

# Madeleine Long

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## CONTACT INFORMATION

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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

### **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

## RESEARCH VISITS

### **Sinha Lab, Brain and Cognitive Sciences, MIT**

Piloted a language production eye-tracking study with Paula Rubio-Fernandez (June, 2019)

### **Psycholinguistics lab at Northwestern University**

Piloted a linguistic perspective-taking study with Sid Horton (August, 2015)

INVITED TALKS	<b>Sinha Lab, Brain and Cognitive Sciences, MIT</b> 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. (Manuscript available upon request)  <b>Long M</b> , Shukla V, Rubio-Fernandez P. The development of simile comprehension: from comparison to scalar implicatures. (Manuscript available upon request)  <b>Long M</b> , Turner G, Vega-Mendoza M, Sorace A, Bak T. Cognitive psychology meets sociolinguistics: effects of brief intensive language learning on attentional functions and language attitudes. (Manuscript available upon request)
CONFERENCE PRESENTATIONS	Rubio-Fernández P, Shukla V, <b>Long M</b> , Jallow F, Bialecka-Pikul M, Jara-Ettinger J, 2019. Two cross-linguistic studies on the acquisition of definiteness and Theory of Mind. Talk accepted at the Meaning in Flux Conference, New Haven, CT.  <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 presented at 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.
TEACHING EXPERIENCE	<b>University of Edinburgh, Scotland</b> <i>Guest lecturer</i> <div style="text-align: right;"><b>November, 2018</b></div> <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>
	<p><i>Teaching assistant</i> <span style="float: right;"><b>September, 2016 - April, 2017</b></span></p> <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>
	<p><i>Teaching assistant</i> <span style="float: right;"><b>September, 2015 - April, 2016</b></span></p> <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>
ACADEMIC SERVICE	<p><b>Experimental Pragmatics (XPrag) Conference committee member</b> Reviewed abstracts and assisted with the planning of the conference</p> <p><b>Linguistics Circle committee member</b> Assist in the planning and organisation of the UoE Linguistics department's flagship seminar series</p> <p><b>Co-organiser of society for postdocs in Philosophy, Psychology and Language Sciences</b> Organise workshops for postdocs including advanced statistics and open science best practices</p> <p><b>Language at Edinburgh Lunch committee member</b> 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> Assisted by sending out the call and updating social media</p>
AWARDS	<p><b>Guarantors of Brain Travel Grant</b> Awarded funding to attend 2019 CUNY Conference on Human Sentence Processing</p> <p><b>3 Minute Thesis UK People's Choice Winner</b> 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> Awarded funding on 14 occasions to support fieldwork and conferences</p> <p><b>International Office Principal's Go Abroad Recipient</b> Awarded funding to visit Northwestern University's Psycholinguistics lab</p> <p><b>CUNY Conference on Human Sentence Processing Travel Grant</b> Awarded funding to attend 2017 conference</p> <p><b>Aging and Society Graduate Scholar</b> Awarded funding to attend conference and chair parallel sessions</p>
SELECTED PUBLIC ENGAGEMENT	<p><b>Royal Institution speaker for 'Neuroscience in Society' event</b> Presented PhD research and answered questions from the audience</p>

**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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