

Eric Wilbanks

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University of California, Berkeley
Department of Linguistics
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Research Interests

Sociophonetics; laboratory phonology; computational methodologies in phonetics; language variation and change; dynamics of speech production/perception; speech recognition

Education

2016 - Present	University of California, Berkeley Ph.D. candidate, Linguistics
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

2019	Wilbanks, Eric. Modeling the influence of confidence in social cues during speech perception using Gaussian mixture models. <i>Proceedings of the 19th International Congress on the Phonetic Sciences, Melbourne, Australia 2019</i> , 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 .
2019	Smith, Bridget J.; Jeff Mielke; Lyra Magloughlin; and Eric Wilbanks. Sound change and coarticulatory variability involving English /ɹ/. <i>Glossa: a journal of general linguistics</i> . 4.1.63 1-51. DOI: https://doi.org/10.5334/gjgl.650 .
2018	Inkelas, Sharon, and Eric Wilbanks. Directionality effects via distance-based penalty scaling. <i>Proceedings of the 2017 Annual Meeting on Phonology</i> , 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 .

- 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.
- 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.
- 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.

Research Positions

- 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

Selected Presentations

- August 2019 **Wilbanks, Eric.** 2019. Modeling the influence of confidence in social cues during speech perception using Gaussian mixture models. Presented at the *International Congress of Phonetic Sciences*. Melbourne, Australia.
- September 2017 Inkelas, Sharon, and **Eric Wilbanks.** 2017. Directionality Effects via Distance-Based Penalty Scaling. Presented at the *Annual Meeting on Phonology*. 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 *NWAV 45*. Vancouver, BC, Canada.
- July 2016 **Wilbanks, Eric.** 2016. Spectral Trajectories of Spanish /s/: Temporal Variability, Vowel Context, and Duration. Presented at *LabPhon 15*. 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.

Teaching Positions

Spring 2020	Quantitative Methods in Linguistics - Graduate Student Instructor UC Berkeley - Dr. Jesse Zymet Preparation and instruction of materials in discussion sections, grading of assignments and exams
Fall 2019	Introduction to Linguistic Science - Graduate Student Instructor UC Berkeley - Dr. Keith Johnson Preparation and instruction of materials in discussion sections, grading of assignments and exams
Summer 2019	Endangered Languages: What we lose when we lose a language Instructor UC Berkeley
Spring 2019	Endangered Languages: What we lose when we lose a language Instructor UC Berkeley
Fall 2018	Phonetics - Graduate Student Instructor UC Berkeley - Dr. Keith Johnson Preparation and instruction of materials in discussion sections, grading of assignments and exams
Summer 2018	Introduction to Psycholinguistics - Instructor UC Berkeley
Spring 2018	Introduction to Linguistic Science - Graduate Student Instructor UC Berkeley - Dr. Lev Michael Preparation and instruction of materials in discussion sections, grading of assignments and exams
Fall 2017	Language and Linguistics - Graduate Student Instructor UC Berkeley - Dr. Richard Rhodes

Preparation and instruction of materials in discussion sections, grading of assignments and exams

Fall 2017

Introduction to Psycholinguistics - Reader

UC Berkeley - Dr. Susanne Gahl

Grading of assignments, quizzes, and exams

Summer 2017

Introduction to Linguistic Science - Reader

UC Berkeley - Kenny Baclawski

Grading of assignments, quizzes, and exams

Spring 2017

Language and Communication Disorders - Reader

UC Berkeley - Dr. Susanne Gahl

Grading of assignments, quizzes, and exams

Spring 2015

Introduction to Linguistics - Teaching Assistant

NCSU - Dr. Chris Carignan

Assisting with grading and general logistics; Development and teaching of guest lectures; Advising students in after-class review sessions

Fall 2014

History of English - Teaching Assistant

NCSU - Dr. Erik Thomas

Assisting with grading and general logistics; Development and teaching of guest lectures; Advising students in after-class review sessions

Honors and Awards

2016

Distinguished Capstone Award. NCSU Department of English.

2016

First place poster award (Humanities) at 11th 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 (*Native*); Spanish (*Advanced*)

Software

R; Python; Git; L^AT_EX; PsychoPy; Praat; HTK Speech Recognition Toolkit

Laboratory

Acoustic analysis; Forced Alignment; Ultrasound; EGG; Perception experiment design

Workshops Given

October 28 2020

Analyzing Twitter Data in Python
University of California, Berkeley

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

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
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.
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