

Eric Wilbanks

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Research Areas

acoustic and articulatory phonetics; sociolinguistics; laboratory phonology; psycholinguistics; quantitative and computational methods; Spanish linguistics;

Education

2016 - Present	University of California, Berkeley Ph.D. candidate, Linguistics Dissertation Committee: Keith Johnson (chair), Justin Davidson, Sharon Inkelas, Terry Regier
2014 - 2016	North Carolina State University M.A., English - Linguistics Capstone Title: Social and Structural Constraints on a Phonetically-Motivated Change in Progress: (str) Retraction in Raleigh, NC Capstone Advisor: Dr. Jeff Mielke
Summer 2015	LSA Linguistic Institute University of Chicago
2010-2014	North Carolina State University Valedictorian & Summa Cum Laude B.A., Spanish Language and Lit. Minor, Linguistics

Publications

Peer Reviewed

2020	Ronquest, Rebecca; Jim Michnowicz; Eric Wilbanks ; and Claudia Cortés. Examining the (mini-) variable swarm in the Spanish of the Southeast. <i>Hispanic Linguistics: Current issues and new directions</i> , ed. by Alfonso Morales-Front, Michael J. Ferreira, Ronald P. Leow, and Cristina Sanz, 304-325. DOI: https://doi.org/10.1075/ih11.26.15ron .
2019	Smith, Bridget J.; Jeff Mielke; Lyra Magloughlin; and Eric Wilbanks . Sound change and coarticulatory variability involving English /ɪ/. <i>Glossa: a journal of general linguistics</i> . 4.1.63 1-51. DOI: https://doi.org/10.5334/gjgl.650 .

Conference Proceedings

- 2019 **Wilbanks, Eric.** Modeling the influence of confidence in social cues during speech perception using Gaussian mixture models. *Proceedings of the 19th International Congress on the Phonetic Sciences, Melbourne, Australia 2019*, ed. by Sasha Calhoun, Paula Escudero, Marija Tabain, and Paul Warren, 1034-1038. Canberra, Australia: Australasian Speech Science and Technology Association Inc. https://assta.org/proceedings/ICPhS2019/papers/ICPhS_1083.pdf.
- 2018 Inkelas, Sharon, and **Eric Wilbanks.** Directionality effects via distance-based penalty scaling. *Proceedings of the 2017 Annual Meeting on Phonology*, ed. by Gillian Gallagher, Maria Gouskova, and Sora Yin. Washington, DC: Linguistics Society of America. <https://journals.linguisticsociety.org/proceedings/index.php/amphonology/article/view/4256>.
- 2017 **Wilbanks, Eric.** Social and Structural Constraints on a Phonetically-Motivated Change in Progress: (str) Retraction in Raleigh, NC. *Penn Working Papers in Linguistics* 23.1.33. <https://repository.upenn.edu/pwpl/vol23/iss1/33>.

Edited Volumes, Chapters, and Reviews

- 2019 Garvin, Karee; Noah Hermalin; Myriam Lapierre; Yevgeniy Melguy; Tessa Scott; and **Eric Wilbanks.** Proceedings of the 44th Annual Meeting of the Berkeley Linguistics Society (BLS 44). Berkeley, CA: Berkeley Linguistics Society.
- 2018 **Wilbanks, Eric.** Variationist Research in the South: Current Perspectives and Future Directions. *Language Variety in the New South: Contemporary perspectives on change and variation*, ed. by Jeffrey Reaser, Eric Wilbanks, Karissa Wojcik, and Walt Wolfram, 397-415. Chapel Hill, NC: The University of North Carolina Press.
- 2018 Reaser, Jeffrey; **Eric Wilbanks**; Karissa Wojcik; and Walt Wolfram (eds.). *Language Variety in the New South: Contemporary perspectives on change and variation*. Chapel Hill, NC: The University of North Carolina Press. https://www.jstor.org/stable/10.5149/9781469638829_reaser.
- 2016 **Wilbanks, Eric**, and Brooke Wallig. The Past, Present, and Future of Variationist Sociolinguistics. Review of *Making Waves: The Story of Variationist Sociolinguistics* by Sali Tagliamonte. *American Speech* 91.4 517-531.

Grants Awarded

- 2021 National Science Foundation Doctoral Dissertation Improvement Grant, *On-line integration of Social and Linguistic Cues during Speech Perception*, with Keith Johnson, \$8,120

Selected Presentations

January 2022	Wilbanks, Eric. 2022. Investigating selective adaptation to socially-induced percepts. Linguistics Society of America Annual Meeting. Washington, D.C. (poster) – <i>Withdrawn due to COVID-19.</i>
August 2019	Wilbanks, Eric. 2019. Modeling the influence of confidence in social cues during speech perception using Gaussian mixture models. Presented at the <i>International Congress of Phonetic Sciences</i> . Melbourne, Australia.
September 2017	Inkelas, Sharon, and Eric Wilbanks. 2017. Directionality Effects via Distance-Based Penalty Scaling. Presented at the <i>Annual Meeting on Phonology</i> . New York, New York.
November 2016	Magloughlin, Lyra, and Eric Wilbanks. 2016. An Apparent Time Study of (str) Retraction and /tr/-/dr/ Affrication in Raleigh, NC English. Presented at <i>NWAV 45</i> . Vancouver, BC, Canada.
July 2016	Wilbanks, Eric. 2016. Spectral Trajectories of Spanish /s/: Temporal Variability, Vowel Context, and Duration. Presented at <i>LabPhon 15</i> . Ithaca, NY. (poster)
July 2016	Magloughlin, Lyra, and Eric Wilbanks. 2016. An Apparent Time Study of Turbulent Sounds in Raleigh, NC English. Presented at <i>LabPhon 15</i> . Ithaca, NY. (poster)
March 2016	Wilbanks, Eric. 2016. (str) Retraction in Raleigh: “Identical” Variants Implicated in Two Separate Sound Changes. <i>Penn Linguistics Conference 40</i> . Philadelphia, PA.
October 2015	Wilbanks, Eric. 2015. The Development of FASE (Forced Alignment System for Español) and implications for sociolinguistic research. <i>New Ways of Analyzing Variation 44</i> . Toronto, Canada.
May 2015	Wilbanks, Eric. 2015. The Role of Social Information in Cognitive Processing: Sex and Sexuality. <i>Acoustical Society of America 169th Meeting</i> . Pittsburgh, PA. (poster)
October 2013	Wilbanks, Eric. 2013. Pitch and VOT as Factors in the Perception of Sexual Identity and Masculinity in Male Speech. <i>New Ways of Analyzing Variation 42</i> . Pittsburgh, PA.

Research Positions

Spring 2022–Present	Research IT Domain Consultant UC Berkeley Facilitating access to computing resources and providing guidance on research data and computing strategies
Summer 2017	Graduate Research Assistant UC Berkeley - Dr. Justin Davidson Development of forced alignment protocol for Spanish natural language data
Summer 2015 - Fall 2016	Graduate Research Assistant

NCSU - Dr. Jeff Mielke
Running participants through perception and production experiments;
Processing and Analyzing Ultrasound PCA data; Giving lectures in graduate laboratory phonology class; Force aligning and processing audio data

Summer 2015

Graduate Research Assistant
NCSU - Dr. Robin Dodsworth
Organizing, processing, and force-aligning subsets of a corpus of sociolinguistic interviews conducted in Raleigh, NC

Teaching Positions

Instructor of Record

Summer 2019	Endangered Languages: What we lose when we lose a language UC Berkeley
Spring 2019	Endangered Languages: What we lose when we lose a language UC Berkeley
Summer 2018	Introduction to Psycholinguistics UC Berkeley

Graduate Teaching Assistant

Spring 2022	Language and Thought UC Berkeley - Dr. Terry Regier
Spring 2021	Introduction to Linguistic Science UC Berkeley - Dr. Susan Lin
Spring 2020	Quantitative Methods in Linguistics UC Berkeley - Dr. Jesse Zymet
Fall 2019	Introduction to Linguistic Science UC Berkeley - Dr. Keith Johnson
Fall 2018	Phonetics UC Berkeley - Dr. Keith Johnson
Spring 2018	Introduction to Linguistic Science UC Berkeley - Dr. Lev Michael
Fall 2017	Language and Linguistics UC Berkeley - Dr. Richard Rhodes
Spring 2015	Introduction to Linguistics NCSU - Dr. Chris Carignan
Fall 2014	History of English NCSU - Dr. Erik Thomas

Honors and Awards

2016	Distinguished Capstone Award. NCSU Department of English.
2016	First place poster award (Humanities) at 11 th annual NC State Graduate Research Symposium. Raleigh, NC. "SHtriking" Change in Raleigh's Speech: Acoustic Analysis of (str) Retraction.
2015	LSA Linguistic Institute Fellowship

Skills

Languages	English (<i>Native</i>); Spanish (<i>Advanced</i>)
Software	R; Python; Praat; Jupyter; HTK Speech Recognition Toolkit; Git; L ^A T _E X
Laboratory	Acoustic analysis; Eye-tracking; Forced alignment; Ultrasound; Speech resynthesis; Experimental design

Workshops Given

April 14, 2021	Creating audiovisual stimuli for phonetic perception experiments UC Berkeley PhonLab
September 9, 2021	Deploying online perception experiments using lab.js UC Berkeley PhonLab
October 28, 2020	Analyzing Twitter Data in Python Sociolinguistics Lab at Berkeley (SLaB)
February 21, 2020	Parselmouth: Pythonizing your Praat workflow - with Dr. Susan Lin. UC Berkeley PhonLab
November 16, 2018	Forced Alignment Applications and Examples - with Ron Sprouse UC Berkeley PhonLab
October 12, 2017	Pandas for linguistic data - with Ron Sprouse UC Berkeley PhonLab
May 12, 2016	Forced Alignment in Linguistic Research: Workshop and Applications University of Texas, Austin
January 29, 2016	Applying Forced Alignment in Linguistic Research University of Arizona
September 18, 2015	Praat Scripting Basics - with Amy Hemmeter North Carolina State University
August 28, 2015	Twitter Data Analysis in R North Carolina State University
November 21, 2014	L ^A T _E X Typesetting - with Dr. Jeff Mielke North Carolina State University

Service and Outreach

Conference and Workshop Organization

2019 - 2020

Berkeley Linguistics Society Workshop Organizing Committee

Conference organization and logistics for the 2020 Berkeley Linguistics Society Workshop on Phonological Representations

2017 - 2018	Berkeley Linguistics Society Organizing Committee Conference organization and logistics for the 44 th Annual Meeting of the Berkeley Linguistics Society
2015	Conference Organization Committee & Technology Support 4 th Meeting of <i>Language and Variation in the South</i> concurrent with the 82 nd Meeting of the <i>Southeastern Conference on Linguistics</i> . Hosted by North Carolina State University, April 9-11, 2015.

Committee Memberships

2021 - Present	Graduate Studies Committee Member Served as one of seven faculty, staff, and graduate students members charged with (1) supporting and improving our graduate program and (2) reviewing graduate admissions process
2020 - 2021	Graduate Student Faculty Representative Served as one of two graduate liaisons to faculty meetings and organized official graduate student body responses and communications to faculty
Summer 2020	Diversity, Equity, and Inclusion Committee Member Student member of the DEI committee responsible for surveying and providing a report on department climate and equity issues in preparation for the Department's 10 year external review
2018 - 2019	Phonetics and Phonology (Phorum) Discussion Series co-organizer

Outreach

2015	Language Variation Curriculum Instruction 8 th grade Social Studies, Ocracoke School; Ocracoke Island, North Carolina; March 9-12
2014 - 2015	The Language and Life Project Language variation and identity outreach at the North Carolina State Fair