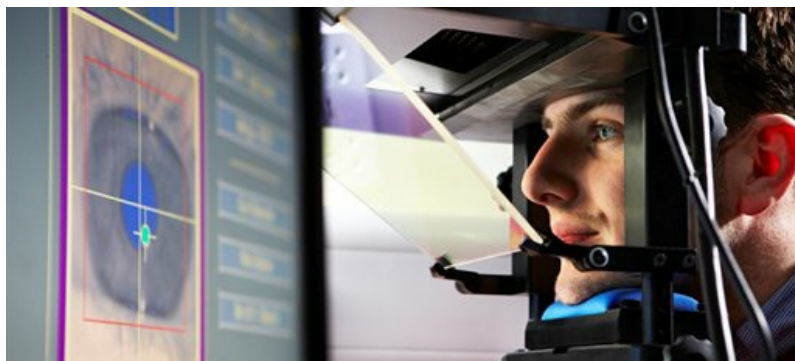


Language processing



Sotaro Kita

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Sotaro Kita's primary research interest is the relationship between language, cognition and action. More specifically, he investigates gestures that people spontaneously produce during speaking and thinking and language development in children.

Andrea Krott

Andrea Krott is interested in children's language acquisition as well as adult language processing. In terms of language acquisition, she has been particularly interested in how children learn to interpret relational components of compound words (e.g. is a banana lorry a lorry FOR bananas or a lorry MADE OF bananas?). Recently she has been involved in a collaboration investigating bilingual language assessment. With regards to adult language processing, she is particularly interested in the neuronal processes that support both speaking and reading.

Andrew Olson

Andrew Olson is interested in how language is organised in the mind and how it is affected by various disorders: brain damage, deafness, dyslexia and degenerative brain disease. His laboratory uses a variety of techniques—psycholinguistic experiments, neuropsychological assessment, eye-tracking and computational modelling—to understand how we speak, read, write and understand. We test theories of language organisation using formal statistical models and model selection.

Linda Wheeldon

Linda Wheeldon's research focuses language production processes. She investigates the generation of intonation, syntax and lexical access for spoken sentence production and the scope of planning for these processes. She is also interested in the development of prosody in children and the effects of prosodic grouping on speech production and verbal short term memory. Other research examines the representation and retrieval of lexical phonology and morphology.

Representative articles

Wheeldon, L. R. & Lahiri, A. (1997). Prosodic units in language production. *Journal of Memory and Language*, 37, 356-381. (PDF)

Wheeldon, L. R. (2000) Aspects of language production. Psychology Press.

Smith, M.C., & Wheeldon, L.R. (2001). Syntactic priming in spoken sentence production: An online study. *Cognition*, 78, 123-164. (PDF)

Smith, M. C. & Wheeldon L. R. (2004). Horizontal Information Flow in Spoken Sentence Production. *Journal of Experimental Psychology: Learning Memory and Cognition*, 30, 675-686. (PDF)

Allum, P. & Wheeldon, L. R. (2007). Planning Scope in Spoken Sentence Production: The Role of Grammatical Units. *Journal of Experimental Psychology: Learning Memory and Cognition*. Vol 33 (4), 791-810. (PDF)

Allum, P. & Wheeldon, L. R. (2009). Scope of lexical access in spoken sentence production: Implications for the conceptual-syntactic interface. *Journal of Experimental Psychology: Learning Memory and Cognition*. Vol 35 (5), 1240-1255. (PDF)

