

SARAH K. HARPER

Department of Linguistics
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EDUCATION

- 2015-Present Ph.D. 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, James B. Angell Scholar, University Honors
Thesis: *Phonological Influence in Third Language Acquisition: L2 Spanish Effects on the Production of L3 Portuguese*.
Committee: Patrice Beddor (chair), Nicholas Henriksen

NON-DEGREE

- 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 19th 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 17th Annual Conference of*

Last Update: 1/30/20

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.

SUBMITTED OR IN PREPARATION

- Submitted **Harper, S.**, Goldstein, L., & Narayanan, S. Variability in individual constriction contributions to third formant lowering in American English /ɪ/.
- In Prep. **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.

AWARDS AND FELLOWSHIPS

Awards

- 2019 Best Student Paper Award, 19th International Congress of Phonetic Sciences
- 2019 IPA Student Award, 19th International Congress of Phonetic Sciences
- 2018 IPA Student Award, 16th Annual Conference on Laboratory Phonology, Lisbon, Portugal
- 2016 Student Travel Award, 15th 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
- 2015-2016 Graduate School Fellowship – University of Southern California

CONFERENCE PRESENTATIONS

- 2020 **Harper, S.** Consistency in difference: The relationship between articulatory variability and segment differentiation for individual speakers. Poster to be presented at LabPhon17.
- 2020 **Harper, S.** Consistency in difference: The relationship between articulatory variability and segment differentiation for individual speakers. Lightning talk and poster to be presented at *Situating phonological contrast within the production-perception loop* (Satellite workshop for LabPhon17).

- 2020 **Harper, S.** Variability in articulation and acoustics relates to the differentiation of segment pairs across speakers. Poster to be presented at the 179th Meeting of the Acoustical Society of America, Chicago, Illinois.
- 2019 **Harper, S. & Goldstein, L.** Variability is variable: Individual differences in articulatory variation. Poster presented at the 178th Meeting of the Acoustical Society of America, San Diego, California, December 6th 2019.
- 2019 **Harper, S.** The relationship between gestural timing and magnitude for American English /l/ across speech tasks. Talk given at the 19th 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 174th Meeting of the Acoustical Society of America, New Orleans, Louisiana, December 5th 2017.
- 2017 **Harper, S., Lee, S., Goldstein, L., & Byrd, D.** On simultaneous electromagnetic articulography and electroglottography data acquisition. Poster presented at the 174th Meeting of the Acoustical Society of America, New Orleans, Louisiana, December 5th 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 (PaPE) 2017, Cologne, Germany.
- 2016 **Harper, S., Goldstein, L., & Narayanan, S.** L2 Acquisition and Production of the English Rhotic Pharyngeal Gesture. Poster presented at the 17th 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 8th 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 Manhego Spanish. Poster presented at the Linguistics Society of America Annual Meeting, Minneapolis, Minnesota, January 4th 2014.

RESEARCH EXPERIENCE

Research Assistantships

- Summer 2017,
Fall 2017,
Summer 2018,
Summer 2019 Research Assistant, Phonetics Laboratory, 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 7th, 2018.
Teaching resource available at <http://reedblaylock.com/ipahangman.html>

Training

- Fall 2019 Participant in Future Faculty Teaching Institute
Center for Excellence in Teaching, University of Southern California

SERVICE

Service to Profession

- 2020 Abstract reviewer for LabPhon17
2017 Peer Reviewer for Studies in Hispanic and Lusophone Linguistics

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

Departmental Service

2018-2019 Colloquium Coordinator, Graduate Students in Linguistics (GSiL), University of Southern California
2018-2019 Graduate Student Mentor, University of Southern California Department of Linguistics
2016-2017 Event Coordinator, Graduate Students in Linguistics (GSiL), 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)