

ELEANOR CHODROFF

University of Zurich

Department of Computational Linguistics

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8050 Zurich, Switzerland

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ACADEMIC EMPLOYMENT

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|-----------|-----------------------------------------------------------------------------------------------------------------------|
| 2023— | SNF PRIMA Assistant Professor
Department of Computational Linguistics
University of Zurich, Zurich, Switzerland |
| 2019–2022 | Lecturer in Phonetics and Phonology
Department of Language and Linguistic Science
University of York, York, UK |
| 2017–2019 | Postdoctoral researcher
Department of Linguistics
Northwestern University, Evanston, IL |

EDUCATION

- | | |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014–2017 | Johns Hopkins University, Baltimore, MD
PhD, Cognitive Science
Dissertation title: <i>Structured variation in obstruent production and perception</i> |
| 2012–2014 | Johns Hopkins University, Baltimore, MD
MA, Cognitive Science |
| 2008–2012 | New York University, New York, NY
BA, German and Linguistics
<i>Summa cum laude</i>
<i>Phi Beta Kappa</i> |

REFEREED PUBLICATIONS

- | | |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024 | Pricop, B.* and Chodroff, E. Consonant f0 effects: A case study on Catalan. <i>Proceedings of Speech Prosody 2024</i> . |
| 2024 | Chodroff, E. , Pažon, B.*, Baker, A.*, and Moran, S. Phonetic segmentation of the UCLA Phonetics Lab Archive. <i>Proceedings of LREC-COLING 2024</i> . |
| 2023 | Stilp, C. and Chodroff, E. “Please say what this word is”: Linguistic experience and acoustic context interact in vowel categorization. <i>JASA Express Letters</i> 3(8), 085203. |
| 2023 | Coretta, S., Casillas, J. V., Roessig, S., Franke, M., ..., Chodroff, E. , ..., Roettger, T. B. Multidimensional signals and analytic flexibility: Estimating degrees of freedom in human speech analyses. <i>Advances in Methods and Practices in Psychological Sciences</i> . |
| 2023 | Ahn, E. P.*, Levow, G.-A., Wright, R., and Chodroff, E. An outlier analysis of vowel formants in a corpus phonetics pipeline. <i>Proceedings of Interspeech 2023</i> . |

* Asterisks denote student supervisee.

- 2023 Hou, X.*, Zhao, L.*, and **Chodroff, E.** Intermingling tone systems: The relationship of Nanning Mandarin to Nanning Cantonese and Standard Mandarin. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*.
- 2023 Zhao, L.*, Sloggett, S., and **Chodroff, E.** Conditions on adaptation to an unfamiliar lexical tone system: The role of quantity and quality of exposure. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS)*.
- 2022 **Chodroff, E.**, Bradshaw, L.*, and Livesay, V*. Subsegmental representation in child speech production: Structured variability of stop consonant voice onset time in American English and Cantonese. *Journal of Child Language*, 1–29.
- 2022 **Chodroff, E.** and Wilson, C. Uniformity in phonetic realization: Evidence from sibilant place of articulation in American English. *Language*, 98(2).
- 2022 Bradshaw, L.*, **Chodroff, E.**, Jäger, L., and Dellwo, V. Fundamental frequency variability over time in telephone interactions. *Proceedings of Interspeech 2022*.
- 2022 Chernyak, B.R., Ben Simon, T., Segal, Y., Steffman, J., **Chodroff, E.**, Cole, J., and Keshet, J. DeepFry: Identifying vocal fry using deep neural networks. *Proceedings of Interspeech 2022*.
- 2022 Ahn, E. P.* and **Chodroff, E.** VoxCommunis: A corpus for cross-linguistic phonetic analysis. *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC)*.
- 2022 Batsuren, K., Goldman, O., Khalifa, S., Habash, N., ..., **Chodroff, E.**, ..., Tsarfaty, R., Vylomova, E. UniMorph 4.0: Universal morphology. *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC)*.
- 2022 Zhao, L.* and **Chodroff, E.** The ManDi Corpus: A spoken corpus of Mandarin regional dialects. *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC)*.
- 2022 Zhao, L.*, Sloggett, S., and **Chodroff, E.** Top-down and bottom-up processing of familiar and unfamiliar Mandarin dialect tone systems. *Proceedings of Speech Prosody 2022*.
- 2021 Ostrand, R. and **Chodroff, E.** It's alignment all the way down, but not all the way up: Speakers align on some features but not others within a dialogue. *Journal of Phonetics*, 88.
- 2020 **Chodroff, E.** and Wilson, C. Acoustic-phonetic and auditory mechanisms of adaptation in the perception of fricatives. *Attention, Perception, & Psychophysics*, 82(4), 2027–2048.
- 2020 Salesky, E., **Chodroff, E.**, Pimentel, T., Wiesner, M., Cotterell, R., Black, A., and Eisner, J. A large-scale corpus for phonetic typology. *Proceedings of the 58th Annual Meeting for the Association of Computational Linguistics (ACL)*.
- 2020 Williams, A., Pimentel, T., McCarthy, A., Blix, H., **Chodroff, E.**, and Cotterell, R. Predicting declension class from form and meaning. *Proceedings of the 58th Annual Meeting for the Association of Computational Linguistics (ACL)*.

- 2020 Bradshaw, L.*, Hughes, V., and **Chodroff, E.** Investigating the forensic applications of global and local temporal representations of speech for dialect discrimination. *Proceedings of Speech Prosody 2020*.
- 2019 **Chodroff, E.**, Golden, A.*, and Wilson, C. Covariation of stop voice onset time across languages: Evidence for a universal constraint on phonetic realization. *The Journal of the Acoustical Society of America*, 145(1), EL109–EL115.
- 2019 **Chodroff, E.** and Cole, J. Testing the distinctiveness of intonational tunes: Evidence from imitative productions in American English. *Proceedings of Interspeech 2019*.
- 2019 **Chodroff, E.** and Baese-Berk, M. Constraints on variability in the voice onset time of L2 English stop consonants. *Proceedings of the 19th International Congress of Phonetic Sciences (ICPhS)*.
- 2019 **Chodroff, E.** and Cole, J. The phonological and phonetic encoding of information status in American English nuclear accents. *Proceedings of the 19th International Congress of Phonetic Sciences (ICPhS)*.
- 2018 **Chodroff, E.** and Wilson, C. Predictability of stop consonant phonetics across talkers: Between-category and within-category dependencies among cues for place and voice. *Linguistics Vanguard*, 4(s2).
- 2018 **Chodroff, E.** and Cole, J. Information structure, affect, and prenuclear prominence in American English. *Proceedings of Interspeech 2018*, 1849–1852.
- 2017 **Chodroff, E.** and Wilson, C. Structure in talker-specific phonetic realization: Covariation of stop consonant VOT in American English. *Journal of Phonetics*, 61, 30–47.
- 2016 **Chodroff, E.**, Maciejewski, M., Trmal, J., Khudanpur, S., and Godfrey, J. New release of Mixer-6: Improved validity for phonetic study of speaker variation and identification. *Proceedings of the 10th International Conference on Language Resources and Evaluation (LREC)*.
- 2015 **Chodroff, E.**, Godfrey, J., Khudanpur, S., and Wilson, C. Structured variability in acoustic realization: A corpus study of voice onset time in American English stops. *Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS)*.
- 2014 **Chodroff, E.** and Wilson, C. Burst spectrum as a cue for the stop voicing contrast in American English. *The Journal of the Acoustical Society of America*, 136(5), 2762–2772.

BOOK CHAPTERS

- 2023 Muhammad-Gombe, U.*, French, P. and **Chodroff, E.** A comparative analysis of Nigerian linguistically-naïve native speakers and Nigerian linguist native speakers categorising four accents of Nigerian English. In (eds.) Meluzzi, C. & Cenceschi, S., *Forensic Linguistics in a multidisciplinary perspective: from scientific research to legal practice*. Officina Ventuno: Milan.

- 2023 **Chodroff, E.** and Foulkes, P. Sociophonetic variation in stops. In (ed.) Strelluf, C., *The Routledge Handbook of Sociophonetics*.

INVITED PUBLICATIONS

- 2022 Carignan, C., Casillas, J.V., **Chodroff, E.** and Zellou, G. Fuzzy boundaries: Ambiguity in speech production and comprehension. *Frontiers in Communication*.
- 2021 Ambridge, B., Anastasopoulos, A., Anderson, N., Arora, A., Bonami, O., Braginsky, M., Calderone, B., **Chodroff, E.**, ..., Vylomova, E., White, J.C., Williams, A. and Wilson, C. A Pipeline for Generating Plausible Wug Words in Many Languages. *Proceedings of the 18th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*.
- 2021 Pimentel, T., Ryskina, M. Mielke, S., Wu, S., **Chodroff, E.**, ..., Hulden, M., Yarowsky, D., Cotterell, R., Ambridge, B., and Vylomova, E. SIGMORPHON Shared Task on Morphological Reinflection: Generalization Across Languages. *Proceedings of the 18th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*.
- 2020 Vylomova, E., White, J., Salesky, E., Mielke, S.J., ..., **Chodroff, E.**, Cotterell, R., Silfverberg, M., and Hulden, M. SIGMORPHON 2020 Shared Task 0: Typologically Diverse Morphological Inflection. *Proceedings of the 17th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*.

SUBMITTED MANUSCRIPTS

- submitted **Chodroff, E.**, Ahn, E.P.*, and Dolatian, H. Comparing language-specific and cross-language acoustic models for low-resource phonetic forced alignment. Submitted to *Language Documentation and Conservation*.

GRANTS, HONORS, AND AWARDS

- 2023–2028 SNF PRIMA Grant
 Swiss National Science Foundation
 Project: Universals and variation in speech production
 Amount: CHF 1,502,178
- 2022 Nominated for the YUSU Supervisor of the Year Award
 University of York Students' Union (YUSU)
- 2021 University Internal Research Funding
 University of York
 Project: Integrated top-down and bottom-up processing in the perception of Mandarin dialect tone systems
 Amount: GBP 600
- 2020 Shortlisted for the YUSU Teacher of the Year Award
 University of York Students' Union (YUSU), Top 4 in the university

2019	Acoustical Society of America (ASA) Young Investigator Travel Grant Awarded by the Committee on Women in Acoustics to promising young acousticians attending the ASA conference Amount: USD 500
2019	University Research Priming Fund <i>University of York</i> Project: From swallowing to speech to singing: Investigating the vocal tract using electromagnetic articulography and ultrasound PI: George Bailey; Co-Is: Amelia Gully, Eleanor Chodroff, Helena Daffern, Vincent Hughes, Nick Pears Amount: GBP 34,000
2017, 2018	ASA Early Career Travel Subsidy Amount: USD 500
2017	Northwestern University Postdoctoral Professional Development Travel Award Amount: USD 500
2015–2017	Distinguished Science of Learning Fellowship <i>Science of Learning Institute – Johns Hopkins University</i> Project: Large-scale learning of speaker variation Amount: USD 70,000
2016	Dolores Zohrab Liebmann Fund Fellowship Academic fellowship to support excellence in graduate studies Amount: USD 36,000
2014	NSF Graduate Student Fellowship Honorable Mention
INVITED TALKS	
12/2023	A discussion on the corpus phonetics pipeline. Presented at University of Zurich – Linguistics Research Infrastructure (LiRI) Lunchtime Talk. Zurich, Switzerland.
10/2023	Crosslinguistic structure in phonetic realization. Presented at University of Zurich – Department of Comparative Language Science Colloquium. Zurich, Switzerland.
05/2023	Uniformity in phonetic realization within and across languages. Presented at University of Konstanz. Konstanz, Germany.
03/2023	Crosslinguistic structure in phonetic realization. Presented at University of Zurich – Phonetics & Text Technology Colloquium. Zurich, Switzerland.
02/2023	Acoustic model development for forced alignment of low-resource languages. Presented at Technion – Israel Institute of Technology. Haifa, Israel.
01/2023	Crosslinguistic speech analysis. Presented at gong.io. Tel Aviv, Israel.
11/2022	Uniformity in phonetic realization within and across languages. Presented at Lancaster University. Lancaster, UK / Virtual.

- 06/2022 Large-scale structure in phonetic realization. Presented at the *18th Conference of the Association for Laboratory Phonology (LabPhon18)*. Virtual.
- 05/2022 Adapting to variability in speaker voices: Insight from phonetics and automatic speech recognition. Presented at the Languages and Linguistics Student Colloquium Series at York St. John University. York, UK.
- 05/2022 How “Cats”, “cAts”, “CATS”, “cats”, and “**cats**” all mean <cats>: How we adapt to different speaker voices. Presented at CITY College, University of York Europe, first year undergraduate colloquium. Thessaloniki, Greece / Virtual.
- 03/2022 Between maximal structure and maximal bricolage: Identifying constraints on phonetic realization. Presented at the University of Zurich – Phonetics & Speech Sciences Colloquium. Zurich, Switzerland.
- 11/2021 Structure in cross-talker and cross-linguistic phonetic variation. Presented at The Philological Society. York, UK / Virtual.
- 11/2021 Large-scale structure in phonetic realization. Presented at the NLP Seminar Series, University of Sheffield. Sheffield, UK.
- 10/2021 Between maximal bricolage and maximal structure: Identifying constraints on phonetic realization. Presented at the Linguistics and English Language (LEL) Research Seminar Series, University of Manchester. Manchester, UK.
- 08/2021 Acoustic-phonetic and auditory mechanisms in generalized perceptual adaptation. Presented at the Summer Meeting on Talker Variability. Virtual.
- 07/2021 Structure in cross-linguistic phonetic realization. Presented at SIGTYP: Special Interest Group on Linguistic Typology. Virtual.
- 03/2021 Corpus phonetics: Lockdown edition. Presented at the Research in Phonetics / Phonology Group Seminar, University of Texas at Austin. Virtual.
- 12/2020 Acoustic-phonetic and auditory mechanisms in rapid and delayed perceptual learning. Presented at the Colloquium of the Laboratoire de Phonétique et Phonologie, CNRS/Sorbonne Nouvelle Paris. Virtual.
- 10/2019 Variability, structure, and uniformity in phonetic implementation. Presented at the Glasgow University Laboratory of Phonetics (GULP). Glasgow, UK.
- 08/2019 Structure in language. Presented at the University of York – James Madison University Summer School. York, UK.
- 05/2019 Mutual predictability among speech sounds for talker adaptation and recognition. Presented at the *177th Meeting of the Acoustical Society of America*. Louisville, KY.
- 11/2018 Uniformity in phonetic realization within natural classes. Presented at the University of Wisconsin – Milwaukee. Milwaukee, WI.
- 03/2018 Predictability of stop consonant phonetics across talkers of American English. Presented at Purdue University. West Lafayette, IN.

- 03/2018 Structured variation in speech production and perception. Presented at the University of Delaware. Newark, DE.
- 03/2018 How humans and machines adapt to speech: Insight from phonetics and automatic speech recognition. Presented at the University of British Columbia. Vancouver, BC.
- 03/2018 Structured variation in speech production and perception. Presented at the University of British Columbia. Vancouver, BC.
- 11/2017 Structured variation in the production and perception of sibilant fricatives. Presented at the University of Chicago. Chicago, IL.
- 10/2017 Structured variation in the production and perception of sibilant fricatives. Presented at PhonDi at the University of Michigan. Ann Arbor, MI.
- 09/2017 Structured variation in sibilant fricatives: Implications for phonetic theory and generalized perceptual adaptation. Presented at the University of Illinois at Urbana-Champaign. Urbana, IL.
- 02/2017 Uniformity in talker-specific phonetic realization: Evidence from sibilant fricatives in American English and Czech. Presented at the Center for Language Sciences at the University of Rochester. Rochester, NY.
- 02/2017 Uniformity in talker-specific phonetic realization: Evidence from sibilant fricatives in American English and Czech. Presented at the Common Ground Speaker Series at the University of Pennsylvania. Philadelphia, PA.
- 02/2017 Uniformity in talker-specific phonetic realization: Evidence from American English stop consonants. Presented at the Cognitive Brown Bag Series at Villanova University. Villanova, PA.
- 04/2016 Phonetic covariation within natural classes: Implications for linguistic structure and perceptual adaptation. Presented at Haskins Laboratories. New Haven, CT.
- 03/2015 Structured variability in stop consonant realization: A corpus study of voice onset time in American English. Presented at the NYU Phonetics and Experimental Phonology Lab. New York, NY.

SELECTED PRESENTATIONS AND POSTERS

- 2024 **Chodroff, E.** and Zhang, M. A crosslinguistic analysis of intrinsic vowel duration. To be presented at *LabPhon19*. Seoul, Korea.
- 2024 Ahn, E.P.*, Chodroff, E., LaPierre, M., and Levow G.-A. Phonetic granularity effects on forced alignment across Panāra and English. Extended abstract at the *ComputEL-7 Workshop*. Valetta, Malta / Virtual.
- 2023 Bradshaw, L.*, Dellwo, V., and **Chodroff, E.** Exploring the relationship between acoustic-phonetic and perceived voice similarity. Talk at the *31st Annual Conference of the International Association for Forensic Phonetics and Acoustics*. Zurich, Switzerland.

- 2023 Zhao, L.* and **Chodroff, E.** Rapid adaptation to unfamiliar lexical tone systems: The effects of dialect and explicit exposure. Talk at the *5th Phonetics and Phonology in Europe (PaPE) Conference*. Radboud, Netherlands.
- 2022 Stilp, C. and **Chodroff, E.** “Please say what this word is,” in the US and now again in the UK: Dialectal differences in a replication of Ladefoged and Broadbent (1957). Poster at the *183rd Meeting of the Acoustical Society of America*. Nashville, TN.
- 2022 Zhao, L.* and **Chodroff, E.** Rapid adaptation to unfamiliar Mandarin dialect tone systems: Evidence from bottom-up tone processing. Talk at the *Colloquium of the British Association of Academic Phoneticians (BAAP 2022)*. York, UK / Virtual.
- 2021 **Chodroff, E.**, Baumann, S., and Cole, J. Prenuclear accents are not just ornamental: Effects of information structure on prenuclear prominence in American English and German. Talk at the *4th Phonetics and Phonology in Europe (PAPE) Conference*. Barcelona, Spain / Virtual.
- 2021 Li, A.*, French, P., Dellwo, V., and **Chodroff, E.** Analysing the effect of language on speaker-specific speech rhythm in Cantonese-English bilinguals. Talk at the *XVII Convegno Nazionale dell’Associazione Italiana di Scienze della Voce (AISV): Speaker individuality in phonetics and speech sciences: Speech technology and forensic applications*. Zurich, Switzerland / Virtual.
- 2021 Muhammad, U.*, French, P., and **Chodroff, E.** A comparative analysis of Nigerian linguist native speakers and untrained native speakers categorising four accents of Nigerian English. Poster at the *XVII Convegno Nazionale dell’Associazione Italiana di Scienze della Voce (AISV): Speaker individuality in phonetics and speech sciences: Speech technology and forensic applications*. Zurich, Switzerland / Virtual.
- 2020 Zhao, L.*, Harrison, P., Foulkes, P., and **Chodroff, E.** One million km²: Broad coverage of Mandarin Chinese dialects using smartphone technology. Talk at the *2020 Conference of the Australian Linguistic Society (ALS), Workshop on Harnessing mobile technologies for the creation of new speech corpora from remote speech communities*. Virtual.
- 2020 Cole, J. and **Chodroff, E.** Prosodic encoding of information structure in nuclear and prenuclear positions in American English. Poster at the *179th Meeting of the Acoustical Society of America*. Virtual.
- 2019 Faytak, M. and **Chodroff, E.** Uniformity in phonetic structure. Talk at the *19th International Congress of Phonetic Sciences*. Melbourne, Australia.
- 2019 **Chodroff, E.** and Cole, J. Relative influences of information structure and utterance-final position on the prosodic implementation of nuclear pitch accents. Poster at the *177th Meeting of the Acoustical Society of America*. Louisville, KY.
- 2019 **Chodroff, E.** and Wilson, C. Mutual predictability among speech sounds for talker adaptation and recognition. Invited talk at the *177th Meeting of the Acoustical Society of America*. Louisville, KY.
- 2019 **Chodroff, E.**, Arthurs, A.*, Kurian, P.*, Pazol, J.*, and Cole, J. Categorical and gradient effects of information structure on nuclear prominence in American English. Talk at the *93rd Annual Meeting of the Linguistic Society of America*. New York, NY.

- 2018 **Chodroff, E.** and Baese-Berk, M. Parallel adjustments of phonetic targets in L2 English voice onset time. Poster at the *176th Meeting of the Acoustical Society of America*. Victoria, BC.
- 2018 **Chodroff, E.**, Arthurs, A.*, Kurian, P.*, Pazol, J.*, and Cole, J. Categorical and gradient effects of information structure on nuclear prominence in American English. Poster at the *23rd Annual MidPhon Conference*. Evanston, IL.
- 2018 **Chodroff, E.** Target and contrast uniformity in the phonetic realization of Czech sibilants. Poster at the *16th Conference on Laboratory Phonology*. Lisbon, Portugal.
- 2018 **Chodroff, E.**, Golden, A.*, and Wilson, C. Covariation of voice onset time: A universal aspect of phonetic realization. Talk at the *92nd Annual Meeting of the Linguistic Society of America*. Salt Lake City, UT.
- 2017 **Chodroff, E.** and Wilson, C. Delayed effects of speech and non-speech stimuli on sibilant categorization. Poster at the *174th Meeting of the Acoustical Society of America*. New Orleans, LA.
- 2017 Wilson, C. and **Chodroff, E.** Uniformity of inherent vowel duration across speakers of American English. Poster at the *174th Meeting of the Acoustical Society of America*. New Orleans, LA.
- 2017 **Chodroff, E.** and Wilson, C. Structured variation in the phonetics of English and Czech sibilant fricatives. Talk at the *91st Annual Meeting of the Linguistic Society of America*. Austin, TX.
- 2016 **Chodroff, E.** and Wilson, C. Auditory and acoustic-phonetic mechanisms of adaptation in the perception of sibilant fricatives. Poster at the *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*. Honolulu, HI.
- 2016 Wilson, C., **Chodroff, E.**, and Nielsen, K. Generalization in VOT imitation: Feature adaptation or acoustic-phonetic covariation? Poster at the *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*. Honolulu, HI.
- 2016 **Chodroff, E.**, Golden, A.*, and Wilson, C. An empirical and computational study of generalized adaptation to natural talker-specific VOT. Poster at the *15th Conference on Laboratory Phonology*. Ithaca, NY.
- 2016 **Chodroff, E.** and Wilson, C. Covariation of stop consonant acoustics: Corpus evidence and implications for talker adaptation. Talk at the *90th Annual Meeting of the Linguistic Society of America*. Washington, D.C.
- 2015 **Chodroff, E.**, Godfrey, J., Khudanpur, S., and Wilson, C. Structured variability in acoustic realization: A corpus study of voice onset time in American English stops. Talk at the *18th International Congress of Phonetic Sciences*. Glasgow, United Kingdom.
- 2015 **Chodroff, E.** and Wilson, C. Talker variation and systematicity in voice onset time: a corpus study. Poster at the *169th Meeting of the Acoustical Society of America*. Pittsburgh, PA.

- 2015 Wilson, C. and **Chodroff, E.** Weighting perceptual cues to stop voice by modeling talker differences. Talk at the *89th Annual Meeting of the Linguistic Society of America*. Portland, OR.
- 2014 **Chodroff, E.** and Wilson, C. Phonetic vs. phonological factors in coronal-to-dorsal perceptual assimilation. Talk at the *14th Conference on Laboratory Phonology*. Tokyo, Japan.
- 2014 **Chodroff, E.**, Arnette, A.*, Ilango, S.*, and Wilson, C. An acoustic-phonetic account of phonotactic perceptual assimilation. Poster at the *167th Meeting of the Acoustical Society of America*. Providence, RI.
- 2014 **Chodroff, E.** and Wilson, C. Burst spectrum as a cue to stop consonant voicing: English production and perception results. Talk at the *88th Annual Meeting of the Linguistic Society of America*. Minneapolis, MN.

TEACHING

Teaching at University of Zurich

Introduction to Automatic Speech Processing (BA/MA, 2023, 2024)
Crosslinguistic Corpus Phonetics (BA/MA, 2023)

Teaching at University of York

Advanced Phonetics (MA/MSc, 2021)
Advanced Phonology (MA/MSc, 2019–2021)
Directed Readings in Phonetics and Phonology (MA/MSc, 2021)
Intermediate Phonetics and Phonology (BA, 2020–2022)
Quantitative Methods (MA/MSc, 2020–2022)

Invited Teaching and Tutorials

- 2024 Summer School on Language Science and Technology | University of Warsaw
Three lectures on forced alignment, Praat, and Praat scripting
- 2024 Advanced Core Training in Linguistics (ACTL) | University of York
Summer school with five lectures on phonetics and phonology
- 2023, 2024 Introduction to Speech Corpora | University of Zurich
Guest lecture in Creation and Annotation of Linguistic Corpora
- 2023 Introduction to Speech Sciences and Technology | University of Zurich
Guest lecture in Introduction to Computational Linguistics I
- 2023 Introduction to R and RStudio | Linguistics Methods Fest | University of Salzburg
Six-hour workshop
- 2023 Introduction to AutoVOT | Linguistics Methods Fest | University of Salzburg
Three-hour workshop
- 2023 Introduction to Praat Scripting for Corpus Phonetics and Phonology | (Un)Laboratory Phonology | Virtual
Three-hour workshop hosted by the Association for Laboratory Phonology
- 2021 Forced Alignment Tutorial | Rutgers University

	Three-hour workshop
2020	Introductory Bayesian Methods (Using brms in R) Glasgow University Laboratory of Phonetics (GULP) Three-hour workshop with Clara Cohen and David Howcroft
2019	Montreal Forced Aligner Tutorial Glasgow University Laboratory of Phonetics (GULP) Two-hour workshop
2019	Corpus Phonetics Tutorial Newcastle University Two-day workshop on forced alignment, AutoVOT, and acoustic analysis
Other Tutorials	
2022	Introductory Bayesian Methods (Using brms in R) Colloquium of the British Association of Academic Phoneticians (BAAP 2022) Two-hour workshop with Clara Cohen
2020—	Montreal Forced Aligner Tutorial University of York – Research Methods Seminar Two-hour workshop for postgraduate students
2019—	Praat Scripting Tutorials University of York – Research Methods Seminar Three two-hour workshops for postgraduate students
2019—	Intro to Mixed-Effects Linear and Logistic Modeling University of York – Research Methods Seminar Two-hour workshop for postgraduate students
2018	Praat Scripting Tutorial Northwestern Linguistics Three two-hour workshops
2017	Forced Alignment with FAVE and the Montreal Forced Aligner NU Phonatics One-hour workshop
Training	
2020	Introduction to Bayesian Data Analysis Summer School on Statistical Methods in Linguistics and Psychology led by Professor Shravan Vasishth
2018	Software and Data Carpentry Instructor Certification Training in how to teach coding in R, Python, Unix, and Git
PROFESSIONAL SERVICE	
2024	Co-organizer CorpusPhon Workshop at LabPhon19 Seoul, Korea
2024	Co-organizer 21 st SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology at NAACL 2024 Mexico City, Mexico
2024	Senior Area Chair for Phonology, Morphology, and Word Segmentation 2024 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2024)

2023	Panel Member ISCA Student Advisory Committee Students Meet Experts Event at Interspeech Dublin, Ireland
2023	Mentor Young Female Researchers in Speech Workshop at Interspeech Dublin, Ireland
2023	Co-organizer 20 th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology at ACL Toronto, Canada
2023	Area Chair for Phonology, Morphology, and Word Segmentation The 17 th Conference of the European Chapter for the Association for Computational Linguistics (EACL 2023)
2021—	Executive Committee – Member at Large SIGMORPHON: Special Interest Group on Phonetics, Phonology, and Morphology
2022	Co-organizer 19 th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology at NAACL Seattle, WA
2022	Panel Member for Early Career Research Colloquium of the British Association of Academic Phoneticians (BAAP 2022) Virtual
2021–2022	Co-organizer Architectures and Mechanisms for Language Processing (AMLaP) 2022
2021–2022	Topic Editor Research Topic in Frontiers in Communication on “Fuzzy Boundaries: Ambiguity in Speech Production and Comprehension” <i>With Christopher Carignan, Georgia Zellou, and Joseph Casillas</i>
2020–2022	External Examiner for the BA Linguistics Programme UCL
2019, 2021	Co-organizer BAAP 2020 (cancelled), 2022 (Virtual)
2021	Co-host and Co-organizer SIGTYP Online Lecture Series
2021	Co-organizer SIGTYP 2021 Workshop NAACL 2021 Virtual
2021	Co-organizer Shared task for SIGMORPHON 2021 on Generalization in Morphological Inflection Generation
2020	Co-organizer Shared task for SIGMORPHON 2020 on typologically diverse low-resource morphological inflection
2019	Co-organizer Special session with Matthew Faytak on “Articulatory and acoustic uniformity in phonetic structure” at the International Congress on Phonetic Sciences 2019 Melbourne, Australia

Service at the University of York. MA Phonetics & Phonology Program Leader (2019–2022), Stats Consultant (2019–2022), Open Day mini-lectures on “Structure in Language” (2019–2021), Department Research Committee (2021–2022), PhD Progression Panel (2021–2022), Appointment Committee for Associate Lecturer in Phonetics and Phonology (2021), Planning Online Teaching (PLOT) Working Group (2020–2021)

Journal reviewing

2024	<i>Journal of Experimental Psychology; Journal of Phonetics</i>
2023	<i>The Journal of the Acoustical Society of America; Journal of Phonetics; Journal of Child Language</i>
2022	<i>Attention, Perception, and Psycholinguistics; Glossa Psycholinguistics; The Journal of the Acoustical Society of America; Journal of Child Language; Journal of Speech, Language, and Hearing Research; Language and Speech; Languages</i>
2021	<i>Frontiers in Artificial Intelligence; Journal of the International Phonetic Association; Journal of Phonetics; Laboratory Phonology; Language and Speech</i>
2020	<i>Cognition; The Journal of the Acoustical Society of America; Journal of the International Phonetic Association; Journal of Phonetics; Journal of Speech, Language, and Hearing Research; Linguistics Vanguard</i>
2019	<i>Journal of the International Phonetic Association; Journal of Speech, Language, and Hearing Research; The Journal of the Acoustical Society of America; Journal of Phonetics; Linguistics Vanguard; Language & Speech; Memory & Cognition</i>
2018	<i>The Journal of the Acoustical Society of America; Journal of Phonetics; Language & Speech; Memory & Cognition; Language, Cognition, and Neuroscience</i>
2017	<i>Journal of Phonetics; Linguistics Vanguard; Memory & Cognition</i>

Grant reviewing

National Sciences and Engineering Research Council of Canada (NSERC) – Biological Systems and Functions, UK Economic and Social Research Council (ESRC), US National Science Foundation (NSF) – Linguistics, US NSF – Perception, Action, & Cognition

Conference reviewing

2024	<i>Interspeech, CorpusPhon Workshop, LabPhon, LREC–COLING</i>
2023	<i>ICASSP, ICPhS, Interspeech, Young Female Researchers in Speech Workshop</i>
2022	<i>BAAP, ICASSP, Interspeech, LabPhon, LREC, Speech Prosody</i>
2021	<i>Association for Computational Linguistics Rolling Review (ARR), International Conference on Acoustics, Speech, & Signal Processing (ICASSP), Interspeech, SIGTYP</i>
2020	<i>Interspeech, LabPhon, LREC, ACL Special Interest Group on Typology (SIGTYP), Speech Prosody</i>
2019	<i>British Association of Academic Phoneticians (BAAP), CogSci, International Congress of Phonetic Sciences (ICPhS), Interspeech</i>
2018	<i>CogSci, Interspeech, Linguistics Society of America, LREC</i>
2017	<i>CogSci</i>
2016	<i>Language Resources and Evaluation Conference (LREC)</i>

STUDENT SUPERVISION

PhD students

2023—	Annie Baker. SNF PhD student, primary supervision. University of Zurich.
2021—	Xinzi Hou. Tonal and intonational relationships between Nanning Mandarin and local language varieties. PhD student, primary supervision. University of York.
2021—	Emily P. Ahn. Computational approaches to phonetic typology. PhD student, secondary supervision with Prof Gina-Anne Levow. University of Washington.

2021—	Leah Bradshaw. Phonetic and perceptual analyses of talker variability and identification. PhD student, secondary supervision with Prof Volker Dellwo. University of Zurich.
2019–2023	Liang Zhao. Production and perception of Mandarin dialect tone systems. PhD student, primary supervision. University of York.
2020–2022	Umar Muhammad-Gombe. A comparative analysis of L2 English from Nigerian speakers of Hausa, Igbo, Kanuri, and Yoruba for the determination of speaker origin. PhD student, secondary supervision with Prof Peter French. University of York.
MA/MSc students: Dissertations and theses	
2024	Haonan Chen. A comparative study of ASR and human performance in transcribing whispered Mandarin speech. UZH.
2024	Linyu Zhang. Evaluating text-to-speech: Speech rhythm in human voice and text-to-speech. UZH.
2024	Xiyang Li. Vowel retuning and adaptation: The impact of f0 manipulations on speech perception. UZH.
2024	Jiachen Ma. Intrinsic f0 and gemination in L2 Arabic speech production. UZH.
2024	Bogdan Pricop. Massively multilingual speech corpora as a resource for investigating phonetic universals: Cross-linguistic intonation patterns in statements and questions. UZH.
2022	Pleng Chukaew. Perceptual acquisition of Korean fortition by native Thai learners. MA in Phonetics and Phonology. UoY LLS.
2021	Shiguang Sean Hu. An assessment of vowel reduction contributing to speech intelligibility of Hong Kong-accented English. MA in Linguistics. UoY LLS.
2021	Jack Lucas. An evaluation of the dual-nasal hypothesis: Gradient phonotactic acceptability of high-sonority nasals in novel words by English L1 speakers. MA in Phonetics and Phonology. UoY LLS.
2021	Jason Xu. The vowel system of Keshigten Mongolian. MA in Phonetics and Phonology. UoY LLS.
2020	Sophie Bennett. Constraints versus whole words: A comparative analysis of early word forms in Spanish. MA in Phonetics and Phonology, co-supervised with Prof Marilyn Vihman. UoY LLS.
2020	Elisabeth Delva. An acoustic and perceptual analysis of the compensation strategies used in perturbed articulations of labiodental fricatives. MA in Psycholinguistics. UoY LLS.
2020	Adas Li. Analysing the effect of language and rhythm among Cantonese-English bilinguals. MSc in Forensic Speech Science, co-supervised with Prof Peter French. UoY LLS.

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| 2020 | Anicka Wilcox. Accent-based prejudices in the American criminal justice system: Influences of accent and dialect on perception of guilt and innocence for criminal suspects. MSc in Forensic Speech Science. UoY LLS. |
| 2019 | Sonia Nafría Anciso. Information structure in second language intonation: the acoustic correlates of information status in the speech of L1 Spanish speakers of L2 English in immersion and non-immersion contexts. MA in Phonetics and Phonology. UoY LLS. |
| 2019 | Leah Bradshaw. Investigating the forensic applications of using Rhythm Metrics for cross-dialectal discrimination. MSc in Forensic Speech Science, co-supervised with Dr Vincent Hughes. UoY LLS. |

Short-term projects

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| 2024 | Ruben Mögel. Enhancing the crosslinguistic corpus phonetics pipeline. MA semester project at UZH. |
| 2024 | Micha David Hess. Voice cloning and text-to-speech synthesis. BA semester project at UZH. |
| 2023 | Chloe Patman. The impact of different face coverings on language processing. Visiting PhD student from Cambridge University. Funded by Language in the Human-Machine Era (LITHME) – Short-term Scientific Mission Grant. UZH. |
| 2023 | Blaž Pažon. Summer research assistantship funded by ETH Zurich. Visiting MA student from University of Ljubljana. UZH. |
| 2020–2021 | Catherine Brislane. Undergraduate research experience supported by the Laidlaw Fellowship, co-supervised with Dr George Bailey. UoY LLS. |
| 2020 | Vivian Livesay. Remote undergraduate research assistantship funded by Mount Holyoke College. UoY. |

Postdoctoral researchers

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| 2023— | Miao Zhang. SNF Postdoctoral Researcher on Universals and Variation in Speech Production. UZH. |
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External thesis examiner. Lena-Marie Huttner (2024, Aix-Marseille Université), Ida-Lotta Myllylä (2024, University of Helsinki), Emily P. Ahn (2024, University of Washington), Liis Ermus (2024, University of Tartu)

PhD thesis examiner at Univ. of Zurich. Carolina Lins Machado (2024)

PhD thesis chair at Univ. of Zurich. Franke Zebe (2024), Chantal Amrhein (2023)

PhD thesis examiner at Univ. of York. Latifa Alkuwaiz (2022), Justin Jing Hoi Lo (2021), Sarvenaz Moradi (2021), Shanshan Lou (2021), Sarah Tasker (2020)

PhD advisory panel member at Univ. of York. Areej Alenazi (2020–2022), Mahmoud Alsabhi (2020–2022), Lauren Harrington (2020–2022), Sascha Schäfer (2020–2022), Latifa Alkuwaiz (2019–2021), Margherita Belia (2019–2022), Fani Karageorgou (2019–2022), Jiajia Xi (2022)