

The relationship(s) between planning and articulation in multilingual speech

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Abstract

Are the cognitive processes involved in the retrieval of words, planning of speech, and speech articulation modularly separated, or are these stages of processing interactive? I'll discuss recent work examining this issue in multilingual speakers, leveraging automated acoustic analysis methods to substantially increase sample sizes relative to previous phonetic studies. The empirical picture suggests that processing does not neatly fall into either side of the modular/interactive divide, challenging current theories of speech production.

Bio

Matt Goldrick is Professor of Linguistics and (by courtesy) Psychology at Northwestern University. He received his PhD in Cognitive Science from the Johns Hopkins University. Goldrick's research integrates experimental studies and computational modeling to develop and test theories of language processing. Current projects in the NU SoundLab focus on speech perception and production in multilinguals, links between speech planning and articulation, and implicit learning of sound structure.