

# JONATHAN HAVENHILL

## CURRICULUM VITAE

### education

- Georgetown University** – Washington, DC 2017  
- Doctor of Philosophy in Theoretical Linguistics (in progress)
- Georgetown University** – Washington, DC 2015  
- Master of Science in Linguistics
- Linguistic Society of America Summer Institute** – Ann Arbor, MI 2013  
- Linguistic Society of America Fellowship Recipient
- Grand Valley State University** – Allendale, MI 2012  
- Bachelor of Arts in German and English Language & Literature  
- Graduate of the Frederik Meijer Honors College
- Ludwig-Maximilians-Universität München** – Munich, Germany 2010-2011  
- Completed two semesters of coursework in Linguistics and German Studies through the Junior Year in Munich program

### employment

- Genesys Telecommunications Laboratories, Inc.** Aug. 2014-present  
*Speech Scientist Intern* Chantilly, VA  
- Evaluate Voice Biometric/Speaker Verification systems by compiling large corpora of spoken language data and developing methods for testing accuracy, impostor detection, and latency.  
- Design and conduct experiments evaluating speech naturalness and quality of text normalization for Text-to-Speech engines in a variety of European languages.  
- Develop and test Interactive Voice Response applications for quickly and accurately collecting customer information with Automatic Speech Recognition.
- Georgetown University** Aug. 2013-present  
*Graduate Teaching/Research Assistant* Washington, DC  
- As research assistant, design and conduct online language learning experiments, perform analysis of ultrasound tongue imaging data, develop scripts for the automatic extraction and analysis of phonetic data from Setswana- and Sebirwa-language recordings, assist in the editing and preparation of manuscripts for publication.  
- As teaching assistant, lead weekly discussion sections and regular lectures, provide feedback on coursework, and advise student final projects. Experience with both graduate- and undergraduate-level courses.

### publications & presenta- tions

#### Publications

- HAVENHILL, JONATHAN. In Press. Relative clauses in Bavarian: A distributed morphology approach to morpho-syntactic variation. *Proceedings of the 50th Annual Meeting of the Chicago Linguistic Society*. Chicago, IL: University of Chicago.

HAVENHILL, JONATHAN. 2015b. An ultrasound analysis of the low back vowels in the Northern Cities Vowel Shift. *Proceedings of the 18th International Congress of Phonetic Sciences*, ed. by The Scottish Consortium for ICPHS 2015. Glasgow, UK: University of Glasgow.

HAVENHILL, JONATHAN. 2015a. Maintenance of the cot-caught contrast among Detroit speakers: A multimodal articulatory analysis. *University of Pennsylvania working papers in linguistics, Selected papers from NWAV 43*, vol. 21. Philadelphia, PA: University of Pennsylvania.

HAVENHILL, JONATHAN. 2014a. Accounting for Bavarian relative pronoun omission with variable Impoverishment. *Georgetown University working papers in theoretical linguistics, Vol. VIII*, ed. by Shreya Mukherji, Laura Siebecker, and Brett Sutton. Washington, DC: Georgetown University.

### **Presentations**

HAVENHILL, JONATHAN, and YOUNGAH DO. 2016. The role of visual speech cues in sound change: A study of the cot-caught contrast among Michigan speakers. Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.

DO, YOUNGAH; ELIZABETH ZSIGA; and JONATHAN HAVENHILL. 2016. Frequency and naturalness in implicit phonological learning. Paper presented at the 90th Annual Meeting of the Linguistic Society of America, Washington, DC.

HAVENHILL, JONATHAN. 2015c. An ultrasound analysis of the low back vowels in the Northern Cities Vowel Shift. Paper presented at the 18th International Congress of Phonetic Sciences (ICPhS 2015), Glasgow, Scotland.

HAVENHILL, JONATHAN. 2014b. Maintenance of the cot-caught contrast among Detroit speakers: A multimodal articulatory analysis. Poster presented at the 43rd New Ways of Analyzing Variation (NWAV43), University of Illinois, Chicago.

HAVENHILL, JONATHAN. 2014c. Relative clauses in Bavarian: A distributed morphology approach to morphosyntactic variation. Paper presented at the 50th Annual Meeting of the Chicago Linguistic Society (CLS 50), University of Chicago.

HAVENHILL, JONATHAN. 2014d. Relative clauses in Bavarian: A distributed morphology approach to morphosyntactic variation. Paper presented at the Berkeley Germanic Linguistics Roundtable, University of California, Berkeley.

HAVENHILL, JONATHAN. 2012. Change in the vowel system of Munich: An exploratory case study. Paper presented at the 6th Annual Grand Rapids Honors Student Research Conference at Calvin College, Grand Rapids, MI.

### **Works in Progress**

HAVENHILL, JONATHAN, and YOUNGAH DO. The role of visual cues in sound change: A study of the cot-caught contrast among Michigan speakers. Georgetown University and The University of Hong Kong, ms.

DO, YOUNGAH; ELIZABETH ZSIGA; and JONATHAN HAVENHILL. Frequency and naturalness in implicit phonological learning. The University of Hong Kong and Georgetown University, ms.

ZSIGA, ELIZABETH; ONE TLALE BOYER; JONATHAN HAVENHILL; and STACY PETERSEN. The labio-coronal fricatives of Setswana and Sebirwa. Georgetown University, ms.

## teaching

LING 411: Phonology I (graduate) Spring 2016

- Teaching assistant for Dr. Youngah Do
- Guest lectures: Rule ordering

LING 481: Sociolinguistic Variation (graduate) Fall 2015

- Teaching assistant for Dr. Jennifer Nycz
- Guest lectures: Multivariate analysis in sociolinguistics, Statistical analysis in R

LING 411: Phonology I (graduate) Spring 2015

- Teaching assistant for Dr. Elizabeth Zsiga
- Guest lectures: Phonotactics, Phonological Alternations, Phonological Features

SPAN 527: Generative Syntax I (graduate) Fall 2014

- Teaching assistant for Dr. Héctor Campos
- Guest lectures: Subjacency and Parameterization, Squib writing

LING 001: Intro to Language (undergraduate) Fall 2013

- Teaching assistant for Dr. Jennifer Sclafani
- Guest lectures: Sociolinguistics and Variation, Speech Perception

### Graduate Student Workshops

- Ultrasound data collection and analysis, Fall 2016
- Intensive weekend workshop on Praat scripting, Spring 2015
- Annual LaTeX for Linguists workshop, Fall 2013–2015

### Other Guest Lectures

- LING 215: Sounds of Language (undergraduate) — Phonetic and Phonological Variation
- LING 410: Phonetics (graduate) — Ultrasound Tongue Imaging

## skills

- **Programming:** LaTeX, Python 2.7, R, Praat script, HTML/CSS
- **Languages:** English (native), German (advanced)
- **Technical:** Ultrasound Tongue Imaging, Edgetrak

## awards & honors

- Acoustical Society of America: Student Travel Subsidy 2016
- GU Department of Linguistics: Graduate Student Travel Grant 2014, 2015, 2016
- GU Graduate School of Arts & Sciences: Competitive Travel Grant 2015, 2016
- International Phonetic Association: Gösta Bruce Memorial Scholarship for ICPHS 2015
- NWA43: Honorable Mention, Best Student Poster 2014
- Linguistic Society of America: Linguistic Institute Fellowship 2013
- GU Graduate Fellowship 2013–2017
- GU Graduate Scholarship 2013–2017

- Austrian Fulbright Commission: US Teaching Assistantship (declined)
- GVSU Frederik Meijer Honors College Graduate 2012

- associations**
- Linguistic Society of America since 2013
  - International Phonetic Association since 2015
  - Acoustical Society of America since 2016
  - Georgetown University Graduate Student Linguistics Association since 2012
    - Co-organizer of Linguistic Research Tool Workshop series