Curriculum Vitae

Laura E. Gwilliams, M.Sc.

Research Positions

Aug 2013 - Present	*Research Assistant,* **New York University Abu Dhabi**
July 2012 - Jan 2014	*Research Assistant***, Cardiff University**
Sept 2011 - June 2012	*Graduate Research Team,* **Cardiff University**

Education

M.Sc.: <u>2012 - 2013</u>

Cognitive Neuroscience of Language

Basque Center on Cognition, Brain and Language (BCBL)

Grade: *Excellence*

Dissertation: *Sensitivity to Morphological Composition*

Supervisors: A. Samuel & P. Monahan

B.A.: <u>2009 - 2012</u>

English Language, with specialisation in Linguistic Theory

Cardiff University

Grade: *1st Class with honours*

Dissertation: *Ambiguity of Process-Type Selection in Systemic Functional Linguistics*

Supervisor: L. Fontaine

Awards and Scholarships

Dell Hymes Commendation for Excellent Academic Achievement, **Cardiff University**

Description: Presented to the top graduating student from the department

Academic Service

Conference Assistant, *Society for the Neurobiology of Language,* **October 2012**

Editor of *Centre for Language and Communication Research Newsletter*, **2011 - 2012**

Student Representative, *English Language Graduating Class of 2012, Cardiff University*, **2009 - 2012**

Software and Programming Skills

Data Analysis: MNE, Python, BESA, MATLAB (Fieldtrip), R, MEG160

Auditory Packages: Praat, Audacity

Experimental Design: Presentation, MATLAB (Psychtoolbox), DMDX

Programming: Python, Perl, Unix (bash, tcsh), HTML

Manuscripts

Gwilliams, L., Lewis, G. & Marantz, A. (In preparation). The visual word form before the visual word form area: Revealing the temporal, spatial and oscillatory dynamics of letter string perception.

Gwilliams, L. & Marantz, A. (Submitted). Tracking non-linear prediction in a linear speech stream: Influence of morphological structure on spoken word recognition.

Politzer-Ahles, S., & **Gwilliams, L**. (Under revision). Involvement of prefrontal cortex in scalar implicatures: Evidence from magnetoencephalography.

Gwilliams, L., Monahan, P., & Samuel, A. (Submitted). Sensitivity to Morphological Composition: Evidence from Grammatical and Lexical Decision Tasks.

Gwilliams, L. & Fontaine, L. (Under revision). Ambiguous Process Type Selection in Systemic Functional Linguistics: Evidence from an Online Classification Task.

Posters and Presentations

Gwilliams, L., Lewis, G., & Marantz, A. (2014, August). *Revealing the cortical dynamics of letter string perception*. Poster presented at the Society for the Neurobiology of Language Conference, Amsterdam, Netherlands.

Linzen, T., Gaston, P., **Gwilliams, L**. & Marantz, A. (2014, August). *Competition and prediction in the auditory processing of morphologically complex words*. Poster presented at the Society for the Neurobiology of Language Conference, Amsterdam, Netherlands.

Gwilliams, L. & Fontaine, L. (2014, July). *Ambiguity in Process Type Selection in Systemic Functional Linguistics*. Presentation at the 25th European Systemic Functional Linguistics Conference, Paris, France.

Brodbeck, C., **Gwilliams, L**. & Pylkkänen, L. (2014, February). *Reference resolution and prediction in a visual world: MEG evidence from English and Arabic*. Presentation at the NYUAD Annual Research Conference 2014, Abu Dhabi, UAE.

Gwilliams, L., Monahan, P, & Samuel, A. (2013, June). *Activation of Verbal Derivation of During Nominalization Decomposition*. Poster presented at The 8th International Morphological Processing Conference, Cambridge, UK.

Gwilliams, L., Monahan, P., & Samuel, A. (2013, March). *Decompositional Processing of Nominalizations.* Poster presented at the Basque Centre on Cognition, Brain and Language (BCBL), San Sebastian, Spain.