



## Meg Cychosz

Assistant Professor of Linguistics

### Bio

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#### BIO

Dr. Cychosz investigates how infants and children develop speech and language, including children who are d/Deaf or hard-of-hearing and multilingual learners. Her research bridges linguistics, cognitive science, developmental psychology, and electrical engineering to understand fundamental questions about language acquisition. Her interdisciplinary approach combines fieldwork with computational methods, using deep learning and automatic speech recognition tools to analyze naturalistic speech recordings from children's daily lives. She is particularly interested in how children's processing limitations might influence the structure of the world's languages, how sensory experiences like hearing loss affect language processing in early childhood, and how technological innovations can make language research more accessible and representative. Dr. Cychosz directs the Speech and Cognitive Development Lab and collaborates with clinical partners in audiology and speech-language pathology to ensure her research has translational impact to support children's language development.

#### ACADEMIC APPOINTMENTS

- Assistant Professor, Linguistics
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Assistant Professor, Department of Linguistics, Stanford University, (2025- present)
- Assistant Professor, Department of Linguistics, UCLA, (2023-2025)

#### HONORS AND AWARDS

- Clinical and Translational Science Institute Early Career Development Award, UCLA (2024)
- Elizabeth M. Keithley Early Stage Investigator Award, Hearing Health Foundation (2024)
- Raymond H. Stetson Scholarship in Phonetics and Speech Science, Acoustical Society of America (2019)

#### PROGRAM AFFILIATIONS

- Symbolic Systems Program

#### PROFESSIONAL EDUCATION

- PhD, University of California, Berkeley , Linguistics (2020)

## LINKS

- Meg Cychosz: <https://megseekosh.github.io/>
- Speech and Cognitive Development Lab: <https://spoglab.stanford.edu>

## Teaching

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### COURSES

#### 2025-26

- Phonetics: LINGUIST 105, LINGUIST 205A (Spr)
- Speech and Cognitive Development Research Lab: LINGUIST 241L (Aut, Win, Spr)

## Publications

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### PUBLICATIONS

- **The Development of Canonical Proportion as a Function of Community, Multilingualism, and Target Language's Syllable Complexity** *JOURNAL OF CHILD LANGUAGE*  
Tey, K., Walker, S., Seidl, A., Scaff, C., Peurey, L., Kelleher, B. L., Havard, W., Hamrick, L., Grosjean, P., Cychosz, M., Colleran, H., Casillas, M., Bergelson, et al  
2026: 1-21
- **Gendered speech development in early childhood: Evidence from a longitudinal study of vowel and consonant acoustics** *JOURNAL OF CHILD LANGUAGE*  
Wong, E., Koeppe, K., Cychosz, M., Munson, B.  
2025: 1-28
- **The everyday speech environments of preschoolers with and without cochlear implants** *JOURNAL OF CHILD LANGUAGE*  
Cychosz, M., Edwards, J. R., Munson, B., Romeo, R., Kosie, J., Newman, R. S.  
2025; 52 (2): 377-398
- **Preschoolers rely on rich speech representations to process variable speech** *CHILD DEVELOPMENT*  
Cychosz, M., Mahr, T., Munson, B., Newman, R., Edwards, J. R.  
2023; 94 (4): E197-E214