

## SARAH K. HARPER

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## EDUCATION

- 2015-Present Ph.D. student in Linguistics, University of Southern California
- 2015-2017 M.A. in Linguistics, University of Southern California  
M.A. Screening Paper: *Quantifying contributions of individual constrictions to American English /ɹ/ acoustics*.  
Committee: Louis Goldstein (chair), Dani Byrd, Rachel Walker
- 2010-2014 B.A. with High Distinction in Linguistics (Highest Honors) and Spanish, University of Michigan  
*Phi Beta Kappa, University Honors, James B. Angell Scholar*  
Thesis: *Phonological Influence in Third Language Acquisition: L2 Spanish Effects on the Production of L3 Portuguese*.  
Committee: Patrice Beddor (chair), Nicholas Henriksen

## NON-DEGREE

- Fall 2019 Future Faculty Teaching Institute  
Center for Excellence in Teaching  
University of Southern California, Los Angeles, CA
- Summer 2013 Linguistic Society of America Summer Institute  
University of Michigan, Ann Arbor, MI
- Summer 2012 Spanish Language, Literature and Culture in Salamanca, Spain  
Cursos Internacionales, Universidad de Salamanca

## PUBLICATIONS

### JOURNAL ARTICLES

- 2018 **Harper, S.**, Lee, S., Goldstein, L., & Byrd, D. Simultaneous electromagnetic articulography and electroglottography data acquisition of natural speech. *Journal of the Acoustical Society of America*, 144(5), EL380-385.
- 2016 Henriksen, N. & **Harper, S.** (2016). Investigating lenition patterns in south-central Peninsular Spanish /sp, st, sk/ clusters. *Journal of the International Phonetic Association*, 46(3), 287-310.

#### REFEREED CONFERENCE PROCEEDINGS

- 2019      **Harper, S.** The relationship between gestural timing and magnitude for American English /l/ across speech tasks. *Proceedings of the 19<sup>th</sup> International Congress of Phonetic Sciences*, Melbourne, Australia.
- 2016      **Harper, S.**, Goldstein, L., & Narayanan, S. L2 Acquisition and Production of the English Rhotic Pharyngeal Gesture. *Proceedings of the 17<sup>th</sup> Annual Conference of the International Speech Communication Association (INTERSPEECH 2016)*, San Francisco, CA.

#### BOOK REVIEWS

- 2014      Henriksen, N., García Amaya, L., & **Harper, S.** (2014). Review of *Prosodic Typology II: The Phonology of Intonation and Phrasing*. Sun-Ah Jun (Ed.). Oxford: Oxford University Press. *Estudios de Fonética Experimental*, 23, 296-300.

#### IN PREPARATION

**Harper, S.**, Goldstein, L., & Narayanan, S. Variability in individual constriction contributions to third formant lowering in American English /ɹ/.

**Harper, S.**, & Henriksen, N. Investigating L2-status effects on L3 phonological acquisition from the onset of learning: Experimental data from L1 English, L2 Spanish, and L3 Catalan.

#### CONFERENCE PRESENTATIONS

- Upcoming      **Harper, S.** & Goldstein, L. Variability is variable: Individual differences in articulatory variation. Poster to be presented at the 178<sup>th</sup> Meeting of the Acoustical Society of America, San Diego, California, December 6<sup>th</sup> 2019.
- 2019      **Harper, S.** The relationship between gestural timing and magnitude for American English /l/ across speech tasks. Talk given at the 19<sup>th</sup> International Congress of Phonetic Sciences, Melbourne, Australia, August 2019.
- 2019      **Harper, S.** Intrasegmental gestural timing for American English /r/ in Isolated and Connected Speech. Talk given at Phonetics and Phonology in Europe (PaPE) 2019, Lecce, Italy, June 2019.
- 2018      **Harper, S.**, Goldstein, L., & Narayanan, S. Stylistic effects on the acoustic and articulatory properties of American English rhotics. Poster presented at SoCal Hearing, Los Angeles, California, September 2018.
- 2018      **Harper, S.**, Goldstein, L., & Narayanan, S. Quantifying labial, palatal and pharyngeal contributions to rhotic F3 lowering. Talk given at LabPhon 16, Lisbon, Portugal, June 2018.
- 2017      **Harper, S.**, Goldstein, L., & Narayanan, S. Quantifying labial, palatal and pharyngeal contributions to third formant lowering in American English /ɹ/. Poster presented at the 174<sup>th</sup> Meeting of the Acoustical Society of America, New Orleans, Louisiana, December 5<sup>th</sup> 2017.

- 2017 **Harper, S.,** Lee, S., Goldstein, L., & Byrd, D. On simultaneous electromagnetic articulography and electroglottography data acquisition. Poster presented at the 174<sup>th</sup> Meeting of the Acoustical Society of America, New Orleans, Louisiana, December 5<sup>th</sup> 2017.
- 2017 Henriksen, N., & **Harper, S.** (joint first authors). L2 status affects L3 learning from the onset of acquisition: A developmental study of L1 English, L2 Spanish and L3 Catalan. Talk given at Phonetics and Phonology in Europe (PaPE) 2017, Cologne, Germany.
- 2017 **Harper, S.,** Goldstein, L., & Narayanan, S. Stylistic Effects on the Acoustic and Articulatory Properties of English Rhotics. Poster presented at Phonetics and Phonology in Europe 2017, Cologne, Germany.
- 2016 **Harper, S.,** Goldstein, L., & Narayanan, S. L2 Acquisition and Production of the English Rhotic Pharyngeal Gesture. Poster presented at the 17<sup>th</sup> Annual Conference of the International Speech Communication Association (INTERSPEECH), San Francisco, CA, September 2016.
- 2016 **Harper, S.** Phonological Influence in Third Language Acquisition: L2 Spanish Effects on the Production of L3 Portuguese Voiced Stops. Poster presented at LabPhon 15, Ithaca, New York, July 2016.
- 2016 **Harper, S.** L2 Spanish Effects on L3 Portuguese Voiced Stop Production. Talk given at the 8<sup>th</sup> International Symposium on the Acquisition of Second Language Speech (New Sounds), Aarhus, Denmark, June 2016.
- 2014 Henriksen, N. & **Harper, S.** Reconsidering s-lenition: An acoustic analysis of /sp, st, sk/ clusters in Manchego Spanish. Poster presented at the Linguistics Society of America Annual Meeting, Minneapolis, Minnesota, January 4<sup>th</sup> 2014.

## AWARDS AND FELLOWSHIPS

### *Awards*

- 2019 Best Student Paper Award, 19<sup>th</sup> International Congress of Phonetic Sciences
- 2019 IPA Student Award, 19<sup>th</sup> International Congress of Phonetic Sciences
- 2018 IPA Student Award, 16<sup>th</sup> Annual Conference on Laboratory Phonology, Lisbon, Portugal
- 2016 Student Travel Award, 15<sup>th</sup> Annual Conference on Laboratory Phonology, Ithaca, NY
- 2014 Matt Alexander Award – University of Michigan Linguistics Department
- 2014 Student Achievement Award –University of Michigan Department of Romance Languages & Literatures

### *Fellowships*

- 2018-2020 Pre-doctoral Fellow, Hearing and Communication Neuroscience Program (NIH T32 Training Grant) – University of Southern California
- 2015- 2020 Provost's Fellowship – University of Southern California

## RESEARCH EXPERIENCE

### *Research Assistantships*

Summer 2017, Research Assistant, Prof. Dani Byrd, USC Phonetics Laboratory  
Summer 2018,  
Summer 2019

Fall 2017 Phonetics Laboratory Manager, USC Department of Linguistics

Summer 2016 Research Assistant, Speech Articulation and Knowledge (SPAN) Lab, USC

2013-2015 Research Assistant, Prof. Nicholas Henriksen, University of Michigan  
Department of Romance Languages & Literatures.

2013-2014 Assistant in Research, Michigan Project on Oral Language, Writing and  
Reading (M-POWR) Lab, University of Michigan School of Education.

## TEACHING

### *Teaching Assistantships*

Fall 2016, Teaching Assistant for LING 210: Introduction to Linguistics  
Spring 2017, University of Southern California  
Spring 2018 (Instructors: Prof. Stefan Keine, Prof. Karen Jesney)

### *Guest Lectures*

2018 “Phonological Acquisition in a Third Language.” Spanish 487: Spanish Second  
Language Phonology (University of Michigan), March 2018.

2015 “Third Language Acquisition.” Spanish 487: Second Language Acquisition  
(University of Michigan), April 2015.

### *Pedagogical Tools*

2018 Blaylock, R., & **Harper, S.** IPA Hangman: A pedagogical tool. Demo given at  
Southern California April Meeting in Phonology, April 7<sup>th</sup>, 2018.  
Teaching resource available at <http://reedblaylock.com/ipahangman.html>

## DEPARTMENTAL SERVICE

2018-2019 Colloquium Coordinator, Graduate Students in Linguistics (GSiL), University of  
Southern California

2016-2017 Event Coordinator, Graduate Students in Linguistics (GSiL), University of  
Southern California

Oct. 2016 Volunteer Coordinator, 2016 Annual Meeting in Phonology at the University of  
Southern California

2012-2014 Student Representative, Linguistics Department Undergraduate Affairs  
Committee, University of Michigan

## **SKILLS**

### ***Technical Skills:***

Matlab (proficient)  
R (proficient)  
CSS/HTML (intermediate)  
Python (basic)  
JavaScript (basic)

### ***Languages:***

English (native)  
Spanish (proficient)  
Portuguese (intermediate)