Madeleine Long

Contact

Dugald Stewart Building

Information

3 Charles St Ln *E-mail:* mlong@ed.ac.uk

Edinburgh, EH8 9AD Website: www.drmlong.github.io

Interests

Psycholinguistics, experimental pragmatics, cognitive ageing, 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

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 Edinburgh, Scotland

Postdoctoral researcher

May, 2018 - present

Linguistic and cognitive factors in effective referential communication (funded by the Research Council of Norway) PI: Paula Rubio-Fernandez, Co-I: Hannah Rohde

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

Research assistant

December, 2016 - May, 2017

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

Publications

Long M, Horton WS, Rohde H, Sorace A., 2018. Individual differences in switching and inhibition predict perspective-taking across the lifespan. Cognition 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. PLoS ONE 11(4):e0153485.

Manuscripts under review **Long M**, Vega-Mendoza M, Rohde H, Sorace A, Bak H. The role of novelty and familiarity in the impact of language learning on cognitive performance.

Manuscripts in Preparation

Long M, Rohde H, Oraa Ali M, Rubio-Fernandez, P. Referential efficiency across adulthood: communicative strategies and cognitive control.

Long M, 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.

Conference Presentations

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.

Media Coverage

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

TEACHING EXPERIENCE

University of Edinburgh, Scotland

Guest lecturer

November, 2018

• 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

Linguistics Circle committee member

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

Language at Edinburgh Lunch committee member

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

Co-organiser of society for postdocs in Philosophy, Psychology and Language Sciences Assist in the planning and organisation of social/career-related events for postdocs

Linguistics and English Language Postgraduate Conference committee member Assisted in the organisation of the 2017 conference by sending out the call/updating social media

Awards

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 fourteen occasions to support fieldwork and conferences

International Office Principal's Go Abroad Recipient

Awarded funding to visit Northwestern University's Psycholinguistics lab

Aging and Society Graduate Scholar

Awarded funding to attend conference and chair parallel sessions

CUNY Conference on Human Sentence Processing Travel Grant

Awarded funding to attend conference

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 speakers and ensure the events ran smoothly

Blog for Taylor and Francis Author Services

Wrote a blog about science communication and overcoming public speaking fears

Blog for PPLS Forward Thinking

Wrote a blog about our Cognition study for a lay audience

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

Vitae UK podcast

Interviewed about the 3 Minute Thesis experience

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

LANGUAGES/ COMPUTER SKILLS

English, Spanish / R, E-Prime, LATEX, JavaScript, HTML/CSS

Membership

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