

Eric Wilbanks

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Research Interests

Sociophonetics; psycholinguistics; acoustic and articulatory phonetics; laboratory phonology; quantitative and computational methods; language variation and change;

Education

2016 - Present

University of California, Berkeley

Ph.D. candidate, Linguistics

Dissertation Committee: Keith Johnson (chair), Sharon Inkelas, Terry Regier, Justin Davidson

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. *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.

2019

Smith, Bridget J.; Jeff Mielke; Lyra Magloughlin; and **Eric Wilbanks**. Sound change and coarticulatory variability involving English /ɹ/. *Glossa: a journal of general linguistics*. 4.1.63 1-51. DOI: <https://doi.org/10.5334/gjgl.650>.

- 2018 Inkela, 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>.
- 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.

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

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 <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.

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 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; Git; L ^A T _E X; Praat; HTK Speech Recognition Toolkit
Laboratory	Acoustic analysis; Forced Alignment; Ultrasound; EGG; Experimental design 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