

# Madeleine Long

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## CONTACT INFORMATION

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Edinburgh, EH8 9AD

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## EDUCATION

**University of Edinburgh**, Scotland

PhD, Linguistics, May, 2018

- Thesis: The lifelong interplay between language and cognition: from language learning to perspective-taking, new insights into the ageing mind
- Supervisors: Hannah Rohde, Antonella Sorace, Thomas Bak

MSc, Developmental Linguistics, August, 2014

- Dissertation: Attention, executive function, and age: can older second language learners experience language-related cognitive change? (Distinction)
- Supervisors: Hannah Rohde, Antonella Sorace

**Middlebury College**, Madrid, Spain and Guadalajara, Mexico

MA (Hons), Spanish Linguistics, August, 2010

**Georgetown University**, Washington, DC, USA

BA (Dean's List), English Literature and Spanish, May, 2009

## RESEARCH POSITIONS

**University of Edinburgh**, Scotland

*Postdoctoral researcher*

**May, 2018 - April, 2019**

Linguistic and cognitive factors in effective referential communication (funded by the Research Council of Norway) PI: Paula Rubio-Fernandez

*Research assistant*

**March, 2017 - April, 2018**

Cognitive, motivational, and demographic correlates of Progress Test proficiency scores (funded by Pearson Education) PI: Antonella Sorace, Co-I: Thomas Bak

*Research assistant*

**December, 2016 - May, 2017**

Universal health visiting pathway: promoting knowledge of language development (funded by the University of Edinburgh) PI: Vicky Chondrogianni

## PUBLICATIONS

**Long M**, Horton WS, Rohde H, Sorace A, 2018. Individual differences in switching and inhibition predict perspective-taking across the lifespan. *Cognition* 170, 25-30.

Bak T, **Long M**, Vega-Mendoza M, Sorace A, 2016. Novelty, challenge, and practice: the impact of intensive language learning on attentional functions. *PLoS ONE* 11(4):e0153485.

## UNDER REVIEW

**Long M**, Vega-Mendoza M, Rohde H, Sorace A, Bak H. The role of novelty and familiarity in the impact of language learning on cognitive performance.

## IN PREPARATION

**Long M**, Rohde H, Oraa Ali M, Rubio-Fernandez, P. The role of communicative strategies and cognitive control on referential efficiency over the lifespan.

**Long M**, Turner G, Vega-Mendoza M, Sorace A, Bak H. Cognitive psychology meets sociolinguistics: effects of brief intensive language learning on attentional functions and language attitudes.

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|--------------------------|---|--------------------------------------|
| CONFERENCE PRESENTATIONS | <b>Long M</b> , Rohde H, Oraa Ali, M, Rubio-Fernandez, P, 2019. Referential efficiency across adulthood: communicative strategies and cognitive control. Poster accepted for the 32nd CUNY Conference on Human Sentence Processing, Boulder, CO.  |                                      |
|                          | <b>Long M</b> , Horton WS, Rohde H, Sorace A, 2017. Individual differences in perspective taking: inhibition and switching across the lifespan. Poster presented at the 30th CUNY Conference on Human Sentence Processing, Boston, MA.  |                                      |
|                          | <b>Long M</b> , Vega-Mendoza M, Sorace A, Bak T, 2016. Effects of later-life language learning on cognitive ageing. Paper presented at the 6th Aging and Society Conference, Norrköping, Sweden.  |                                      |
|                          | <b>Long M</b> , Vega-Mendoza M, Sorace A, Bak T, 2015. In praise of novelty and practice: language learning improves and maintains attention. Poster presented at the 40th Annual Boston University Conference on Language Development, Boston, MA.                                     |                                      |
|                          | <b>Long M</b> , Vega-Mendoza M, Sorace, A, Bak T, 2015. Language learning as cognitive training: attentional improvement after a one-week intensive Gaelic course. Poster presented at the 21st Annual Architectures and Mechanisms for Language Processing conference, Valetta, Malta. |                                      |
| MEDIA COVERAGE           | BBC, Newsweek, Today Show, The Scotsman, The Times, The Herald  |                                      |
| TEACHING EXPERIENCE      | <b>University of Edinburgh</b> , Scotland   |                                      |
|                          | <i>Guest lecturer</i>   | <b>November, 2018</b>                |
|                          | <ul style="list-style-type: none"> <li>Psycholinguistics (MSc/honours lectures on individual differences in referential communication)</li> </ul>   |                                      |
|                          | <i>Teaching assistant</i>   | <b>September, 2017 - April, 2018</b> |
|                          | <ul style="list-style-type: none"> <li>Critical analysis (pre-honours tutorials, marking)</li> <li>PPLS writing centre (honours writing support)</li> </ul>   |                                      |
| ACADEMIC SERVICE         | <i>Teaching assistant</i>   | <b>September, 2016 - April, 2017</b> |
|                          | <ul style="list-style-type: none"> <li>Psychology 1 (pre-honours tutorials, labs, marking)</li> <li>Second language acquisition (honours tutorials)</li> <li>Child bilingualism: language and cognition (honours tutorials)</li> </ul>  |                                      |
|                          | <i>Teaching assistant</i>   | <b>September, 2015 - April, 2016</b> |
|                          | <ul style="list-style-type: none"> <li>Second language acquisition (honours tutorials)</li> <li>First language acquisition (honours tutorials, marking)</li> <li>Linguistics and English language 1 (pre-honours tutorials, marking)</li> </ul>   |                                      |
|                          | <b>Experimental Pragmatics (XPRAG) 2019 Conference committee member</b>   |                                      |
|                          | Will review abstracts and help with the planning of the upcoming conference   |                                      |
|                          | <b>Co-organiser of society for postdocs in Philosophy, Psychology and Language Sciences</b>   |                                      |
|                          | Assist in planning workshops for postdocs including advanced stats and open science best practices  |                                      |
|                          | <b>Linguistics Circle committee member</b>  |                                      |
|                          | Assist in the planning and organisation of the UoE Linguistics department's flagship seminar series   |                                      |

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|                               | <p><b>Language at Edinburgh Lunch committee member</b><br/>Assist in the organisation of bi-monthly meetings to showcase and discuss language-related research</p> <p><b>Linguistics and English Language 2017 Postgraduate Conference committee member</b><br/>Assisted by sending out the call and updating social media</p>   |
| AWARDS                        | <p><b>3 Minute Thesis UK People’s Choice Winner</b><br/>Competed against 56 semi-finalists and 6 finalists from UK universities to win People’s Choice</p> <p><b>School of Philosophy, Psychology and Language Sciences Support Grants</b><br/>Awarded funding on fourteen occasions to support fieldwork and conferences</p> <p><b>International Office Principal’s Go Abroad Recipient</b><br/>Awarded funding to visit Northwestern University’s Psycholinguistics lab</p> <p><b>Aging and Society Graduate Scholar</b><br/>Awarded funding to attend conference and chair parallel sessions</p> <p><b>CUNY Conference on Human Sentence Processing Travel Grant</b><br/>Awarded funding to attend conference</p>   |
| SELECTED PUBLIC<br>ENGAGEMENT | <p><b>Royal Institution speaker for ‘Neuroscience in Society’ event</b><br/>Presented PhD research and answered questions from the audience</p> <p><b>Event manager for Pint of Science Beautiful Mind neuroscience events</b><br/>Helped to organise local speakers and ensure the events ran smoothly</p> <p><b>Blogs and podcasts for Taylor and Francis, Vitae UK, and Edinburgh Forward Thinking</b><br/>Invited to write blogs/join in podcast discussions about PhD research and science communication</p> <p><b>Bilingualism Matters Annual Event presenter</b><br/>Presented PhD research and answered questions from the audience</p> <p><b>Leith Labs speaker</b><br/>Presented PhD research and initiated a group discussion on language and cognition</p> <p><b>Explorathon speaker</b><br/>Presented PhD research and discussed it with those who came by the pop-up stand</p> |
| ENGAGING WITH<br>STUDENTS     | <p><b>Edinburgh Neuroscience Autumn School (for PhD students) speaker</b><br/>Presented PhD research and answered questions from first year PhD students</p> <p><b>University of Edinburgh Postgraduate Welcome Event speaker</b><br/>Gave a talk on top tips/advice for carrying out a PhD</p> <p><b>Blog for University of Edinburgh Teaching Matters</b><br/>Wrote a blog about the benefits of showcasing research to a lay audience</p>   |
| LANGUAGES/<br>COMPUTER SKILLS | <p>English, Spanish / R, E-Prime, L<sup>A</sup>T<sub>E</sub>X, JavaScript, HTML/CSS</p>  |
| MEMBERSHIP                    | <p>Psychonomic Society, PPLS Postdoc Society, Women in Cognitive Science, Edinburgh R user group, R-Ladies Edinburgh</p>   |