



Chelsea Sanker  
Department of Linguistics  
Yale University  
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## EDUCATION

**2016 Ph.D. in Linguistics**, Cornell University

- **Dissertation:** *Patterns of Misperception of Arabic Guttural and Non-guttural Consonants*
- **Committee:** Michael Weiss (chair), Abby Cohn, Alan Nussbaum, Sam Tilsen

**2009 B.A. in Linguistics**, University of California at Berkeley

High Distinction in General Scholarship

Honors Thesis: “Word Order in Latin Adpositional Phrases”

Minor in Anthropology

## PROFESSIONAL POSITIONS

**2019-** Lecturer, Yale University

**2016-2019** Visiting Professor, Brown University

**2015-2016** Visiting Professor, Rutgers University

## PUBLICATIONS

### REFEREED JOURNAL ARTICLES

**forthcoming** Sanker, C. A perceptual pathway for voicing-conditioned vowel duration. *Laboratory Phonology*.

**2020** \*Cohen Priva, U. and \*Sanker, C. Natural Leaders: Some interlocutors elicit greater convergence across conversations and across characteristics. *Cognitive Science* 44(10). Art. e12897.

**2019** \*Cohen Priva, U. and \*Sanker, C. Limitations of difference-in-difference for measuring convergence. *Laboratory Phonology* 10(1). Art. 15.

**2019** Repetti-Ludlow, C., Zhang, H., Lucitante, H., AnderBois, S., and Sanker, C. A'ingae (Cofán). *Journal of the International Phonetic Association: Illustrations of the IPA*. FirstView doi:10.1017/S0025100319000082

**2019** Sanker, C. Influence of coda stop features on perceived vowel duration. *Journal of Phonetics* 75. 43-56.

- 2019** Sanker, C. Effects of lexical ambiguity, frequency, and acoustic details in auditory perception. *Attention, Perception, & Psychophysics* 81. 323-343.
- 2018** Sanker, C. Hurrian meter and phonology in the Boğazköy Parables. *Journal of the American Oriental Society* 138(2). 227-253.
- 2018** Sanker, C. A survey of experimental evidence for diachronic change. *Linguistics Vanguard* 4(1). Art. 20170039.

#### CONFERENCE PROCEEDINGS AND OTHERS

- 2020** Sanker, C. Lexical ambiguity and acoustic distance in discrimination *Proceedings of the Linguistic Society of America* 5, 431-445. Ed. P. Farrell.
- 2019** Sanker, C. Effects of coda voicing on vowel phonation. *Proceedings of the 19th International Congress of Phonetic Sciences, Melbourne, Australia 2019*, 3323-3327. Eds. S. Calhoun, P. Escudero, M. Tabain, and P. Warren.
- 2018** Sanker, C. Effects of laryngeal features on vowel duration: Implications for Winter's Law. *Papers in Historical Phonology* 3, 180-205.
- 2018** \*Cohen Priva, U. and \*Sanker, C. Distinct behaviors in convergence across measures. *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*, 1515-1520.
- 2018** Yang, S., Sanker, C., and Cohen Priva, U. The organization of lexicons: A cross-linguistic analysis of monosyllabic words. *Proceedings of the Society for Computation in Linguistics*, 164-173.
- 2016** Sanker, C. Phonetic features of the PIE "laryngeals": Evidence from misperception data of modern postvelars. *Proceedings of the 27th UCLA Indo-European Conference*, 163-181. Eds. D. Goldstein, S. Jamison, and B. Vine.
- 2015** Sanker, C. Comparison of phonetic convergence in multiple measures. *Cornell Working Papers in Phonetics and Phonology*, 60-75.
- 2015** Sanker, C. Patterns of misperception of Arabic consonants. *Proceedings of the Forty-First Annual Meeting of the Berkeley Linguistics Society, February 7-8, 2015*, 447-471.
- 2012** Tilsen, S., Zec, D., Bjarndahl, C., Butler, B., L'Esperance, M., Fisher, A., Heimisdottir, L., Renwick, M., and Sanker, C. A Cross-linguistic investigation of articulatory coordination in word-initial consonant clusters. *Cornell Working Papers in Phonetics and Phonology*, 51-81.

\* = equal contribution

#### INVITED PRESENTATIONS

- 2020** *Dimensions of convergence*, Invited talk at the NYU Phonetics & Experimental Phonology Lab.
- 2020** *Dimensions of convergence*, Linguistics Department Colloquium, Yale University.

2017 *Effects of homophones and syllable structure in lexical processing*, Invited talk at the UConn Phonology Group.

## CONFERENCE PRESENTATIONS

- upcoming** Sanker, C. *Homophone discrimination based on speaker-specific learning* (Meeting of the Linguistic Society of America, Virtual, January 2021)
- upcoming** Sanker, C. *Vowel systems in convergence* (International Seminar on Speech Production, Providence, Rhode Island, December 2020)
- 2020 Sanker, C. *Convergence doesn't show lexically-specific phonetic detail* (Annual Meeting on Phonology, Santa Cruz, California, September 2020) [poster presentation]
- 2020 Sanker, C. and Karlin, R. *Perceptual evidence for the representation of English coda voicing* (Meeting of the Linguistic Society of America, New Orleans, Louisiana, January 2020)
- 2020 Sanker, C. *Lexical ambiguity and acoustic distance in discrimination* (Meeting of the Linguistic Society of America, New Orleans, Louisiana, January 2020) [poster presentation]
- 2019 Sanker, C. *Behavior of homophones does not support irregular phonological change* (Meaning in Flux, New Haven, Connecticut, October 2019)
- 2019 AnderBois, S., Emlen, N., Lucitante, H., Sanker, C., and Silva, W. *Investigating Linguistic Links between the Amazon and the Andes: The case of A'ingae* (Conference on Indigenous Languages of Latin America IX (CILLA), Austin, Texas, October 2019)
- 2019 Sanker, C. *Effects of coda voicing on vowel phonation* (International Congress of Phonetic Sciences, Melbourne, Australia, August 2019) [poster presentation]
- 2019 Sanker, C. *Effects of coda laryngeal features and stimulus language on perceived vowel duration* (Phonetics and Phonology in Europe, Lecce, Italy, June 2019)
- 2019 Zhang, H. and Sanker, C. *Phonetic Convergence in Mandarin* (Phonetics and Phonology in Europe, Lecce, Italy, June 2019) [poster presentation]
- 2019 Sanker, C. *Perceptual cues to coda voicing contrasts* (Manchester Phonology Meeting, May 2019) [poster presentation]
- 2019 AnderBois, S. and Sanker, C. *Reconstruction of A'ingae prenasalized stops* (Third Symposium on Amazonian Languages, Berkeley, CA, March 2019)
- 2019 Sanker, C. *F0 effects on perceived vowel duration* (Meeting of the Linguistic Society of America, New York City, NY, January 2019) [poster presentation]
- 2018 Cohen Priva, U. and Sanker, C. *Convergence is predicted by particular interlocutors and interactions, not speakers* (Workshop on Accommodation in Speech Communication, Zurich, Switzerland, December 2018)
- 2018 Sanker, C., Silva, W., Lucitante, H., and AnderBois, S. *Falsetto in A'ingae (Cofán)* (3rd Sound Systems of Latin America, Amherst, Massachusetts, October 2018)

- 2018** Sanker, C. *Effects of following voicing on perceived vowel duration* (Annual Meeting on Phonology, San Diego, California, October 2018) [poster presentation]
- 2018** Cohen Priva, U. and Sanker, C. *Distinct behaviors in convergence across measures* (Annual Meeting of the Cognitive Science Society, Madison, Wisconsin, July 2018) [poster presentation]
- 2018** Sanker, C. *Characterizing contrasts: Features vs. acoustic distance* (Manchester Phonology Meeting, May 2018) [poster presentation]
- 2018** Sanker, C. *Shared innovations and independent developments: Issues in placing Egyptian* (Rethinking the origins: The departure of ancient Egyptian as a branch from the Afroasiatic family, Egyptology and Assyriology Workshop, Providence, RI, April 2018)
- 2018** Sanker, C. *Homophones, lexical retrieval, and sensitivity to detail* (Meeting of the Linguistic Society of America, Salt Lake City, Utah, January 2018)
- 2018** Yang, S., Sanker, C., and Cohen Priva, U. *The organization of lexicons: A cross-linguistic analysis of monosyllabic words* (Society for Computation in Linguistics, Salt Lake City, Utah, January 2018) [poster presentation]
- 2017** Sanker, C. *Effects of stop laryngeal features on duration of preceding vowels: Implications for Winter's Law* (Symposium on Historical Phonology, Edinburgh, Scotland, November-December 2017, Satellite Workshop: LaryngFringe)
- 2017** Zhang, H., Gutman, R., Lucitante, H., Repetti-Ludlow, C., AnderBois, S., and Sanker, C. *A phonetic sketch of A'ingae (Cofán)* (Conference on Indigenous Languages of Latin America VIII (CILLA), Austin, Texas, October 2017)
- 2017** Sanker, C. *Experimental evidence for diachronic change* (International Conference on Historical Linguistics, San Antonio, Texas, July-August 2017)
- 2017** Sanker, C. *Lexical retrieval and effects of homophones* (Phonetics and Phonology in Europe, Cologne, Germany, June 2017) [poster presentation]
- 2017** Sanker, C. *Linking phonetic convergence and sound change* (International Workshop on Sound Change, Edinburgh, Scotland, April 2017)
- 2017** Sanker, C. *Effects of homophones and syllable structure in lexical processing* (Invited talk, University of Connecticut, April 2017)
- 2016** Sanker, C. *When phonology is algebra: Solving problems with interacting processes* (North American Phonology Conference, Montreal, Canada, May 2016, Pedagogy Workshop)
- 2016** Sanker, C. *Individual tendencies for phonetic convergence* (North American Phonology Conference, Montreal, Canada, May 2016) [poster presentation]
- 2016** Sanker, C. *An analysis of semitic uvular-pharyngeal correspondences: Inter-dialectal borrowing in Akkadian* (American Oriental Society, Boston, MA, March 2016)

- 2016** Sanker, C. *Patterns of heritage speakers' perception of Arabic consonants* (Old World Conference in Phonology, Budapest, Hungary, January 2016)
- 2015** Sanker, C. *Phonetic features of the PIE "laryngeals": Evidence from misperception data of modern gutturals* (UCLA Indo-European Conference, Los Angeles, California, October 2015)
- 2015** Sanker, C. *Phonetic Convergence in Multiple Features* (Meeting of the Acoustical Society of America, Pittsburgh, Pennsylvania, May 2015) [poster presentation]
- 2015** Sanker, C. *Patterns of misperception of Arabic consonants* (Berkeley Linguistics Society, Berkeley, CA, February 2015)
- 2014** Sanker, C. *Patterns of misperception of Arabic consonants* (Mellon Humanities Corridor Workshop in Theoretical and Experimental Linguistics, Syracuse, NY, December 2014)
- 2014** Sanker, C. *Hurrian meter in the Boğazköy Parables* (American Oriental Society, Phoenix, AZ, March 2014)

## TEACHING EXPERIENCE

### YALE UNIVERSITY

- **Instructor**, Language Contact in the Ancient World (LING 103/503). Fall 2020
- **Instructor**, Quantitative Linguistics (LING 234/634). Fall 2019 & Fall 2020
- **Instructor**, Historical Linguistics (LING 112/512). Spring 2020
- **Instructor**, Field Methods (LING 241/641). Spring 2020
- **Instructor**, Indo-European Linguistics (LING 113/513; NELC 354; CLSS 407). Fall 2019

### BROWN UNIVERSITY

- **Instructor**, Introduction to Phonological Theory (CLPS 1310). Fall 2016 & Spring 2018
- **Instructor**, Historical Linguistics (CLPS 1365). Spring 2017, Spring 2018, & Spring 2019
- **Instructor**, Laboratory in Phonetics (CLPS 1380). Fall 2017 & Fall 2018
- **Instructor**, Topics in Phonetics and Phonology: Laboratory Phonology (CLPS 1381). Spring 2017
- **Instructor**, Topics in Phonetics and Phonology: Psycholinguistics of Phonetic Perception (CLPS 1381). Spring 2019

### RUTGERS UNIVERSITY

- **Instructor**, Phonology II (LING 521). Spring 2016
- **Instructor**, Phonology (LING 315). Fall 2015 & Spring 2016
- **Instructor**, Phonology III (LING 522). Fall 2015

## CORNELL UNIVERSITY

- **Instructor**, First-year Writing Seminar, Biological Foundations of Language (LING 1100). Fall 2013 & Spring 2014
- **Teaching Assistant**, Introduction to Historical Linguistics (Linguistics 3314). Fall 2011 & Spring 2013 (Instructor: Michael Weiss)
- **Teaching Assistant**, Introduction to Linguistics (Linguistics 1101). Fall 2012 (Instructor: Wayne Harbert)
- **Teaching Assistant**, English Words: Histories & Mysteries (Linguistics 1109). Spring 2012 (Instructor: Alan Nussbaum)

## AWARDS, FELLOWSHIPS, and GRANTS

2015 Cornell Graduate School Conference Travel Grant

2014-2015 Sage Fellowship

2014 Cornell Graduate School Conference Travel Grant

2010-2011 Sage Fellowship

2009 Departmental Citation for Distinguished Undergraduate Work

2005-2009 Regents' and Chancellor's Scholarship

2005-2009 National Merit Scholarship

## ADVISING

2017-2018 **Haoru Zhang**, Master's thesis advisor, Brown University.

2017-2018 **Yiming Gu**, Master's thesis advisor, Brown University.

2015-2016 **Shu-hao Shih**, Qualifying paper advisor, Rutgers University.

## SERVICE

- **Reviewer (journal)** *Indo-European Linguistics, Journal of East Asian Linguistics, Journal of Germanic Linguistics, Journal of Linguistics, Journal of Phonetics, Language and Speech, Language Dynamics and Change, Linguistic Analysis, Speech Communication*
- **Reviewer (conference)** *European Chapter of the Association for Computational Linguistics, Linguistic Society of America*
- **Cornell Linguistics Circle President** 2013-2014
- **Graduate and Professional Student Assembly Representative** 2011-2012
- **Cornell Linguistics Circle Colloquium Caterer** 2010-2011

## LANGUAGES

- **Native:** English
- **Reading Knowledge:** French, German
- **Primary Research Languages:** English, Latin, Classical Greek, Sanskrit, Akkadian, Arabic, Hindi, A'ingae