

KATHRYN FRANICH

PERSONAL INFORMATION

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EMPLOYMENT

Harvard University · Cambridge, MA · July 2022-Present
Assistant Professor, Department of Linguistics

University of Delaware · Newark, DE · July 2022-Present
Affiliated Assistant Professor, Department of Linguistics and Cognitive Science

· August 2018-June 2022
Assistant Professor, Department of Linguistics and Cognitive Science

· January 2021-June 2022
Assistant Professor, Department of Communication Sciences and
Communication Disorders

University of Chicago · Chicago, IL · September 2017-August 2018
Postdoctoral Teaching Fellow in the Humanities

EDUCATION

University of Chicago · Chicago, IL · September 2011-September 2017
PhD in Linguistics
Dissertation: *The Interaction of Prominence, Rhythm, and Tone in Medumba*
Committee Chair: Prof. Alan Yu

PUBLICATIONS

Peer Reviewed Articles and Chapters

to appear

Hawtof, L., Gam, F., and Franich, K. Acoustic analysis of implosives in the Rikpà' language. *Proceedings of the Annual Conference on African Linguistics (ACAL)* 54.

Gam, F., and Franich, K. Interactions between lexical tone and intonation in Rikpà'.

2023

Dych, W., Garvin, K., and Franich, K. Comparing manual vs. semi-automated methods for the coding of co-speech gestures. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*, 4170-4174.

Franich, K. Prosodic predictors of temporal structure in conversational turn-taking. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*, 1588-1592.

Garvin, K. and Franich, K. Gestural alignment and accommodation in speaker-listener head gestures. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*, 4160-4164.

Hu, A., Qi, Z., and Franich, K. 2023. Accommodation to vocal pitch in children with autism. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*, 3917-3921.

- 2022 Franich, K. How we speak when we speak to a beat: The influence of temporal coupling on phonetic enhancement. *Laboratory Phonology* 13(1). doi: <https://doi.org/10.16995/labphon.6452>
- Franich, K. and Keupdjio, H. The influence of tone on the alignment of speech and co-speech gesture. *Proceedings of the 11th International Conference on Speech Prosody*.
- Boecher, J., Franich, K., and Usler, E. Rhythm of speech in people who do and do not stutter: A quantitative analysis using the Normalized Pairwise Variability Index. *Proceedings of the 11th International Conference on Speech Prosody*.
- 2021 Franich, K. and Lendja, Ange B. Feeling the beat in an African tone language: Rhythmic mapping between language and music. *Frontiers in Communication*, 6. doi 10.3389/fcomm.2021.653747
- Franich, K. Metrical prominence asymmetries in Medumba, a Grassfields Bantu language. *Language*, 97, 2, 365-402. Project MUSE, doi:10.1353/lan.2021.0021.
- 2020 Franich, K., Wong, H.Y., Yu, A.C.L., and To, C.K.S. Temporal coordination and prosodic structure in autism spectrum disorder: Timing across speech and non-speech motor domains. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-020-04758-z>
- Patel, S., Nayar, K., Martin, G.E., Franich, K., Crawford, S., Diehl, J.J. and Losh, M. An acoustic characterization of prosodic differences in autism spectrum disorder and first-degree relatives. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-020-04392-9>
- 2019 Franich, K. Uncovering tonal and temporal correlates of phrasal prominence in Medumba. *Language & Speech*. <https://doi.org/10.1177/0023830919887994>
- Franich, K. & Sreeparna Sarkar. Effects of rhythmicity on speech perception in speech and musical contexts. *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia.
- Kimball, A., Keupdjio, H., & Franich, K. Expanding field studies using online speech perception experiments. *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia.
- 2018 Franich, K. Tonal and morphophonological effects on the location of perceptual centers (p-centers): Evidence from a Bantu language. *Journal of Phonetics*, 67, 21–33.
- 2016 Franich, K. Internal and contextual cues to tone perception in Medumba. *Journal of the Acoustical Society of America Express Letters*, 140(1), 107–112.
- Franich, K. Perception of Tonal Contours in Medumba. *Proceedings of the 5th International Symposium on Tonal Aspects of Languages*.
- 2015 Franich, K. The effect of cognitive load on tonal coarticulation. *Proceedings of the 18th International Congress of Phonetic Sciences*., Glasgow, Scotland.
- 2014 Goldman, N., Orman, W., Paquette, E., Franich, K., Hawkes, R., Ngabeu, A. & O'Connor, C. Interspeaker variation in noun class realization in Medumba, a Grassfields Language. *Selected Proceedings of the 44th Annual Conference on African Linguistics*. Somerville, MA: Cascadilla Proceedings Project, 98–109.
- 2012 Franich, K., O'Connor, C. & Barnes, J. Tonal merger in Medumba (Bamileke) nouns. *Selected proceedings of the 42nd Annual Conference on African Linguistics*, ed. Michael R. Marlo et al. Somerville, MA: Cascadilla Proceedings Project, 32–46.

Reviews

- 2018 Franich, K. Review of Laura Downing and Al Mtenje (2017): The Phonology of Chichewa. *Phonology*, 35(3), 537-543.

Conference Proceedings (peer-reviewed by abstract only)

- 2018 Franich, K. Evidence for metrical prominence asymmetries in Medumba. *Proceedings of the Annual Meeting in Phonology (AMP) 2017*, New York, NY.
- 2015 Aparicio, H. T., Franich, K. & Xiang, M. The syntax of ellipsis resolution: Eye-tracking evidence from ϕ -feature mismatches. *Proceedings of the 45th Annual Meeting of the North East Linguistic Society*, 1, 39-52.
- 2014 Franich, K. Contour tones and prosodic structure in Medumba. *Proceedings of the 40th Annual Meeting of the Berkeley Linguistic Society*, ed. Herman Lueng et al., 102-124.

Volumes Edited

- 2020 Akinbiyi, A., Bickmore, L., Cahill, M., Diercks, M., Downing, L.J., Essegbey, J., Franich, K., McPherson, L. & Rose, S. *Celebrating 50 years of ACAL: Selected papers from the 50th Annual Conference on African Linguistics*. Berlin: Language Science Press.
- 2015 Aparicio, H., Flynn, G., Franich, K., Pietraszko, J., & Vardomskaia, T. *Proceedings of the 49th Chicago Linguistic Society*, Chicago: University of Chicago Press.
- 2010 Franich, K., Keil, L., & Iserman, K. (eds.). *Proceedings of the 34th Boston University Conference on Language Development*, Somerville, MA: Cascadilla Press.

PRESENTATIONS

Peer-Reviewed Conference Presentations

- 2022 Franich, K. The influence of temporal coupling on phonetic enhancement. *Presentation at LabPhon 18*. [Presented virtually due to COVID-19]
- Keupdjio, H. & Franich, K. The variability of A'-agreement in Bamileke Medumba: A dialect survey. *Presentation at First Conference on Bantoid Languages and Linguistics (Bantoid)*, Hamburg, Germany. [Presented virtually due to COVID-19]
- Franich, K. and Keupdjio, H. Tonal and rhythmic factors in the alignment of speech and co-speech gesture in Medmba. *Presentation at 11th Annual Conference on Speech Prosody, Lisbon, Portugal*.
- Franich, K. and Keupdjio, H. Tonal and rhythmic factors in the alignment of speech and co-speech gesture in Medmba. *Presentation at Linguistic Society of America Annual Meeting, Washington DC*. [Presented virtually due to COVID-19]
- 2021 Franich, K. How we speak when we speak to a beat: The effect of environmental coupling on acoustic characteristics of speech in two prosodically-distinct languages. *Presentation at Rhythm Production and Perception Workshop, RITMO, University of Oslo*. [Held online due to COVID-19]
- Franich, K. Glottalization, Fo, and tonal variation in Med|mba. *Presentation at ACAL 51-52, University of Florida*. [Held online due to COVID-19]
- Hawtof, L., Gam, F., and Franich, K. Acoustic analysis of implosives in Rikpà'. *Presentation at ACAL 51-52, University of Florida*. [Held online due to COVID-19]

- 2020 Franich, K. Understanding Patterns of Voicing and Prenasalization in Medumba: Evidence from Speech Timing. *Poster presentation at LabPhon 17*, Vancouver, BC. [Held online due to COVID-19]
- Sarkar, S. & Franich, K. Articulatory differences between true and assimilated stop geminates in Bengali. *Poster presentation at LabPhon 17*, Vancouver, BC. [Held online due to COVID-19]
- Franich, K. Glottalization, fo, and Tonal Variation in Medumba. *Presentation at the 51st Annual Conference on African Linguistics*, New Brunswick, NJ. [Canceled due to COVID-19]
- 2019 Franich, K. Initial strengthening in derived and nonderived NC sequences in Medumba. *Presentation at the 50th Annual Conference on African Linguistics*, Vancouver, BC.
- 2018 Franich, K. Coordinative mode, phasing, and predictability across languages. *Presentation at Workshop on the Role of Predictability in Shaping Human Sound Systems (satellite workshop of LabPhon 16)*, Lisbon, Portugal.
- Franich, K. Tone-accent attraction in Medumba. *Presentation at the 49th Annual Conference on African Linguistics*, East Lansing, MI.
- 2016 Franich, K. Prominence in speech cycling: Evidence from an African tone language. *Presentation at AMLaP16*, Bilbao, Spain.
- Franich, K. Cues to tone perception in Medumba. *Presentation at 47th Annual Conference on African Linguistics*, Berkeley, CA.
- 2015 Franich, K. The prosodic status of lexically contoured words in Medumba. *Presentation at 46th Annual Conference on African Linguistics*, Eugene, OR.
- Yu, A., Chen, D., Franich, K., Halberstam, Y., Phillips, J. & Pillion, B. The peril of sounding manly: A look at vocal characteristics of lawyers before the United States Supreme Court. *Presentation at 89th Annual Meeting of the LSA*, Portland, OR.
- Franich, K., Aparicio, H. & Xiang, M. Inflectional ϕ -feature mismatches under ellipsis: An eye-tracking study. *Presentation at the 15th annual meeting of the Texas Linguistic Society*, UT Austin.
- Yu, A., Chen, D., Franich, K., Halberstam, Y., Phillips, J., Pillion, B., Hao, Y. & Yin, Z. The peril of sounding manly: A look at vocal characteristics of lawyers before the United States Supreme Court. *Presentation at LabPhon 14*, Tokyo, Japan.
- 2014 Franich, K. Contour tones, vowel length, and syllable weight in Medumba. *Presentation at the 2014 CUNY Phonology Forum*.
- Franich, K. The Interaction of vowel length and tone in Medumba. *Presentation at the 88th Annual Meeting of the LSA* (poster).
- 2013 Franich, K. Foot structure in Medumba. *Presentation at the African Linguistics Workshop, LSA Institute*.
- Franich, K. Focus and regressive tone spreading in Medumba. *Presentation at the 44th Annual Conference on African Linguistics*, Georgetown University.
- Orman, W., Franich, K., Hawkes, R., Goldman, N., Ngabeu, A. & O'Connor, C. Variation in noun class realization in Medumba, a Grassfields language. *Presentation at the 44th Annual Conference on African Linguistics*, Georgetown University.

- 2011 Franich, K., O'Connor, C. & Barnes, J. 2011. Tonal merger in Medumba (Bamileke) nouns. *Presentation at the 42nd Annual Conference on African Linguistics*, University of Maryland.
- Franich, K., O'Connor, C. & Barnes, J. Tone change and dialect formation in Medumba. *Presentation at Methods in Dialectology XIV*, University of Western Ontario.
- Invited Presentations**
- 2024 Franich, K. TBD. *Linguistics Colloquium, Northwestern University, April 12.*
- Franich, K. TBD. *Linguistics Program Speaker Series, Princeton University, March 27.*
- 2023 Franich, K. Exploring the Relationship Between Gesture and Pitch 'Prominence' From the Perspective of African Tonal Languages. *International Conference on Tone and Intonation (TAI 2023)*, November.
- Franich, K. Co-Speech Gesture and Prosodic Structure: What African Languages Can Tell Us. *54th Annual Conference on African Linguistics (ACAL)*, June 14.
- 2022 Franich, K. Cross-Language and Language-Specific Patterns in the Relationship Between Coordination, Phonetic Enhancement, and Prosodic Prominence. *LingLangLunch, Brown University, November 9.*
- Franich, K. Using music and movement as windows into prosodic structure. *PhonX Group, Rutgers University, November 4.*
- Franich, K. Using music and movement as windows into prosodic structure. *City University of New York Graduate Center, Program in Speech-Language-Hearing Sciences Colloquium Series, November 2.*
- Franich, K. Rhythmic 'Prominence' in an African Tone Language: Evidence from Speech and Musical Timing. *Washington University Colloquium, April 22.*
- Franich, K. Exploring the Relationship Between Temporal Coordination and Phonetic Enhancement Effects. *Cornell University Colloquium, April 7.*
- 2021 Franich, K. The Role of Metrical Prominence in Coordinating Speech and the Body: Evidence from Medumba, a Grassfields Bantu Language. *NYU Phonetics and Experimental Phonology (PEP) Lab, March 26.*
- 2020 Franich, K. The role of metrical prominence in coordinating speech and the body: Evidence from Medumba, a Grassfields Bantu language *Boston University Linguistics Colloquium, October 2.*
- Franich, K. Rhythmic alignment in Medmba language and song: The role of metrical foot structure. *Keio x ICU Linguistics Colloquium, Tokyo, Japan, October 2.*
- Franich, K. Examining the relationship between speech timing, grammar, and predictive processes across languages. *UPenn Integrated Language Science and Technology Seminar, Philadelphia, PA, February 7.*
- 2019 Franich, K. Cross-linguistic patterns in speech timing: What they tell us about grammar and predictive processes. *Villanova University Cognitive Science Brown Bag Series, Villanova, PA, October 30.*
- Franich, K. Cross-linguistic patterns in speech timing: What they tell us about grammar and predictive processes. *Tri-Co Department of Linguistics (Swarthmore, Haverford, and Bryn Mawr colleges), Haverford, PA, October 7.*

Franich, K. Exploring the impact of linguistic structure on speech timing and perception across languages. *University of Delaware Cognitive Brown Bag Series*, February 25, 2019.

2018

Franich, K. Investigating the nature of implicit timing in speech production and perception. *Nemours Lectures on Pediatric Research Series*, Nemours Hospital, Wilmington, DE, November 5.

Franich, K. Phonetic analysis in the study of grammar and language variation. *Workshop on Socio-Spatial Approaches to the Study of Multilingualism*, University at Buffalo, August 14.

Franich, K. The role of metrical prominence in speech coordination and perception across languages. *Haskins Laboratories Staff Talks*, New Haven, CT, July 19.

Franich, K. Temporal structure in phonology: Grammar, prediction, and processing across languages. *Yale University Colloquium*, February 26.

TEACHING

Harvard University

Language and Society (LING 103 - Spring 2022, Fall 2023)

Sounds of Language (LING 105 - Spring 2023, Spring 2024)

Phonological Theory I (LING 115 - Fall 2022, Fall 2023)

University of Delaware

Seminar in Speech Timing (LING 890 - Fall 2020)

Seminar in Articulatory Phonology (LING 890 - Fall 2019)

Phonetics I (LING 634 - Spring 2019, 2020, 2022)

Introduction to Speech and Hearing Science (LING 353 - Fall 2018, 2019)

University of Chicago

Linguistic Field Methods (LING 20301 - Spring 2017)

Language and the Human (HUMA 17100 - Winter/Spring 2017)

Linguistic Perspectives on Language Disorders (LING 20001 - Winter 2017)

Introduction to Linguistics (LING 20001 - Winter 2016)

2010-2011: Spanish teacher at International Language Institute, Northampton, MA. Taught Spanish (speaking, reading and writing) to adult learners.

2009-2010: ELL teacher at EF Education First. Taught classes on college-level writing to English language learners at EF Education First, one of the largest international programs for language education and cultural exchange.

2008: ELL teacher at Ajb'atz' Enlace Quiché. Taught English at a non-profit organization located in the highlands of Guatemala specializing in bringing technology and educational resources to rural communities.

As Teaching Assistant

Spring 2015: Morphology (LING 21000), University of Chicago - Teaching assistant to Jackson Lee. Taught weekly section, graded assignments and exams, met with students during office hours.

Fall 2014: Introduction to Phonetics and Phonology (LING 20101), University of Chicago - Teaching assistant to Jason Riggie. Taught weekly section, graded assignments and exams, met with students during office hours.

Spring 2014: Historical Linguistics (LING 21300), University of Chicago - Teaching assistant to Yaroslav Gorbachov. Taught weekly section, graded assignments and exams, met with students during office hours.

Spring 2013: Introduction to Phonetics and Phonology (LING 20101), University of Chicago - Teaching assistant to Martina Martinović. Taught weekly section, graded assignments and exams, met with students during office hours.

Spring 2011: Linguistic Field Methods (LX501), Boston University - Teaching assistant to Cathy O'Connor. Graded assignments and papers, helped supervise in-class elicitations.

Spring 2010: Linguistic Field Methods (LX501), Boston University - Teaching assistant to Cathy O'Connor. Graded assignments and papers, helped supervise in-class elicitations.

Certifications and Training

Fall 2014: Completed Principles of Teaching Writing (ENGL 50300) in order to be qualified to teach advanced courses on academic writing and rhetoric in the Writing Program at the University of Chicago.

ADVISING AND MENTORING

Postdoctoral Researchers

- Karee Garvin (January 2022-present)

Thesis and Qualifying Paper Committees (graduate level)

- Anabelle Caso (generals paper committee, Harvard)
- Jian Cui (generals paper committee, Harvard)
- Maxwell Schmid (dissertation committee, first reader of QP2; UD)
- Janina Böcher (dissertation committee, first reader of QP2; UD)
- Anqi Hu (first reader of QP2; UD/Northeastern University)
- Anne van Zelst (dissertation committee, plan of study committee; UD)
- Fridah Gam à Belek (master's thesis committee; University of Yaoundé 1)
- Faisal Alkahtani (committee member of QP1; UD)
- Chao Han (committee member of QP2; UD)
- Huan Luo (dissertation committee; UD)
- Mackenzie Marcinko (first reader of QP2, committee member of QP1; UD)
- Sreeparna Sarkar (first reader of QP2, committee member of QP1; UD)
- Kristina Strother-Garcia (dissertation committee; UD)
- Luopeng Zheng (committee member of QP1; UD)

Undergraduate Thesis Committees

- Christian Abney (Harvard class of 2023)

OTHER EMPLOYMENT

2011-2012: Research Assistant to Dr. Alan Yu, University of Chicago.

2008-2011: Research Assistant to Dr. Catherine O'Connor, Boston University. Digitized and organized audio tapes of elicitations on Northern Pomo language.

2005-2007: Research assistant at Goodman Research Group, Inc. Designed instruments and conducted evaluation research on non-formal education programs including museums, public television and radio, early literacy programs, and science centers.

GRANTS, AWARDS & FELLOWSHIPS

- SSHRC Insight Development Grant 430-2022-00486, 2022-2024: "Functional categories at the Igala clausal periphery" (2022-2024) (Role: Collaborator)
- National Science Foundation BCS-2018003 "Speech and Communicative Timing Across Languages and Linguistic Contexts" (2020-2024), \$389,254 (Role: PI)
- University of Delaware Research Foundation grant "Cross-cultural Variation in Speech-Body Coordination and Communicative Timing" (2019-2021), \$38,500 (Role: PI)
- University of Delaware Global and Area Studies small grant, \$2,000
- Mellon Foundation-University of Chicago Dissertation Completion Fellowship for 2016-17 academic year, \$31,800 plus tuition, fees, and health insurance
- National Science Foundation SBE Dissertation Improvement Grant BCS-1423865: "The Interaction Between Tone, Prosody and Accent" (Co-PI Alan C.L. Yu, 2014-2016), \$15,339

ACADEMIC SERVICE (DEPARTMENT LEVEL)

- Director of Undergraduate Studies, Harvard Linguistics Department (2023-2024)
- Senator, University of Delaware College of Arts and Sciences Faculty Senate (2020-2022)
- Member, UD College of Arts and Sciences Committee on Diversity, Equity, and Inclusion (2020-2022)
- Member, Department Committee on Diversity, Equity, and Inclusion, Department of Linguistics and Cognitive Science, UD (2020-2022)
- Member, Graduate Studies Committee, University of Delaware Dept. of Linguistics & Cognitive Science (2018-2022)
- Member, Mentoring Committee, University of Delaware Dept. of Linguistics & Cognitive Science (2018-2022)
- Member, Phonetics and Phonology Faculty Search Committee, University of Delaware Dept. of Linguistics & Cognitive Science (2021)
- Member, Syntax Faculty Search Committee, University of Delaware Dept. of Linguistics & Cognitive Science (2019)

ACADEMIC SERVICE (FIELD OF LINGUISTICS)

- Co-organizer, International Conference on Speech Prosody special session *Timing and Rhythm Across Languages (TRALA)* (with Tamara Rathcke), May 2022
- Co-organizer, LSA Special Session *Suitcase Phonetics: Creating a portable phonetics laboratory* (with Meg Cychosz), January 2022
- Member, Executive Committee, Association for Contemporary African Linguistics
- Editorial board, *Frontiers in Artificial Intelligence: Language and Computation*
- Ad hoc reviewer (journals): *Journal of the International Phonetic Association*, *Journal of Phonetics*, *Laboratory Phonology*, *Language*, *Languages*, *Studies in African Linguistics*, *Journal of Autism and Developmental Disorders*, *Journal of Developmental and Physical Disabilities*
- Ad hoc reviewer (conferences): *Annual Meeting in Phonology (AMP)*, *Chicago Linguistic Society*, *International Congress of Phonetic Sciences*, *North East Linguistic Society (NELS)*
- Ad hoc reviewer (grant agencies): *National Science Foundation* (2019,2020), *Endangered Languages Documentation Programme* (2014)

- Program committee member, LabPhon 17,18
- Scientific committee member, Meaning in Flux 2019 (Yale University)
- Co-organizer, Workshop on Dynamic Modeling in Phonetics and Phonology, University of Chicago (with Alan Yu), May 2017

LANGUAGES

ENGLISH (Native), SPANISH (Advanced), FRENCH (Intermediate),
KEJOM/BABANKI (Beginner/Fieldwork knowledge), MEDHMBBA
(Beginner/Fieldwork knowledge), RIKPA' (Beginner/Fieldwork knowledge),
CANTONESE (Research knowledge), CHUVASH (Research knowledge), IGBO
(Research knowledge), L'IGALA (Research knowledge), MANDARIN (Research
knowledge)

December 13, 2023