Meg Cychosz  
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Department of Hearing & Speech Sciences 0100 LeFrak Hall

University of Maryland, College Park College Park, MD 20742  
mcychosz@umd.edu [megseekosh.github.io](https://megseekosh.github.io/)

[github.com/megseekosh](https://github.com/megseekosh)

**Professional experience**

June 2020- **NIH-National Institute on Deafness and Other Communication**

present **Disorders (NIDCD) Postdoctoral Researcher**

Center for Comparative & Evolutionary Biology of Hearing Trainee  
& Department of Hearing and Speech Sciences  
University of Maryland, College Park

**Education**

August 2020 **Ph.D., Linguistics,** University of California, Berkeley

Keith Johnson & Sharon Inkelas (co-chairs)

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

**Additional training**

2020 **Certificate of Teaching and Learning in Higher Education**

University of California, Berkeley

2018-2019 **Learning to Talk Lab, Hearing and Speech Sciences Department** University of Maryland

Spring 2017 **Department of Linguistics**  
 Stanford University

Spring 2011 **Study Abroad**

Université Paul Valéry III, Montpellier, France

**Support**

2021-present 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-Principal Investigators). Projected award period: 06/01/2021-05/31/2023. Total cost: $137,999.

To be funded NIH-NIDCD Loan Repayment Program. ‘How children with cochlear implants learn speech from their environments.” **Cychosz, M**. (Principal Investigator). Estimated total funding: $30,000.

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**

Accepted **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*. [[pre-print](https://psyarxiv.com/djkms)]

Under revision **Cychosz, M.** Language exposure predicts children’s phonetic patterning: Evidence from language shift. [[pre-print](https://psyarxiv.com/5jryb)]

Under revision **Cychosz, M.,** Newman, R., Munson, B., & Edwards, J. Auditory feedback experience in phonetic development: Evidence from children with cochlear implants and their normal-hearing peers. [[pre-print](https://psyarxiv.com/ek7zs/)]

Accepted **Cychosz, M.**, Villanueva, A., & Weisleder, A. Efficient estimation of children's language exposure in two bilingual communities. *Journal of Speech, Language and Hearing Research*. [[pre-print](https://psyarxiv.com/dy6v2/)]

To appear **Cychosz, M.** The coarticulation-duration relationship in early Quechua speech. *Journal of Phonetics*. [[pre-print](https://psyarxiv.com/26uyb/)]

2021 **Cychosz, M.,** Cristia, A, Bergelson, E., Casillas, M., Baudet, G., Warlaumont, A. S., Scaff, C., Yankowitz, L., & Seidl, A.Canonical babble development in a large-scale, crosslinguistic corpus. *Developmental Science*.[[early view](https://onlinelibrary.wiley.com/doi/10.1111/desc.13090)]

2021 **Cychosz, M.,** Munson, B., & Edwards, J. Practice and experience predict coarticulation in child speech. *Language Learning and Development*. [[pre-print](https://psyarxiv.com/vwhtk/)]

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*, 31-54.

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.

2019 **Cychosz, M**., Edwards, J., Munson, B., & Johnson, K. (2019). 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.

**Fully peer-reviewed conference proceedings**

2019 **Cychosz, M**. Holistic lexical storage: Coarticulatory evidence from child speech. In *Proceedings of 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. 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 other resources**

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 children learning South Bolivian Quechua and Spanish)

2016 Escobar, E., **Cychosz, M.** Hayes, D., Lapierre, M., Raskit, T. L., Michael, L., Nee, J. E., & Remirez, 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.

\* *Denotes shared first authorship*

**Fellowships and Awards**

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**

$1,000, UC Berkeley

2019 **Oswalt Documenting Endangered Languages Grant   
$**4,500, 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**   
$5,000, UC Berkeley

Spring & Fall 2018 **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, **Kappa Alpha Theta academic scholarship**

annually

**Presentations**

**Invited Talks**

May 2022 **Cychosz, M.** Mechanisms behind coarticulatory development in

children. Invited talk part of special session “Perspectives on Long

Distance Coarticulation” 183rd Meeting of the Acoustical Society of

America. Denver, CO.

June 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.”]

June 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]

March 2021 **Cychosz, M.** Environmental influences on speech development.

University of Delaware Syntax, Neurolinguistics, and Phonetics/Phonology (SNaP) Meeting. Newark, DE.

October 2020 **Cychosz, M.** Environmental influences on children’s phonetic development. UCLA Phonetics Seminar. Los Angeles, CA.

October 2019 **Cychosz, M**. Daylong audio recordings in linguistic research: Collection, management, and use. Presented for the Group on American Indian Languages, Berkeley, CA.

February 2019 **Cychosz, M**. Child learners and daylong recording methods: New challenges in linguistic fieldwork. Presented for the UC Berkeley Fieldwork Forum, Berkeley, CA.

April 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.

March 2018 **Cychosz, M**. Cross-linguistic predictors of consonant emergence. Presented for University of Maryland, Learning to Talk lab. College Park, MD.

February 2018 **Cychosz, M**. Cross-linguistic predictors of consonant emergence. Presented for University of Maryland, Project on Children’s Language Learning. College Park, MD.

September 2017 **Cychosz, M**. Language specificity in phonological development. Presented for University of California, Berkeley, Language and Cognitive Development Lab, Berkeley, CA.

**Conference presentations**

2021 **Cychosz, M.,** Munson, B., & Edwards, J. Children talking also matters: Language practice and experience predict speech production patterns. Talk to be 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 94thAnnual 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 *Workshop on Modeling the Development of Speech Planning in Production*. Macquarie University, Sydney Australia.

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.

**Press**

# 2021 Newswise. Variabilities in Children's Speech Perhaps Not So Concerning. <https://www.newswise.com/articles/variabilities-in-children-s-speech-perhaps-not-so-concerning>

# 2021 American Association for the Advancement of Science (AAAS). Variabilities in children's speech perhaps not so concerning. <https://www.eurekalert.org/pub_releases/2021-06/asoa-vic060321.php>

# 2021 News-Medical.net. Reconsidering the variations in children's speech. <https://www.news-medical.net/news/20210609/Reconsidering-the-variations-in-childrens-speech.aspx>

**Teaching Experience**

**University of Maryland, College Park: Tutorials**

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

**Advising/Mentoring**

**UC Berkeley Linguistics Research Apprentice Program (LRAP)**

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**

2021-present Ria Garg

2020-2021 Kavya Ganesan, Kaliyah Gowing

2018-present Michele Liquori

2018-2019 Becca Higgins

**Other Professional Experience**

Summer 2016 **Visiting Research Assistant,** 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:** *Behavior Research Methods, Developmental Science, Ear and Hearing, Journal of Child Language*

**Conference Reviewing:** Linguistic Society of America Annual Meeting, Cognitive Science Society, Many Paths to Language Acquisition, Berkeley Linguistics Society

**Adhoc Grant Reviewing:** UK Medical Research Council

**Other**

2021 **Co-organizer** LangVIEW International Summer/Winter School on Language Acquisition, Pedagogical Team

2021 **Member** University of Maryland Language Science Center taskforce on undergraduate education

2020 **Co-organizer** Berkeley Linguistics Society Workshop (BLS 2020): Phonological Representations.

2019 **Co-organizer** 10th Annual Computational Paralinguistics Challenge (ComParE): Interspeech 2019

2017-present **Pre-PI Representative and pre-PI group organizer,** DARCLE Board (Daylong Audio Recordings of Children’s Linguistic Environments)

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  
2015-2017 **Alternate Representative,** Graduate Student Assembly, UC Berkeley

**Skills**

Software Python, R, SQL, shell scripting, Praat (analysis, scripting), OpenSesame, LaTeX, Audacity, CLAN, Fieldwork tools (ELAN, FLEx)

Hardware Ultrasound (Edgetrak), Language ENvironment Analysis (LENA)

**Languages**

Native **English**

Near-native **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**

**International Congress of Infant Studies**

**International Phonetic Association**   
**Phi Beta Kappa**