

Madeleine Long

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

RESEARCH VISITS

Sinha Lab, Brain and Cognitive Sciences, MIT

Will pilot 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	Sinha Lab, Brain and Cognitive Sciences, MIT Cognitive mechanisms underlying referential choices across the adult lifespan (April, 2019)
PUBLICATIONS	Long M , 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, Long M , 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	Long M , 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) Long M , Shukla V, Rubio-Fernandez P. The development of simile comprehension: from comparison to scalar implicatures. (Manuscript available upon request)
CONFERENCE PRESENTATIONS	Long M , 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. Long M , 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. Long M , 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. Long M , 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. Long M , 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. Long M , 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	University of Edinburgh, Scotland <i>Guest lecturer</i> <div>November, 2018</div> <ul style="list-style-type: none">• Psycholinguistics (MSc/honours lectures on individual differences)

	<p><i>Teaching assistant</i> September, 2017 - April, 2018</p> <ul style="list-style-type: none"> • Critical analysis (pre-honours tutorials, marking) • PPLS writing centre (honours writing support)
	<p><i>Teaching assistant</i> September, 2016 - April, 2017</p> <ul style="list-style-type: none"> • Psychology 1 (pre-honours tutorials, labs, marking) • Second language acquisition (honours tutorials) • Child bilingualism: language and cognition (honours tutorials)
	<p><i>Teaching assistant</i> September, 2015 - April, 2016</p> <ul style="list-style-type: none"> • Second language acquisition (honours tutorials) • First language acquisition (honours tutorials, marking) • Linguistics and English language 1 (pre-honours tutorials, marking)
ACADEMIC SERVICE	<p>Experimental Pragmatics (XPRAG) Conference committee member Reviewed abstracts and will help with the planning of the upcoming conference</p> <p>Linguistics Circle committee member Assist in the planning and organisation of the UoE Linguistics department's flagship seminar series</p> <p>Co-organiser of society for postdocs in Philosophy, Psychology and Language Sciences Organise workshops for postdocs including advanced statistics and open science best practices</p> <p>Language at Edinburgh Lunch committee member Assist in the organisation of bi-monthly meetings to showcase and discuss language-related research</p> <p>Linguistics and English Language 2017 Postgraduate Conference committee member Assisted by sending out the call and updating social media</p>
AWARDS	<p>Guarantors of Brain Travel Grant Awarded funding to attend 2019 CUNY Conference on Human Sentence Processing</p> <p>3 Minute Thesis UK People's Choice Winner Competed against 56 semi-finalists and 6 finalists from UK universities to win People's Choice</p> <p>School of Philosophy, Psychology and Language Sciences Support Grants Awarded funding on 14 occasions to support fieldwork and conferences</p> <p>International Office Principal's Go Abroad Recipient Awarded funding to visit Northwestern University's Psycholinguistics lab</p> <p>CUNY Conference on Human Sentence Processing Travel Grant Awarded funding to attend 2017 conference</p> <p>Aging and Society Graduate Scholar Awarded funding to attend conference and chair parallel sessions</p>
SELECTED PUBLIC ENGAGEMENT	<p>Royal Institution speaker for 'Neuroscience in Society' event 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^AT_EX, 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