

# Madeleine Long

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## CONTACT INFORMATION

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## RESEARCH INTERESTS

Experimental pragmatics, psycholinguistics, developmental linguistics, individual differences

## 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
- Viva committee: Napoleon Katsos, Holly Branigan

### University of Edinburgh, Scotland

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 Oslo, Norway

*Postdoctoral researcher*

**May, 2019 - April 2021**

Vision shapes language: referential communication in blind, sighted and newly-sighted individuals (funded by the Research Council of Norway) PI: Paula Rubio-Fernandez

### 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, Co-I: Hannah Rohde

### University of Edinburgh, Scotland

*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

### University of Edinburgh, Scotland

*Research assistant*

**December, 2016 - May, 2017**

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

## INVITED TALKS

### Sinha Lab at MIT

Cognitive mechanisms underlying pragmatic choices across the adult lifespan (April, 2019)

PUBLICATIONS	<p><b>Long M</b>, Horton WS, Rohde H, Sorace A, 2018. Individual differences in switching and inhibition predict perspective-taking across the lifespan. <i>Cognition</i> 170, 25-30.</p> <p>Bak T, <b>Long M</b>, Vega-Mendoza M, Sorace A, 2016. Novelty, challenge, and practice: the impact of intensive language learning on attentional functions. <i>PLoS ONE</i> 11(4):e0153485.</p>
UNDER REVIEW	<p><b>Long M</b>, Vega-Mendoza M, Rohde H, Sorace A, Bak H. Understudied factors contributing to variability in cognitive performance related to language learning.</p>
IN PREPARATION	<p><b>Long M</b>, 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.</p> <p><b>Long M</b>, Rohde H, Oraa Ali M, Rubio-Fernandez, P. The role of communicative strategies and cognitive control on referential efficiency over the lifespan.</p>
CONFERENCE PRESENTATIONS	<p><b>Long M</b>, Rohde H, Oraa Ali, M, Rubio-Fernandez, P, 2019. The role of communicative strategies and cognitive control on referential efficiency across the adult lifespan. Poster accepted for the 8th Experimental Pragmatics (XPrag) Conference, Edinburgh, Scotland.</p> <p><b>Long M</b>, Rohde H, Oraa Ali, M, Rubio-Fernandez, P, 2019. Referential efficiency across adulthood: communicative strategies and cognitive control. Poster presented at the 32nd CUNY Conference on Human Sentence Processing, Boulder, CO.</p> <p><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.</p> <p><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.</p> <p><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.</p> <p><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.</p>
INTERNAL PRESENTATIONS	<p>Psycholinguistics Coffee, Human Cognitive Neuroscience Seminar, Cognitive Ageing Journal Club, Developmental Linguistics Seminar, Edinburgh Neuroscience Day, Language at Edinburgh Lunch, Centre for Cognitive Ageing and Cognitive Epidemiology Research Day</p>
TEACHING EXPERIENCE	<p><b>University of Edinburgh</b>, Scotland</p> <p><i>Guest lecturer</i> <span style="float: right;"><b>November, 2018</b></span></p> <ul style="list-style-type: none"> <li>• Psycholinguistics (MSc/honours lectures on individual differences)</li> </ul> <p><i>Teaching assistant</i> <span style="float: right;"><b>September, 2017 - April, 2018</b></span></p> <ul style="list-style-type: none"> <li>• Critical analysis (pre-honours tutorials, marking)</li> <li>• PPLS writing centre (honours writing support)</li> </ul>

*Teaching assistant*

**September, 2016 - April, 2017**

- Psychology 1 (pre-honours tutorials, labs, marking)
- Second language acquisition (honours tutorials)
- Child bilingualism: language and cognition (honours tutorials)

*Teaching assistant*

**September, 2015 - April, 2016**

- Second language acquisition (honours tutorials)
- First language acquisition (honours tutorials, marking)
- Linguistics and English language 1 (pre-honours tutorials, marking)

ACADEMIC  
SERVICE

**Experimental Pragmatics (XPRAG) Conference committee member**

Reviewed abstracts and will help with the planning of the upcoming conference

**Linguistics Circle committee member**

Assist in the planning and organisation of the UoE Linguistics department's flagship seminar series

**Co-organiser of society for postdocs in Philosophy, Psychology and Language Sciences**

Organise workshops for postdocs including advanced statistics and open science best practices

**Language at Edinburgh Lunch committee member**

Assist in the organisation of bi-monthly meetings to showcase and discuss language-related research

**Linguistics and English Language 2017 Postgraduate Conference committee member**

Assisted by sending out the call and updating social media

AWARDS

**Guarantors of Brain Travel Grant**

Awarded funding to attend 2019 CUNY Conference on Human Sentence Processing

**3 Minute Thesis UK People's Choice Winner**

Competed against 56 semi-finalists and 6 finalists from UK universities to win People's Choice

**School of Philosophy, Psychology and Language Sciences Support Grants**

Awarded funding on 14 occasions to support fieldwork and conferences

**International Office Principal's Go Abroad Recipient**

Awarded funding to visit Northwestern University's Psycholinguistics lab

**CUNY Conference on Human Sentence Processing Travel Grant**

Awarded funding to attend 2017 conference

**Aging and Society Graduate Scholar**

Awarded funding to attend conference and chair parallel sessions

SELECTED PUBLIC  
ENGAGEMENT

**Royal Institution speaker for 'Neuroscience in Society' event**

Presented PhD research and answered questions from the audience

**Event manager for Pint of Science Beautiful Mind neuroscience events**

Helped to organise local speakers and ensure the events ran smoothly

**Blogs and podcasts for Taylor and Francis, Vitae UK, and Edinburgh Forward Thinking**

Invited to write blogs/join in podcast discussions about PhD research and science communication

**Bilingualism Matters Annual Event presenter**

Presented PhD research and answered questions from the audience

**Leith Labs speaker**

Presented PhD research and initiated a group discussion on language and cognition

**Explorathon speaker**

Presented PhD research and discussed it with those who came by the pop-up stand

**ENGAGING WITH STUDENTS****Edinburgh Neuroscience Autumn School (for PhD students) speaker**

Presented PhD research and answered questions from first year PhD students

**University of Edinburgh Postgraduate Welcome Event speaker**

Gave a talk on top tips/advice for carrying out a PhD

**Blog for University of Edinburgh Teaching Matters**

Wrote a blog about the benefits of showcasing research to a lay audience

**LANGUAGES**

English (native), Spanish (advanced)

**COMPUTER SKILLS**

R, E-Prime, L<sup>A</sup>T<sub>E</sub>X, JavaScript, HTML/CSS

**MEDIA COVERAGE**

BBC, Newsweek, Today Show, The Scotsman, The Times, The Herald

**MEMBERSHIP**

Psychonomic Society, PPLS Postdoc Society, Women in Cognitive Science, Edinburgh R user group, R-Ladies Edinburgh

**REFERENCES****Paula Rubio-Fernandez**

Brain and Cognitive Sciences  
MIT  
prubio@mit.edu

**Hannah Rohde**

Linguistics  
U. of Edinburgh  
hannah.rohde@ed.ac.uk

**Antonella Sorace**

Linguistics  
U. of Edinburgh  
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