

Eric Wilbanks

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<http://EricWilbanks.github.io>

Research Interests

Language variation; sociophonetics; computational tools for sociolinguistics; speech perception; laboratory phonology; language and sexuality; dynamics of speech production/perception; speech recognition

Education

2014-Present

North Carolina State University

M.A., English - Linguistics

Thesis Title: Postlexical Retraction of English /s/ and Implications for the Actuation Problem of Sound Change

Thesis Advisor: Dr. Jeff Mielke

Summer 2015

LSA Linguistics Institute

University of Chicago

2010-2014

North Carolina State University

B.A., Spanish Language and Lit.

Minor, Linguistics

Presentations

2016

Wilbanks, E. (2016, March). *"SHtriking Change in Raleigh's Speech: Acoustic Analysis of (str) Retraction*. Poster accepted at 11th annual NC State Graduate Research Symposium; Raleigh NC.

2016

Wilbanks, E. (2016, February). *Spectral Trajectories of Spanish /s/: Temporal variability and vowel coarticulatory forces*. Talk accepted at SLINKI 2016; Charleston SC.

2015

Wilbanks, E. (2015, October). *The Development of FASE (Forced Alignment System for Español) and implications for sociolinguistic research*. Talk presented at NWAV 44; Toronto Canada.

2015

Wilbanks, E. (2015, May). *The Role of Social Information in Cognitive Processing: Sex and Sexuality*. Poster presented at 169th Meeting of the Acoustical Society of America; Pittsburgh PA.

2015

Wilbanks, E. (2015, March). *"Us" vs. "Them": Conceptualizing Identity in the Socio-Spatial Domain*. Talk presented at 2015 NCSU AEGS Graduate Conference, <how do you do Digital Humanities?>; Raleigh NC.

2015

Wilbanks, E. (2015, March). *The Role of Social Information in Cognitive Processing: Sex and Sexuality*. Poster presented at 10th annual NC State Graduate Research Symposium; Raleigh NC.

- 2013 Wilbanks, E. (2013, October). *Pitch and VOT as Factors in the Perception of Sexual Identity and Masculinity in Male Speech*.
Talk presented at NWAV 42; Pittsburgh PA.
- 2013 Wilbanks, E. (2013, April). *Pitch and VOT as Factors in the Perception of Sexual Identity and Masculinity in Male Speech*.
Poster presented at 22nd Annual NC State Undergraduate Research Symposium; Raleigh NC.

Positions Held

- Summer 2015 - present **Graduate Research Assistant**
NCSU - Dr. Jeff Mielke
Running participants through perception and production experiments;
Processing and Analyzing Ultrasound PCA data; Giving lectures in Graduate Lab. Phon. class; Force aligning and processing audio data;
- Spring 2015 - present **LAVIS IV Support and Volume Editing**
NCSU - Drs. Jeffrey Reaser & Walt Wolfram
Development of conference website and abstract booklet; Abstract review and program organization; General conference logistics and support;
Review of submitted articles for inclusion in published proceedings;
- 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;
- Spring 2015 **Introduction to Linguistics - Teaching Assistant**
NCSU - Dr. Chris Carnignan
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

- 2015 Linguistics Institute Fellowship, Chicago 2015
- 2013 22nd Annual NC State Undergraduate Research Symposium Winner
- 2013 Undergraduate Research Award
NCSU College of Humanities and Social Sciences

Skills

Languages

English (*Native*); Spanish (*Advanced*)

Software

R statistical package; HTK Speech Recognition Toolkit
L^AT_EX; PsychoPy Suite; Praat; Python; Shell scripting

Laboratory

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

Workshops Given

January 29 2015

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

Engagement and Outreach

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

Memberships

Linguistic Society of America
Southeastern Conference on Linguistics
Sigma Delta Pi ($\Sigma\Delta\Pi$) National Spanish Honor Society