

I am an Assistant Professor in the Department of Linguistics and Languages at McMaster University.

My research focuses on experimental phonetics, the link between speech production and speech perception, and the relationship between phonetics and neurolinguistics. More specifically my research examines the use and interplay of acoustic cues (i.e., cue-weighting) for (1) speech production and perception and (2) articulatory and biomechanical constraints in speech perception.

I received his Ph.D. from the Humboldt University of Berlin (Germany) in the area of Phonetics with the dissertation entitled "Microprosodic differences in a cross-linguistic vowel comparison of speech production and speech perception". I then pursued his post-doctoral research at the University of Aveiro (Portugal) working on the link between speech production and speech perception. My post-doctoral research focus was on the use of different acoustic and perceptual cues to stop and fricative voicing, cross-linguistically comparing the languages European Portuguese, Italian, and German. During my post-doctoral training, I had the opportunity to return to work (the first project was the "Speech production after glossectomy" project) at the Gipsa-labs in Grenoble (France) where I investigated the use of biomechanical and articulatory synthesis for speech perception purposes.