

Madeleine Long

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-Fernández

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-Fernández, 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-Fernández (June, 2019)

Psycholinguistics lab at Northwestern University

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

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| INVITED TALKS | Sinha Lab, Brain and Cognitive Sciences, MIT Cognitive mechanisms underlying referential choices across the adult lifespan (April, 2019) |
| PUBLICATIONS | <p>Long M, Vega-Mendoza M, Rohde H, Sorace A, Bak H. (Forthcoming) Understudied factors contributing to variability in cognitive performance related to language learning. <i>Bilingualism: Language and Cognition</i>.</p> <p>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.</p> <p>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.</p> |
| UNDER REVIEW | <p>Long M, Rohde H, Rubio-Fernández P. The pressure to communicate efficiently continues to shape language use later in life.</p> <p>Long M, Shukla V, Rubio-Fernández P. The development of simile comprehension: from comparison to scalar implicatures.</p> <p>Long M, 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.</p> |
| CONFERENCE PRESENTATIONS | <p>Rubio-Fernández P, Shukla V, Long M, Jallow F, Bialecka-Pikul M, Jara-Ettinger J, 2019. Two cross-linguistic studies on the acquisition of definiteness and Theory of Mind. Paper presented at the Meaning in Flux Conference, New Haven, CT.</p> <p>Long M, Rohde H, Oraa Ali M, Rubio-Fernández 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.</p> <p>Long M, Rohde H, Oraa Ali M, Rubio-Fernández 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>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> |
| TEACHING EXPERIENCE | <p>University of Edinburgh, Scotland <i>Guest lecturer</i> November, 2018</p> <ul style="list-style-type: none"> • Psycholinguistics (MSc/honours lectures on individual differences) |

Teaching assistant

September, 2017 - April, 2018

- Critical analysis (pre-honours tutorials, marking)
- PPLS writing centre (honours writing support)

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) 2019 Conference committee member

Reviewed abstracts and assisted with the planning of the conference

Linguistics Circle committee member

Assisted in organising the UoE Linguistics department's flagship seminar series (2017-2019)

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

Organised workshops for postdocs including advanced stats and open science (2018-2019)

Language at Edinburgh Lunch committee member

Assisted in organising bi-monthly meetings to showcase language-related research (2016-2018)

Linguistics and English Language 2017 Postgraduate Conference committee member

Assisted by sending out the call and updating social media

Ad-hoc Reviewing

Journal of Memory and Language

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

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| 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 | | |
| 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 to support fieldwork and conference travel | | |
| | 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 | | |
| LANGUAGES | English (native), Spanish (advanced) | | |
| COMPUTER SKILLS | R, E-Prime, L ^A T _E 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, R-Ladies Oslo | | |
| REFERENCES | Paula Rubio-Fernández 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 |