

Meg Cychosz

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Professional experience

- 2023-present **Assistant Professor**, Department of Linguistics,
University of California, Los Angeles
- 2022-present **Research Associate**, Department of Otolaryngology,
Children's Communication Center,
University of California, San Francisco
- 2020-2023 **NIH-National Institute on Deafness and Other Communication
Disorders (NIDCD) Postdoctoral Researcher**
Center for Comparative & Evolutionary Biology of Hearing Trainee
& Department of Hearing and Speech Sciences
University of Maryland, College Park

Education

- 2020 **Ph.D., Linguistics**, University of California, Berkeley
2017 **M.A., Linguistics**, University of California, Berkeley
2015 **Master 1, Phonetics and Phonology**
Université Sorbonne Nouvelle-Paris 3
2014 **M.A., Spanish**, Indiana University
2012 **B.A., Spanish, B.A., English, B.A., French**, Butler University

Additional training

- 2022 **Introduction to Bayesian Data Analysis**
Sixth Summer School on Statistical Methods for Linguistics and
Psychology, Potsdam, Germany
- 2022 **Acoustical Society of America School Trainee**
Englewood, CO
- 2020 **Certificate of Teaching and Learning in Higher Education**
University of California, Berkeley
- Spring 2017 **Department of Linguistics**
Stanford University
- Spring 2011 **Study Abroad**
Université Paul Valéry III, Montpellier, France

Support

Current

- 2021-2023 NIH-NIDCD F32 Individual Postdoctoral Training Grant. "How children with cochlear implants learn speech from their environments." **Cychosz, M.** (Principal Investigator). Edwards, J., & Newman, R (Co-Investigators). Projected award period: 06/01/2021-05/31/2023. Total cost: \$137,999.
- 2021-2023 NIH-NIDCD Extramural Clinical Loan Repayment Program. "How children with cochlear implants learn speech from their environments." **Cychosz, M.** (Principal Investigator). Edwards, J., & Newman, R (Co-Investigators). Total estimated cost: \$30,000.

Other

- Awarded NSF-SBE Postdoctoral research fellowship (SPRF). **Cychosz, M.** (Principal Investigator). Edwards, J., & Newman, R (Co-Investigators). Total cost: \$137,169. [Declined due to overlap.]
- 2020-2021 NIH-NIDCD T32 DC000046 "Training grant on comparative and evolutionary biology of hearing." **Cychosz, M.** (Postdoctoral trainee). 06/01/2020-05/31/2021.

Publications

Refereed journals

- In press **Cychosz, M.**, Mahr, T., Munson, B., Newman, R., & Edwards, J. Preschoolers rely on rich speech representations to process variable speech. *Child Development*. [[paper](#)]
- In press **Cychosz, M.**, Xu, K., & Fu, Q.-J.. Effects of spectral smearing on speech understanding and masking release in simulated bilateral cochlear implants. *PLOS One*.
- In press Aravena-Bravo, P...**Cychosz, M.**...Woon, F. T. Towards diversifying early language development research: First truly global international summer/ winter school on language acquisition (/L+/) 2021. *Journal of Cognition and Development*. [[pre-print](#)]
- 2023 **Cychosz, M.** & Newman, R. Perceptual normalization for speaking rate occurs below the level of the syllable. *Journal of the Acoustical Society of America*, 153, 1486-1495. [[paper](#)]
- 2023 Cristia, A., Foushee, R., Aravena-Bravo, P., **Cychosz, M.**, Scaff, C., &

- Casillas, M. Combining observational and experimental approaches to the development of language and communication in rural samples: Opportunities and challenges. Invited keynote submission to *Journal of Child Language* in celebration of the journal's 50th anniversary, 50(3), 495-517. [[paper](#)]
- 2022 **Cychosz, M.** Language exposure predicts children's phonetic patterning: Evidence from language shift. *Language*, 93(3), 461-498. [[paper](#)]
- 2021 **Cychosz, M.,** Newman, R., Munson, B., & Edwards, J. Auditory feedback experience in the development of phonetic production: Evidence from children with cochlear implants and their normal-hearing peers. *Journal of the Acoustical Society of America*, 150(3), 2256-2271. [[paper](#)]
- 2021 **Cychosz, M.,** Edwards, J., Bernstein Ratner, N., Torrington Eaton, C., & Newman, R. Acoustic-lexical characteristics of child-directed speech between 7 and 24 months and their impact on toddlers' phonological processing. *Frontiers in Psychology: Developmental Psychology*. 12, 712647. [[paper](#)]
- 2021 **Cychosz, M.,** Villanueva, A., & Weisleder, A. Efficient estimation of children's language exposure in two bilingual communities. *Journal of Speech, Language and Hearing Research*. 64(10), 3843-3866. [[paper](#)]
- 2021 **Cychosz, M.,** Munson, B., & Edwards, J. Practice and experience predict coarticulation in child speech. *Language Learning and Development*. 17(4), 366-396. [[paper](#)]
- 2021 **Cychosz, M.** The coarticulation-duration relationship in early Quechua speech. *Journal of Phonetics*. 87, 101052. [[paper](#)]
- 2021 **Cychosz, M.,** Cristia, A., Bergelson, E., Casillas, M., Baudet, G., Warlaumont, A. S., Scaff, C., Yankowitz, L., & Seidl, A. Vocal development in a large-scale, crosslinguistic corpus. *Developmental Science*. 24(5), e13090. [[paper](#)]
- 2021 **Cychosz, M.,** Erskine, M., Munson, B., & Edwards, J. A lexical advantage in four-year-old children's word repetition. *Journal of Child Language*. 48(1), 31-54. [[pubmed](#)]
- 2020 **Cychosz, M.*,** Romeo, R., Soderstrom, M., Scaff, C., Ganek, H., Cristia, A., Casillas, M., de Barbaro, K., Bang, J., & Weisleder, A.* Longform recordings of everyday life: Ethics for best practices. *Behavior Research Methods*. 52, 1951-1969. [[paper](#)]

- 2019 **Cychosz, M.**, Edwards, J., Munson, B., & Johnson, K. Spectral and temporal measures of coarticulation in child speech. *Journal of the Acoustical Society of America-EL*, 146(6), EL516-EL522.
- 2018 **Cychosz, M.** Bilingual adolescent vowel production in the Parisian suburbs. *International Journal of Bilingualism*, 23(6), 1291-1315.

Manuscripts under review

- Under review **Cychosz, M.**, Edwards, J., Munson, B., Romeo, R. R., Kosie, J., & Newman, R. The everyday speech environments of preschoolers with and without cochlear implants. [[pre-print](#)]
- Under review Hitczenko, K. Bergelson, E., Casillas, M., Colleran, H., **Cychosz, M.**, Grosjean, P. Hamrick, L. R., Kelleher, B. L., Scaff, C., Seidl, A., Walker, S., & Cristia, A. A cross-linguistic study of the effect of early experience on vocal development. *Stage 1 registered report*.
- Under review **Cychosz, M.**, Scarpelli, C., Stephans, J., Sola, A. M., Kolhede, K., Ramirez, R., Christinanson, E., Chan, V., & Chan, D. K. Cochlear implantation rapidly increases spontaneous and responsive speech vocalizations in children who are deaf. [[pre-print](#)]

Book chapters

- 2022 **Cychosz, M.***, & Cristia, A.* Using big data from long-form recordings to study development and optimize societal impact. In *Advances in Child Development and Behavior*, ed. J.J. Lockman & R. Gilmore. Vol. 62, pp. 1-36. Cambridge, MA: Academic Press. [[pubmed](#)]

Fully peer-reviewed conference proceedings

- 2023 **Cychosz, M.**, Edwards, J., Munson, B., Romeo, R. R., Kosie, J., & Newman, R. The everyday speech environments of preschoolers with and without cochlear implants. In *Proceedings of the 20th International Congress of Phonetic Sciences*. Prague, Czech Republic.
- 2023 Hitczenko, K. Bergelson, E., Casillas, M., Colleran, H., **Cychosz, M.**, Grosjean, P. Hamrick, L. R., Kelleher, B. L., Scaff, C., Seidl, A., Walker, S., & Cristia, A. The development of canonical proportion continues past toddlerhood. In *Proceedings of the 20th International Congress of Phonetic Sciences*. Prague, Czech Republic.
- 2019 Lin, S.*, **Cychosz, M.***, Shen, A.*, & Cibelli, E. The effects of phonetic training and visual feedback on novel contrast production. In *Proceedings of the 19th International Congress of Phonetic Sciences*. Melbourne, Australia.

- 2019 Schuller, B. W. Batliner, A. Bergler, C., Pokorny, F. B., Krajewski, J., **Cychosz, M.**, Vollmann, R., Roelen, S., Schnieder, S., Bergelson, E., Cristia, A., Seidl, A., Warlaumont, A., Yankowitz, L., Noth, E., Amiriparian, S., Hantke, S., & Schmitt, M. The INTERSPEECH 2019 Computational Paralinguistics Challenge: Styrian Dialects, Continuous Sleepiness, Baby Sounds & Orca Activity. In *Proceedings of Interspeech 2019*, Graz, Austria.
- 2018 **Cychosz, M.** Functional load and frequency as predictors of consonant emergence across five languages. In *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*.
- 2017 **Cychosz, M.**, Gordon, A., Odimegwu, O., Connolly, O., Bellassai, J., & Roemmele, M. Effective Scenario Designs for Free-text Interactive Fiction. *Proceedings of the 10th International Conference on Interactive Digital Storytelling (ICIDS)*. Madeira, Portugal.
- 2017 Bellassai, J., Gordon, A., Roemmele, M., **Cychosz, M.**, Odimegwu, O., & Connolly, O. Unsupervised Text Classification for Natural Language Interactive Narratives. *Proceedings of the 10th International Workshop on Intelligent Narrative Technologies (INT10)*. Snowbird, Utah.
- Other conference proceedings**
- 2018 **Cychosz, M.**, & Kalt, S. The contribution of functional load on children's vocalic development. In Gallagher, G., Gouskova, M., and Yin, S. (eds.), *Supplemental Proceedings of the 2017 Annual Meeting on Phonology*. Washington, DC: Linguistic Society of America.
- 2018 **Cychosz, M.**, & Kalt, S. Language-specific sources of acoustic stability. In *Proceedings of the 42nd Annual Boston University Conference on Language Development*.
- 2016 Cheng, A., Faytak, M., & **Cychosz, M.** Language, race, and vowel space: Contemporary California English, *Proceedings of the 42nd Annual Meeting of the Berkeley Linguistics Society*. (Vol. 42). Berkeley, California.
- Datasets and corpora**
- 2020 **Cychosz, M.***, Romeo, R., Soderstrom, M., Scaff, C., Ganek, H., Cristia, A., Casillas, M., de Barbaro, K., Bang, J., & Weisleder, A.* *Daylong Audio Recordings of Children's Linguistic Environments (DARCLE) Ethics Repository*. DOI 10.17605/OSF.IO/U3TFV.
- 2019 **Cychosz, M.**, Cristia, A., Bergelson, E., Casillas, M., Baudet, G.,

Warlaumont, A. S., Scaff, C., Yankowitz, L., & Seidl, A. *BabbleCor: A Crosslinguistic Corpus of Babble Development in Five Languages*. DOI 10.17605/OSF.IO/RZ4TX.

2018 **Cychosz, M.** *Cychosz HomeBank Corpus*, DOI 10.21415/YFYW-HE74. (2000+ hours of naturalistic daylong recordings of bilingual South Bolivian Quechua and Spanish speech)

2016 Escobar, E., **Cychosz, M.** Hayes, D., Lapierre, M., Raskit, T. L., Michael, L., Nee, J. E., & Ramirez, E. *Berkeley Field Methods: South Bolivian Quechua, SCL 2016-13*, Survey of California and Other Indian Languages. University of California, Berkeley. DOI: 10.7297/X2T72FMM.

Published repositories (scripts + tutorials)

2020 **Cychosz, M.** Categorize app. GitHub Repository.
github.com/megseekosh/Categorize_app_v2

2020 **Cychosz, M.** Triple formant tracker. Github Repository.
github.com/megseekosh/vocal_tract_vowel

* Denotes shared first authorship

Fellowships and Awards

2023 **Lessons for Success Mentee** (grant writing program)
American Speech and Hearing Association

2022 **Early Career Travel Subsidy**
\$500, Acoustical Society of America

2021 **Young Investigator Travel Award**
\$500, Women in Acoustics & Acoustical Society of America

2021 **Open Access Publishing Award**
\$1475, University of Maryland

2021 **Strategic Plan Presentation Winner** (for exemplifying international research related to children's development)
Society for Research on Child Development

2019 **Raymond H. Stetson Scholarship in Phonetics and Speech Science**
\$30,000, Acoustical Society of America

2019 **Indigenous Languages of Latin America (ILLA) Travel Grant**
\$1000, UC Berkeley

2019 **Oswalt Documenting Endangered Languages Grant**
\$4500, UC Berkeley

2018, 2019 **Student Travel Subsidy Award**
Acoustical Society of America

2018 **Student Technology Fund Grant**, UC Berkeley
to fund recording and field equipment for child language data collection in Bolivia

2018 **Oswalt Documenting Endangered Languages Grant**

Spring & Fall 2018	\$5000, UC Berkeley Dissertation Completion Fellowship UC Berkeley
2017	Society for Language Development Student Award (awarded annually to the student demonstrating the most diverse research agenda)
2017	Tinker Summer Field Research Grant UC Berkeley
2016	Graduate Assembly Conference Travel Grant UC Berkeley
2016-17	Foreign Language Area Studies Fellowship: Portuguese Institute for European Studies, UC Berkeley
2015, 2016, 2018	Department of Linguistics Travel Grant UC Berkeley
2015, 2017	Student Technology Fund Grant UC Berkeley with Keith Johnson and Auburn Barron-Lutzross to fund recording equipment for UC Berkeley Sociophonetic Area for Recording Conversational Language
2013	Summer Research Grant , Indiana University
2012	Phi Beta Kappa
2011-2015, annually	Kappa Alpha Theta academic scholarship

Presentations

Invited Talks (external)

2023	Cychosz, M. "Using naturalistic language samples of children's everyday lives to understand phonetic, phonological, and morphological development." Journée scientifique de la Société de Linguistique de Paris [Scientific Day of the Parisian Linguistic Society.]. Ecole normale supérieure. Paris, France.
2022	Cychosz, M. "Coarticulation, compensation, and phonetic change." University of Pennsylvania Integrated Language Science and Technology (ILST) Seminar Series. Philadelphia, PA.
2022	Cychosz, M. "What long-distance coarticulation can tell us about coarticulatory development." Invited talk part of special session "Perspectives on Long Distance Coarticulation" 182 nd Meeting of the Acoustical Society of America. Denver, CO.
2022	Cychosz, M. "Coarticulation, compensation, and phonetic change." ZAS Berlin: Phonetics & Phonology. Berlin, Germany.
2022	Cychosz, M. "Speech biases and the speech environment." Johns Hopkins Cognitive Science Colloquium, Baltimore, MD.

- 2022 **Cychosz, M.** "Coarticulation, compensation, and phonetic change." Harvard University Linguistics Colloquium, Cambridge, MA.
- 2022 **Cychosz, M.** "Coarticulation, compensation, and phonetic change." UCLA Linguistics Colloquium, Los Angeles, CA.
- 2022 **Cychosz, M.** "Environmental influences on children's phonetic development." San Diego State Speech, Language, and Hearing Sciences Colloquium, San Diego, CA.
- 2021 **Cychosz, M.** Why kids are hard to understand: Implications for speech technology and children's development. Invited talk for the Acoustical Society of America Press Room. [An outlet that provides "efficient dissemination of information regarding...the field of acoustics to the news media, science writers, and other interested parties."]
- 2021 **Cychosz, M.** Reconsidering variability in child speech production. Invited talk part of special session "Ideas worth reconsidering in speech perception and production." 181st Meeting of the Acoustical Society of America. [virtual]
- 2021 **Cychosz, M.** Environmental influences on speech development. University of Delaware Syntax, Neurolinguistics, and Phonetics/Phonology (SNaP) Meeting. Newark, DE.
- 2020 **Cychosz, M.** Environmental influences on children's phonetic development. UCLA Phonetics Seminar. Los Angeles, CA.
- 2018 **Cychosz, M.** Functional load and frequency as predictors of consonant emergence across five languages. Presented for Georgetown University Linguistics Department, PhonLab. Washington, D.C.
- 2018 **Cychosz, M.** Cross-linguistic predictors of consonant emergence. Presented for University of Maryland, Learning to Talk lab. College Park, MD.
- 2018 **Cychosz, M.** Cross-linguistic predictors of consonant emergence. Presented for University of Maryland, Project on Children's Language Learning. College Park, MD.

Invited Talks (internal)

- 2022 **Cychosz, M.** Harnessing children's messy, naturalistic environments to understand speech and language development. University of Maryland Developmental Science Colloquium. College Park, MD.

- 2022 **Cychosz, M.** Academic Job Market 101. University of Maryland Language Science Lunch Talk, College Park, MD.
- 2019 **Cychosz, M.** Daylong audio recordings in linguistic research: Collection, management, and use. Presented for the Group on American Indian Languages, Berkeley, CA.
- 2019 **Cychosz, M.** Child learners and daylong recording methods: New challenges in linguistic fieldwork. Presented for the UC Berkeley Fieldwork Forum, Berkeley, CA.
- 2017 **Cychosz, M.** Language specificity in phonological development. Presented for University of California, Berkeley, Language and Cognitive Development Lab, Berkeley, CA.

Conference presentations

- 2023 **Cychosz, M.**, Edwards, J., Munson, B., Romeo, R. R., Kosie, J., & Newman, R. "The everyday speech environments of preschoolers with and without cochlear implants." Talk to be given at the 20th *International Congress of Phonetic Sciences*. Prague, Czech Republic.
- 2023 **Cychosz, M.**, Scarpelli, C., Stephans, J., Sola, A. M., Kolhede, K., Ramirez, R., Christinanson, E., Chan, V., & Chan, D. K. "Changes in infants' and toddlers' vocal activity before and immediately after cochlear implant activation." Poster to be given at the 2023 *Conference on Implantable Auditory Prostheses*. Lake Tahoe, CA.
- 2023 **Cychosz, M.**, Edwards, J., Munson, B., Romeo, R. R., Kosie, J., & Newman, R. "How do the everyday speech-language environments of preschoolers with and without cochlear implants predict their vocal maturity outcomes?" Talk to be given at the 2023 *Conference on Implantable Auditory Prostheses*. Lake Tahoe, CA.
- 2023 Gross, J.[†], **Cychosz, M.**, & Fu, Q.-J. "Effects of frequency-to-place mismatch in children listening to simulated unilateral and bilateral cochlear implant configurations." Poster to be given at the 184th *Meeting of the Acoustical Society of America*. Chicago, IL.
- 2023 Bowler, C.[†] & **Cychosz, M.** "Exposure to electronic noise and the impact on language development in 3 & 4 year olds." Poster to be given at the University of Maryland, College Park Undergraduate Research Day. College Park, MD.
- 2022 **Cychosz, M.**, Xu, K., & Fu, Q.-J. "Effects of spectral smearing on speech understanding and masking release in simulated bilateral

- cochlear implants." Poster given at the 183rd Meeting of the Acoustical Society of America. Nashville, TN.
- 2022 Ahmed, F.[†], Newman, R., & **Cychosz, M.** "Syllable complexity in 24 month-old infants resulting from spontaneous mother-child vocal interactions." Poster given at the 183rd Meeting of the Acoustical Society of America. Nashville, TN.
- 2022 Hitczenko, K.,... **Cychosz, M.**,...Cristia, A. "The development of canonical proportion continues through 6 years of age." Talk given at the 47th Annual Boston University Conference on Language Development. Boston, MA.
- 2022 **Cychosz, M.**, Munson, B., Newman, R., & Edwards, J. "The everyday speech soundscapes of preschoolers with and without cochlear implants." Talk given at the Mid-Atlantic Symposium on Hearing (MASH). College Park, MD.
- 2022 Garcia, R...**Cychosz, M.**...Woon, F. "Running a truly international school on early language development." Poster given as part of thematic poster session on *Western Biases in Infant Research: The state of the field and strategies for change*. International Congress for Infant Studies. Ottawa, Canada.
- 2022 **Cychosz, M.**, & Cristia, A. "Using big data from long-form recordings to study development and optimize societal impact." Poster given as part of thematic poster session on *Western Biases in Infant Research: The state of the field and strategies for change*. International Congress for Infant Studies. Ottawa, Canada.
- 2022 Garg, R.[†], Edwards, J., & **Cychosz, M.** "Effect of Everyday Speech Exposure on Children's Lexical and Phonological Development." Poster presented at the Society for Research on Child Language Development, Madison, WI.
- 2022 Villanueva, A., **Cychosz, M.**, & Weisleder, A. "Dual Language Input from Adults and Older Children in Two Communities." Poster given at the *Special Topic Meeting: Construction of the 'Other': Development, Consequences, and Applied Implications of Prejudice and Discrimination*. Society for Research in Child Development. Rio Grande, Puerto Rico.
- 2022 Villanueva, A., **Cychosz, M.**, & Weisleder, A. "Do bilingual infants experience each language in distinct interactional contexts?" Presented as part of symposium *Children's exposure to and use of socially meaningful variation in language*. Cognitive Development Society. Madison, WI.

- 2022 **Cychosz, M.** Language exposure and phonological working memory development. Talk given at the *96th Annual Meeting of the Linguistic Society of America*. Washington, D.C.
- 2021 **Cychosz, M.**, Edwards, J. R., Bernstein Ratner, N., Torrington Eaton, C., & Newman, R. Disentangling acoustic measures from lexical statistics in child-directed speech. Poster given at the *181st Meeting of the Acoustical Society of America*. Seattle, WA.
- 2021 **Cychosz, M.** Nonword repetition patterns in a culture with infrequent child-directed speech. Poster given at the *46th Annual Boston University Conference on Language Development*. Boston, MA.
- 2021 **Cychosz, M.**, Munson, B., & Edwards, J. Children talking also matters: Language practice and experience predict speech production patterns. Talk given at the *15th Congress of the International Association for the Study of Child Language*.
- 2021 Kuzminykh, N...**Cychosz, M.**...Cristia, A. What day-long audio-recordings can tell us about children's vocal development. Talk given at the *Münster Conference on Linguistic Representations and Language Processing*.
- 2021 Villanueva, A., **Cychosz, M.**, & Weisleder, A. Dual language input from adults and older children in two communities. Poster given at the *2021 Society for Research in Child Development Biennial Meeting*.
- 2021 Kuzminykh, N...**Cychosz, M.**...Cristia, A. Effect of age and language phonological complexity on children's vocalizations. Flash paper given at the *2021 Society for Research in Child Development Biennial Meeting*.
- 2021 **Cychosz, M.** Language exposure predicts bilingual children's speech patterns. Talk given at the *95th Annual Meeting of the Linguistic Society of America*. San Francisco, CA.
- 2021 **Cychosz, M.** & Johnson, K. Children do not uniformly compensate for their vocal tract morphologies. Talk given at the *95th Annual Meeting of the Linguistic Society of America*. San Francisco, CA.
- 2021 Marin, N.,...**Cychosz, M.**...Cristia, A. Out of the mouth of babes: The effects of phonological complexity on early language acquisition. Presented at the *Budapest CEU Conference on Cognitive Development*.
- 2020 **Cychosz, M.** Do children compensate for their vocal tract morphologies? Poster given at the *179th Meeting of the Acoustical Society of America*.

- 2020 **Cychosz, M.** Language exposure predicts bilingual children's speech patterns. Talk given at the *45th Annual Boston University Conference on Language Development*. Boston, MA.
- 2020 Villanueva, A., **Cychosz, M.**, & Weisleder, A. Dual language input from adults and older children in two communities. Poster given at the *Many Paths to Language Acquisition Workshop*, Nijmegen, The Netherlands.
- 2020 **Cychosz, M.**, Villanueva, A., & Weisleder, A. Efficient estimation of bilingual children's language exposure from daylong audio recordings. Poster given at the *Many Paths to Language Acquisition Workshop*, Nijmegen, The Netherlands.
- 2020 **Cychosz, M.**, Cristia, A, Bergelson, E., Casillas, M., Baudet, G., Warlaumont, A. S., Scaff, C., Yankowitz, L., & Seidl, A. Canonical babble development in a largescale, cross-linguistic corpus. Presentation given as part of symposium "Novel technologies to assess language development in infants." *The International Congress of Infant Studies*. Glasgow, UK.
- 2020 **Cychosz, M.** Coarticulation as a lens into children's lexical planning. Presented at the *94th Annual Meeting of the Linguistic Society of America*, New Orleans, LA.
- 2020 **Cychosz, M.**, & Tracy, E. Response time judgments indicate linguistic bias to bilingual speech. Presented at the *94th Annual Meeting of the Linguistic Society of America*, New Orleans, LA.
- 2019 **Cychosz, M.**, & Johnson, K. Novel acoustic measures of coarticulation reveal morphological planning in child speech. Presented at the *178th Meeting of the Acoustical Society of America*, San Diego, CA.
- 2019 **Cychosz, M.**, Lin, S., & Johnson, K. Estimating bilingual children's language exposure from daylong audio recordings. *California Meeting on Psycholinguistics*. Santa Cruz, CA. [Unable to attend]
- 2019 **Cychosz, M.** Holistic lexical storage: evidence from child speech. Presented at the *19th International Congress of Phonetic Sciences*, Melbourne, Australia.
- 2019 Lin, S.*, **Cychosz, M.***, Shen, A., & Cibelli, E. The effects of phonetic training and visual feedback on novel contrast production. Presented at the *19th International Congress of Phonetic Sciences*. Melbourne, Australia.
- 2019 **Cychosz, M.**, Munson, B., & Edwards, J. Familiarity and practice predict autonomy in children's speech gestures. Presented at the

- 2019 **Cychosz, M.** Coarticulation varies by consonant identity in adult and child speech. Presented at the *177th Meeting of the Acoustical Society of America*, Louisville, Kentucky.
- 2018 **Cychosz, M.**, & Tracy, E. Bilingual speech associations in phonetic representation. Presented at the *176th Meeting of the Acoustical Society of America*, Victoria, BC, Canada.
- 2018 **Cychosz, M.**, Erskine, M., & Edwards, J. The lexical advantage: Four year old children learn words, not sounds. Presented at the *43rd Annual Boston University Conference on Language Development*, Boston, MA.
- 2018 **Cychosz, M.** Functional load and frequency as predictors of consonant emergence across five languages. Presented at the *40th Annual Meeting of the Cognitive Science Society*, Madison, WI.
- 2018 **Cychosz, M.** Cross-linguistic predictors of consonant emergence, Presented at the *International Child Phonology Conference*, Crete, Greece.
- 2017 **Cychosz, M.** & Kalt, S. Language-specific sources of acoustic stability in phonological development. Presented at the *42nd Boston University Conference on Language Development*, Boston, MA.
- 2017 **Cychosz, M.** & Kalt, S. The contribution of functional load on children's phonological development. Presented at the *2017 Annual Meeting on Phonology*, New York, NY.
- 2017 Daidone, D., Lidster, R., Kruger, F., & **Cychosz, M.** New methods for predicting perceptual discriminability of non-native contrasts. Presented at the *9th Annual Pronunciation in Second Language Learning & Teaching (PSLLT) Conference*.
- 2017 **Cychosz, M.**, & Johnson, K. Social evaluation addresses actuation in sound change. Presented at the *4th Workshop on Sound Change*. Edinburgh, Scotland.
- 2017 Lin, S., **Cychosz, M.**, Shen, A., & Cibelli, E. Instructional and biofeedback training in L2 contrast learning. Presented at the *91st Annual Meeting of the Linguistic Society of America*, Austin, TX.
- 2016 **Cychosz, M.** Sources of variation in an emerging Parisian French vernacular. Presented at *New Ways of Analyzing Variation 45*, Vancouver, Canada.

- 2016 **Cychosz, M.**, & Garrote Salazar, M. Acquisition of the passive in Spanish-learning children: Constructing the syntactic skeleton. Presented at the *41st Annual Boston University Conference on Language Development*. Boston, MA. [unable to attend]
- 2016 **Cychosz, M.** Identity and adolescence as factors in L2 phonological acquisition. Presented at *New Sounds: 8th International Conference on Second-Language Speech*, Aarhus, Denmark.
- 2016 Cheng, A., Faytak, M., & **Cychosz, M.** Language, race, and vowel space: Contemporary California English. Presented at *Berkeley Linguistics Society 42*, Berkeley, CA.
- 2015 **Cychosz, M.** Variation in the signal: Social correlation in a completed sound change. Presented at *New Ways of Analyzing Variation 44*, Toronto, Canada.

†Denotes student trainee.

Public Outreach

Public Lectures for families of children with hearing loss

- June 2022 **“After the hearing screening: Establishing a foundation for language growth following diagnosis”** with Christina Blomquist & Nicole Nguyen
- July 2022 **“Look, Listen, Learn: How early talk at home helps your child learn language”** with Christina Blomquist & Nicole Nguyen
- August 2022 **“In the classroom and on the playground: Translating at-home practices for school”** with Christina Blomquist & Nicole Nguyen

Public Events Organized

- April 2023 **“Cochlear Implant Meet-and-greet”** [an educational and play session for children with hearing loss and their families] with Christina Blomquist & Nicole Nguyen
- Nov 2022 **“Cochlear Implant Meet-and-greet”** [an educational and play session for children with hearing loss and their families] with Christina Blomquist & Nicole Nguyen

Teaching Experience

UCLA: Courses

Winter 2024
Fall 2023

Introduction to General Phonetics (Undergraduate)
Speech Development (Graduate)

University of Maryland, College Park: Tutorials & Workshops

Winter 2023

Digital signal processing for the speech, language, and hearing sciences: A three-day, hands-on tutorial series using Python,

Primary Instructor

I. Introductions

II. Synthesizing signals

III. Fourier transforms

Winter 2023

Research statements for the academic job market,

Workshop leader

Winter 2022

RMarkdown for intermediate/advanced R users, Primary Instructor

Winter 2022

Getting started with grant writing, Workshop leader

Winter 2021

Intermediate/advanced R, Primary Instructor

Winter 2021

Practical tips for R, Primary Instructor

UC Berkeley: Courses

Spring 2020

Linguistics: Phonological Development, Primary Instructor

Fall 2019

Linguistics: Phonetics, Graduate student instructor

Primary instructor: Susan Lin

Spring 2019

Psychology: Language Development, Graduate student instructor

Primary Instructor: Mahesh Srinivasan

Summer 2018

Linguistics/Psychology: Language Development, Primary Instructor

Fall 2017

Linguistics: Historical Linguistics, Graduate student instructor

Primary Instructor: Andrew Garrett

Indiana University: Courses

Spring 2014

Spanish 200, primary instructor

Fall 2013

Spanish 105, primary instructor

Spring 2013

Fall 2012

Invited Classroom Lectures

2022-2023

Hearing & Speech Sciences: The Research Behind Headlines on Words, Thought, and Behavior: **"The Word Gap"** x3

Advising/Mentoring

UC Berkeley

2020

Adela Arriola

2020

Hitomi Torng

2019-2020

Karina Fong-Hirschfelder

2019-2020

Sierra Adachi

2019-2020

Rachel Elia

2019-2020	Kiran Girish
2019	Sonnet Phelps
2017-2018	Benjamin Papadopoulos
2016-2017	Sofea Dil

University of Maryland

2022-present	Julianna Gross
2022-2023	Claire Bowler, Sydney Condron, Catherine Valentino, JR Tsao, Ruth Park
2021-2023	Aeshah Tawfik
2021-2022	Ria Garg, Farheen Ahmed
2020-2021	Kavya Ganesan, Kaliyah Gowing
2018-2021	Michele Liquori
2018-2019	Becca Higgins

Other Professional Experience

Summer 2016	Visiting Research Assistant (Computer Science) Institute for Creative Technologies, University of Southern California
2014-2015	English Language Teaching Assistant Lycée Darius Milhaud, Le Kremlin Bicêtre, France
Summer 2012	Machine Translation Intern Reverso-Softissimo, Paris, France

Academic Service

Manuscript Reviewing: *Annals of the New York Academy of Sciences, Behavior Research Methods, Bilingualism: Language and Cognition, Child Development, Developmental Science, Diachronica, Ear and Hearing, Frontiers in Psychology: Language Sciences, Journal of Child Language, Journal of Phonetics, Linguistics Vanguard, Scientific Reports, Trends in Hearing*

Conference Reviewing (abstracts): Linguistic Society of America Annual Meeting, Many Paths to Language Acquisition, Berkeley Linguistics Society

Conference Reviewing (papers): Cognitive Science Society, International Congress of Phonetic Sciences

Adhoc Grant Reviewing: UK Medical Research Council, National Science Foundation, Research Grants Council of Hong Kong

Organizing

2023	Co-organizer with Kasia Hitczenko, Amanda Seidl, Marisa Casillas, & Alex Cristia: Symposium on "Novel approaches to studying vocal development" at the 20th International Congress of Phonetic Sciences
2022	Co-organizer with Katie Franich: Linguistic Society of America Symposium on "Suitcase phonetics: Creating a portable phonetics laboratory" at the 2022 Linguistic Society of America Meeting
2021	Co-organizer LangVIEW International Summer/Winter School on Language Acquisition, Pedagogical Team
2020	Co-organizer Berkeley Linguistics Society Workshop (BLS 2020): Phonological Representations.
2019	Co-organizer 10 th Annual Computational Paralinguistics Challenge (ComParE): Interspeech 2019
2017	Organizer , Berkeley Women in Linguistics Working Group
2017	Conference Organizer , Berkeley Linguistics Society (BLS42)
2017	Conference Organizer , Institute for European Studies Conference
2016-2017	Organizer , Berkeley Phonetics & Phonology Phorum

Leadership

2021-2024	Appointed Member , Acoustical Society of America Speech Communication Technical Committee
2017-2022	Board member and pre-PI group organizer , DARCLE (Daylong Audio Recordings of Children's Linguistic Environments)

Committees/Other

2022-present	Mentor , Linguistic Society of America Mentorship Program
2022-present	Member , Linguistic Society of America's Future of Annual Meetings Task Force
2017-present	Member , DARCLE (Daylong Audio Recordings of Children's Linguistic Environments)
2022	Member , Search committee for Acoustical Society Speech Communication Technical Committee Chair
2021	Member University of Maryland Language Science Center taskforce on undergraduate education
2020	Session Chair (Phonetics) , Linguistics Society of America 2021 Annual Meeting
2015-2017	Alternate Representative , Graduate Student Assembly, UC Berkeley

Skills

Software	Python, R, SQL, shell scripting, Praat (analysis, scripting), Git, OpenSesame, LaTeX, Audacity, CLAN, Fieldwork tools (ELAN, FLEx)
Hardware	Eyetracking (EyeLink 1000), Ultrasound (Edgetrak), Wearable technologies (LENA, etc.)

Languages

Native	English
Advanced	Spanish, French
Conversational	Portuguese
Reading	Catalan, Romanian (undergraduate coursework)
Research	South Bolivian Quechua (coursework 2016-2017; fieldwork 2017-present)
	Ecuadorian Quechua, Yucatec Maya (graduate coursework)

Professional Affiliations

Acoustical Society of America
Linguistic Society of America
American Speech-Language-Hearing Association
Phi Beta Kappa