

## **Investigating Speech production using Masked Priming and EMA**

Mike Proctor

Spoken response times can be manipulated by briefly presenting text to a speaker before they read a word out loud. This masked onset priming effect (MOPE) is an important paradigm for investigating lexical access, speech planning, and speech production. Most previous work has monitored acoustic response time (RT), but electromagnetic articulography (EMA) reveals that speech gestures are initiated as early as 200 ms before the acoustic onset of the response (Davis et al. 2014, Proctor et al. in revision). We discuss new insights into models of speech production from articulatory examination of speech priming, and future directions for investigating the domain of coarticulation using this new experimental approach.