

## Elise Lesage

Doctoral Researcher

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### About

**Title of PhD:** Language and the cerebellum

**Supervisor:** [Professor Chris Miall \(/staff/profiles/psychology/miall-chris.aspx\)](/staff/profiles/psychology/miall-chris.aspx)

My research interests are the neural underpinnings of language and higher cognitive abilities in humans. My research thus far focuses on the role of the cerebellum in language and cognition. Methods I use to investigate these questions are fMRI, TMS and eye-tracking methods, as well as a variety of behavioural measures.

### Qualifications

BSc, MSc

### Research

#### Research interests

Cognition, language, cortico-cerebellar systems

### Publications

E. Lesage, B.E. Morgan, A.C. Olson, A.S. Meyer, & R.C. Miall (2012). Cerebellar rTMS disrupts predictive language processing, *Current Biology*, 22(18), R794-R795.

E. Lesage, Navarette, G., & De Neys, W. (2012). Evolutionary modules and Bayesian facilitation: the role of cognitive capacity, *Thinking and Reasoning*. (Available online: doi 10.1080/13546783.2012.713177).

E. Lesage, M.A.J. Apps, A.L. Hayter, C.F. Beckmann, D. Barnes, D.W. Langdon, and N. Ramnani. (2010). Cerebellar Information Processing In Relapsing-Remitting Multiple Sclerosis, *Behavioural Neurology*, 23, 39-49.