

Johanna Cronenberg

Academic Curriculum Vitæ

Career Summary and Research Focus

Having received undergraduate degrees in Romance Philology and General Linguistics, as well as a graduate degree in Phonetics and Speech Processing, I am now a PhD student at the Institute of Phonetics and Speech Processing under the supervision of Prof. Jonathan Harrington. My research focuses on the two central questions around sound change: How does change arise and how does a new sound spread throughout a speech community? To answer these intriguing questions, I apply computational methods such as agent-based modelling as well as traditional methods from laboratory phonology.

Education

- Since 2018 **PhD Program: Phonetics and Speech Processing**, LMU Munich.
Expected graduation: March 2022
- 2016–2018 **M.A. Phonetics and Speech Processing**, LMU Munich, final grade 1.1 (A).
Minor field of study: Computational Linguistics
- 2013–2016 **B.A. Language and Communication**, University of Marburg, final grade 1.3 (A).
Major subjects: speech science & psycholinguistics
- 2012–2016 **B.A. Romance Philology**, University of Marburg, final grade 1.3 (A).
Major subjects: Spanish & Italian

Publications

Peer-Reviewed Journals

- 2020 **Cronenberg, J.**, Gubian, M., Harrington, J. & Ruch, H. (in press): A dynamic model of the change from pre- to post-aspiration in Andalusian Spanish. *Journal of Phonetics*.

Conferences

- 2019 **Cronenberg, J.** (oral presentation): Modelling an ongoing sound change in the East Franconian dialect by means of an agent-based model. *P&P Conference*, Düsseldorf.
- Cronenberg, J.** & Harrington, J. (oral presentation): Modelling the sound change of pre- to post-aspiration using an agent-based model. *Seminar on Phonetics*, Venice.
- 2018 **Cronenberg, J.**, Haller, L., Patáková, I. & Draxler, C. (poster & paper): Devoicing of /z/ in the Bavarian dialect: a large-scale study. *P&P Conference*, Vienna.
- 2017 Slavik, K., **Cronenberg, J.**, Balafa, E. & Draxler, C. (oral presentation): The spoken production of gender-neutral nouns in German. *Linguistics Prague Conference*, Prague.
- Slavik, K., **Cronenberg, J.**, & Draxler, C. (poster & paper): A study on the pronunciation of gender-neutral nouns in German. *P&P Conference*, Berlin.

Teaching

- 2020 **Programming and Statistics in R**, undergraduate lecture and tutorial
Introduction to Programming in R and *tidyverse*, workshop for PhD students
Introduction to Linear Regression and Mixed Models in R, workshop for PhD students

Administrative Experience

- 2020 Organisation of a Young Researchers Kolloquium at the Institute of Phonetics and Speech Processing, LMU Munich.

Professional Experience

- 2018–2019 **Technology Consultant**, Zielpuls Munich.
○ Development of an app for mobility services in collaboration with BMW
○ Teamwork according to SCRUM
- 2016–2018 **Student Worker**, Institute of Phonetics and Speech Processing, LMU Munich.
○ Automatic validation of speech corpora using Python and Bash
○ Implementation of new languages in WebMAUS (software for automatic segmentation)
○ Design of e-learning module for phonetic transcription courses
- 2016 **Intern**, Department of Phoniatrics and Paediatric Audiology, University Hospital Marburg.
○ Editing and proof-reading of scientific papers in German and English
○ Database maintenance in SPSS
- 2015 **Intern**, Department of Phoniatrics and Paediatric Audiology, University Hospital Frankfurt.
○ Development of a biofeedback treatment for speech therapy
○ Guest student during dysphagia therapies with cancer patients
- 2014 **Freelance Translator**.
○ Translation of *En casa de John Lennon* from Spanish to German

Other Skills & Qualifications

IT Skills

- Advanced R, L^AT_EX, Microsoft Office
Intermediate Python, SQL
Basics JavaScript, Bash

Languages

- Advanced German, English, Spanish
Intermediate French, Italian
Basics Turkish, Xhosa