medical complications** *CHILD NEUROPSYCHOLOGY*
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- **Predictors of early vocabulary growth in children born preterm and full term: A study of processing speed and medical complications.** *Child neuropsychology : a journal on normal and abnormal development in childhood and adolescence*
Marchman, V. A., Ashland, M. D., Loi, E. C., Adams, K. A., Fernald, A., Feldman, H. M.
2019: 1–21
- **Nonword Repetition and Language Outcomes in Young Children Born Preterm** *JOURNAL OF SPEECH LANGUAGE AND HEARING RESEARCH*
Gresch, L. D., Marchman, V. A., Loi, E. C., Fernald, A., Feldman, H. M.
2018; 61 (5): 1203–15
- **Real-time lexical comprehension in young children learning American Sign Language.** *Developmental science*
MacDonald, K., LaMarr, T., Corina, D., Marchman, V. A., Fernald, A.
2018: e12672
- **Speed of Language Comprehension at 18 Months Old Predicts School-Relevant Outcomes at 54 Months Old in Children Born Preterm** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
Marchman, V. A., Loi, E. C., Adams, K. A., Ashland, M., Fernald, A., Feldman, H. M.
2018; 39 (3): 246–53
- **Validity of caregiver-report measures of language skill for Wolof-learning infants and toddlers living in rural African villages.** *Journal of child language*
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2017
- **Using Eye Movements to Assess Language Comprehension in Toddlers Born Preterm and Full Term** *JOURNAL OF PEDIATRICS*
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- **Cultivating American- and Japanese-Style Relatedness Through Mother-Child Conversation** *DISCOURSE PROCESSES*
Crane, L. S., Fernald, A.
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- **Caregiver talk to young Spanish-English bilinguals: comparing direct observation and parent-report measures of dual-language exposure** *DEVELOPMENTAL SCIENCE*
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- **Using Eye Movements to Assess Language Comprehension in Toddlers Born Preterm and Full Term.** *journal of pediatrics*
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2016
- **Caregiver talk to young Spanish-English bilinguals: comparing direct observation and parent-report measures of dual-language exposure.** *Developmental science*
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2016
- **Early language processing efficiency predicts later receptive vocabulary outcomes in children born preterm.** *Child neuropsychology*
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- **Relative language exposure, processing efficiency and vocabulary in Spanish- English bilingual toddlers*** *BILINGUALISM-LANGUAGE AND COGNITION*
Hurtado, N., Grueter, T., Marchman, V. A., Fernald, A.
2014; 17 (1): 189-202
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Hurtado, N., Grüter, T., Marchman, V. A., Fernald, A.
2014; 17 (1): 189-202
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Weisleder, A., Fernald, A.
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- **Speed of word recognition and vocabulary knowledge in infancy predict cognitive and language outcomes in later childhood** *DEVELOPMENTAL SCIENCE*
Marchman, V. A., Fernald, A.
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- **Input Affects Uptake: How Early Language Experience Influences Processing Efficiency and Vocabulary Learning** *7th IEEE International Conference on Development and Learning*
Fernald, A., Marchman, V. A., Hurtado, N.
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- **Increasing Flexibility in Children's Online Processing of Grammatical and Nonce Determiners in Fluent Speech.** *Language learning and development : the official journal of the Society for Language Development*
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- **Spoken word recognition by Latino children learning Spanish as their first language** *JOURNAL OF CHILD LANGUAGE*
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2007; 34 (2): 227-249
- **Young children learning Spanish make rapid use of grammatical gender in spoken word recognition** *PSYCHOLOGICAL SCIENCE*
Lew-Williams, C., Fernald, A.
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- **How first and second language learners use predictive cues in online sentence interpretation in Spanish and English** *31th Annual Boston-University Conference on Language Development*
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Mumme, D. L., Fernald, A., Herrera, C.
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- **Prosody, functors, and word recognition in young children** *20th Annual Boston-University Conference on Language Development*
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