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. *Hispanic Linguistics: Current issues and new directions*, ed. by Alfonso Morales-Front, Michael J. Ferreira, Ronald P. Leow, and Cristina Sanz, 304-325. DOI: `https://doi.org/10.1075/ihll.26.15ron`.
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`.

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 2021   **Wilbanks, Eric**. 2021. Investigating selective adaptation to socially-induced percepts. To be presented at the Linguistics Society of America Annual Meeting. Washington, D.C. (poster)

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 *LabPhon 15*. Ithaca, NY. (poster)

March 2016   **Wilbanks, Eric**. 2016. (str) Retraction in Raleigh: "Identical" Variants Implicated in Two Separate Sound Changes. *Penn Linguistics Conference 40*. Philadelphia, PA.

October 2015   **Wilbanks, Eric**. 2015. The Development of FASE (Forced Alignment System for Español) and implications for sociolinguistic research. *New Ways of Analyzing Variation 44*. Toronto, Canada.

May 2015   **Wilbanks, Eric**. 2015. The Role of Social Information in Cognitive Processing: Sex and Sexuality. *Acoustical Society of America 169th Meeting*. Pittsburgh, PA. (poster)

October 2013   **Wilbanks, Eric**. 2013. Pitch and VOT as Factors in the Perception of Sexual Identity and Masculinity in Male Speech. *New Ways of Analyzing Variation 42*. Pittsburgh, PA.

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

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 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 *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; Praat; Jupyter; HTK Speech Recognition Toolkit; Git; LaTeX
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	LaTeX 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 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*.

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** 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