

# Madeleine Long

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## CONTACT INFORMATION

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Edinburgh, EH8 9AD

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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 referential choices across the adult lifespan (April, 2019)

PUBLICATIONS	<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.	
	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.	
UNDER REVIEW	<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.	
CONFERENCE PRESENTATIONS	<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.	
	<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.	
	<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.	
INTERNAL PRESENTATIONS	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	
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)</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>	
	<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>	

- 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  
a.sorace@ed.ac.uk