

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

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^AT_EX Typesetting - with Dr. Jeff Mielke
North Carolina State University

Service and Outreach

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 44th Annual Meeting of the Berkeley Linguistics Society

2015

Conference Organization Committee & Technology Support

4th Meeting of *Language and Variation in the South* concurrent with the 82nd Meeting of the *Southeastern Conference on Linguistics*. Hosted by North Carolina State University, April 9-11, 2015.

2015

Language Variation Curriculum Instruction

8th 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