

# Eric Wilbanks

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## Research Areas

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

## Education

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

## Publications

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### Peer Reviewed

2020	Ronquest, Rebecca; Jim Michnowicz; <b>Eric Wilbanks</b> ; 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: <a href="https://doi.org/10.1075/ih11.26.15ron">https://doi.org/10.1075/ih11.26.15ron</a> .
2019	Smith, Bridget J.; Jeff Mielke; Lyra Magloughlin; and <b>Eric Wilbanks</b> . Sound change and coarticulatory variability involving English /ɹ/. <i>Glossa: a journal of general linguistics</i> . 4.1.63 1-51. DOI: <a href="https://doi.org/10.5334/gjgl.650">https://doi.org/10.5334/gjgl.650</a> .

## 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](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](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

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- 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

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January 2022	<b>Wilbanks, Eric.</b> 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	<b>Wilbanks, Eric.</b> 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 <b>Eric Wilbanks.</b> 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 <b>Eric Wilbanks.</b> 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	<b>Wilbanks, Eric.</b> 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 <b>Eric Wilbanks.</b> 2016. An Apparent Time Study of Turbulent Sounds in Raleigh, NC English. Presented at <i>LabPhon 15</i> . Ithaca, NY. (poster)
March 2016	<b>Wilbanks, Eric.</b> 2016. (str) Retraction in Raleigh: “Identical” Variants Implicated in Two Separate Sound Changes. <i>Penn Linguistics Conference 40</i> . Philadelphia, PA.
October 2015	<b>Wilbanks, Eric.</b> 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	<b>Wilbanks, Eric.</b> 2015. The Role of Social Information in Cognitive Processing: Sex and Sexuality. <i>Acoustical Society of America 169<sup>th</sup> Meeting</i> . Pittsburgh, PA. (poster)
October 2013	<b>Wilbanks, Eric.</b> 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

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

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

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### Instructor of Record

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

### Graduate Teaching Assistant

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

## Honors and Awards

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2016	Distinguished Capstone Award. NCSU Department of English.
2016	First place poster award (Humanities) at 11 <sup>th</sup> 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

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

## Workshops Given

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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 <sup>A</sup> T <sub>E</sub> X Typesetting - with Dr. Jeff Mielke North Carolina State University

## Service and Outreach

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### Conference and Workshop Organization

2019 - 2020	<b>Berkeley Linguistics Society Workshop Organizing Committee</b> Conference organization and logistics for the 2020 Berkeley Linguistics Society Workshop on Phonological Representations
2017 - 2018	<b>Berkeley Linguistics Society Organizing Committee</b> Conference organization and logistics for the 44 <sup>th</sup> Annual Meeting of the Berkeley Linguistics Society
2015	<b>Conference Organization Committee &amp; Technology Support</b> 4 <sup>th</sup> Meeting of <i>Language and Variation in the South</i> concurrent with the 82 <sup>nd</sup> Meeting of the <i>Southeastern Conference on Linguistics</i> . Hosted by North Carolina State University, April 9-11, 2015.

### Committee Memberships

2021 - Present	<b>Graduate Studies Committee Member</b> 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	<b>Graduate Student Faculty Representative</b> Served as one of two graduate liaisons to faculty meetings and organized official graduate student body responses and communications to faculty
Summer 2020	<b>Diversity, Equity, and Inclusion Committee Member</b> 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	<b>Phonetics and Phonology (Phorum) Discussion Series co-organizer</b>

### Outreach

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