Christian Brickhouse

brickhouse@stanford.edu
www.christianbrickhouse.com

Education

Ph.D. candidate in Linguistics
Stanford University, 2017 – present

BA in Linguistics and Anthropology
Cornell University, 2013 – 2017

Software

JeopardyParser 1.0.0 (Python) implements a web scraping framework to collect, organize, and parse data for the construction of a corpus of Jeopardy questions and answers. Teh software integrates with Stanford's CoreNLP system to implement part of speech tagging and dependency parsing as part of the corpus. Available on GitHub

Interactive COVID-19 *map visualizations* (Vega, D3, Python, R) are a front- and back-end set of scripts used for the creation, maintenance, and display of COVID-19 data visualizations on the English and Turkish Wikipedias. Available on Wikipedia.

ChessBrowser (PHP, JavaScript, HTML, CSS, LESS) is a project to create interactive chess game visualizations for MediaWiki. Supported by the Wikimedia Foundation, I lead development of production-quality code for use on Wikipedia and other wikis. Available on Wikimedia Gerrit.

voweltrajectories 0.2.0 (R) implements the methods of Brickhouse 2019 as an R package. Available on GitHub.

TranscriptParser 0.3.0 (Python) converts ELAN and Transcriber files to the TSV format used by FAVE. Available on GitHub.

Experiment-templates (HTML, JavaScript, CSS) is a collection of online experiment boilerplate demonstrating how to use jsPsych and post experiments to Prolific using Proliferate. Available on GitHub.

Contributed to *Force alignment and vowel extraction (FAVE)* (Python), available on the project's development branch. Ongoing work to port the legacy code from Python 2.7 to Python 3.

Contributed to *jsPsych* (JavaScript), available on the main branch. Improved the survey modules for better user input.

Committees

Wikimedia Grants Committee for the US and Canada, 2021 – present. Managing a $1.7 million annual budget, I review applications and budgets submitted by organizations seeking

annual organization-level funding support. Along with other committee members, we make final funding recommendations for what initiatives get funded and for how much.

NWAV 50 Conference Planning Committee, 2021 – present. I contribute to the planning of the New Ways of Analyzing Variation conference which will be held at Stanford in 2022. As part of this work, I edited videos and materials for promotion and publicity, organized keynote speakers, and will facilitate abstract submissions and review.

Graduate Admissions Committee, Stanford Linguistics, 2020 – 2021. I reviewed application materials from prospective graduate students and made recommendations to the faculty on which candidates we should offer admission to. Following these decisions I planned the department open house and related events that would highlight the department culture to admitted students.

Colloquium Committee, Stanford Linguistics, 2019 – 2020. I solicited recommendations from department members on external speakers to invite, and with the committee decided on a slate of speakers who represent a diversity of fields and topics that would interest department members. For speakers visiting campus, I would help orient them to the campus, organize meetings with our students, and organize a dinner for them and other department members after their talk.

Teaching assistantships

(unlisted)	Laboratory teaching assistant (AY 2020 – 21).
LINGUIST 167	Languages of the World (Spring 2020).
LINGUIST 145	Introduction to Psycholinguistics (Autumn 2019).
LINGUIST 1	Introduction to Linguistics (Autumn 2018).

Posters and Presentations

Brickhouse, Christian and Kate Lindsey (2021, June). *Reconstructing (labialized-)velar plosives in proto-Pahoturi.* Talk presented at the 13th Austronesian and Papuan Languages and Linguistics Conference, online.

Lindsey, Kate and **Christian Brickhouse** (2020, July). *Laboratory phonology without the lab: evaluating articulatory specification change in a Papuan language.* Poster presented at the 17th conference of the Association for Laboratory Phonology, online.

Brickhouse, Christian and Kate Lindsey (2020, January). *Investigating the phonetics-phonology interface with field data: assessing phonological specification through acoustic trajectories.* Poster presentation at the Linguistic Society of America 2020 Annual Meeting, New Orleans, Louisiana.

Podesva, Robert, **Christian Brickhouse**, Louis Esposito, Chantal Gratton, Sabrina Grimberg, and Zion Mengesha (2020, January). *TRAM/TRAP and country-orientation among Latinx speakers in California.* Presentation at the Meeting of the American Dialect Society, New Orleans, Louisiana.

Brickhouse, Christian (2019, October). *Diachronic change in formant dynamics of California low back vowels: an improved analysis method using the Discrete Cosine Transform.* Poster presentation at New Ways of Analyzing Variation (NWAV) 48, Eugene, Oregon.

Brickhouse, Christian (2019, April). *Measuring changes in vowel space shape across California.* Presentation at PHREND, Berkeley, CA.

Lake, Emily, Zion Mengesha, and **Christian Brickhouse** (2018, March). *Just a paper: Ideologically motivated interpretations of "just".* Presentation at SemFest 19, Stanford, CA.

Brickhouse, Christian (2017, April). *The effect of school integration on the vitality of Black American Sign Language.* Presentation at the Mellon Mays Mid-Atlantic Region Conference, Ithaca, NY.

Brickhouse, Christian (2017, April). *Concurrence in full: Towards a socially aware model of phonetic convergence in Supreme Court Justices.* Presentation at the Cornell Undergraduate Linguistics Colloquium 11, Ithaca, NY.

Brickhouse, Christian (2016, April). *He be makin' sense but he don't make sense: recategorization of aspectual-be and its syntax in African American English.* Presentation at the Mellon Mays Mid-Atlantic Region Conference, Princeton, NJ.

Service

Outreach

2021   Co-facilitator
Committee on LGBTQ+ Issues in Linguistics
LGBTQ linguistics Wikipedia Edit-a-thon

2021   Co-facilitator
Committee on Gender Equity in Linguistics
Women in linguistics Wikipedia Edit-a-thon

2019 – Co-facilitator
LSA Annual Meeting
Linguistics Edit-a-thon

Wikipedia articles

Brickhouse, Christian, Peter Roach, and contributors (2020). "Phonetics", *English Wikipedia.*
On the front page's "Did you know?" section on 7 November 2018. Averages 376,000 annual page views.

Brickhouse, Christian (2018). "Sociophonetics", *English Wikipedia.*
On the front page's "Did you know?" section on 1 November 2018. Averages 2,000 annual page views.

Brickhouse, Christian and contributors (2016). "Linguistic Society of America", *English Wikipedia.*
Listed as a Good Article in languages and literature on 16 February 2016. On the front page's "Did you know?" section on 16 March 2016. Averages 5,000 annual page views.

Brickhouse, Christian and contributors (2015). "Electromagnetic articulography", *English Wikipedia.*

Listed as a Good Article in engineering and technology on 18 November 2015. On the front page's "Did you know?" section on 5 august 2015. 2,000 annual page views.

Brickhouse, Christian (2016). "Black American Sign Language", *English Wikipedia*.

Listed as a Featured Article on 20 February 2016. On the front page as Today's Featured Article for 18 November 2016. Averages 25,000 annual page views.