

Jia Ern Loy

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Current position

Jan 2018 – present **Postdoctoral Research Assistant**, University of Edinburgh, School of Philosophy, Psychology and Language Sciences (PPLS)

- ERC project “The Evolution of Linguistic Complexity”
- Primary Investigator: Dr Kenny Smith

Introduction to Cognitive Science guest lecturer (Oct–Nov 2018), University of Edinburgh (PPLS)

- Undergraduate Python course
- Lecture topics: functions, loops, conditions, focusing on the use of Python in Cognitive Science

Experience

Sept 2017 – Dec 2017 **Introduction to Programming teaching assistant**, University of Edinburgh (PPLS), United Kingdom

- Undergraduate and postgraduate introductory Python course
- Topics: variables, sequences, booleans, functions, control structures

Sept 2016 – Dec 2017 **Research Methods and Statistics lab tutor**, University of Edinburgh (PPLS), United Kingdom

- Undergraduate statistics in R course
- Topics: data processing and visualisation, ANOVA, mixed effects regression, factor analysis

Sept 2015 – Dec 2017 **Introduction to Cognitive Science lab tutor**, University of Edinburgh (PPLS), United Kingdom

- Undergraduate Python course
- Topics: sequences, booleans, functions, control structures, simulations, classes
- Additional tasks: Content planning, assignment design

May 2017 – July 2017 **Research assistant**, Dr Chris Cummins, University of Edinburgh (PPLS), United Kingdom

- Experimental design, data collection, transcription and analysis for linguistics research project

Nov 2016 – Jun 2017 **PPLS writing centre tutor**, University of Edinburgh (PPLS), United Kingdom

- Academic writing consultation sessions to 3rd and 4th-year undergraduate students

Aug 2010 – July 2013 **Assistant Language Teacher (ALT) with the Japan Exchange and Teaching (JET) programme**, Matsuyama City Board of Education, Japan

- English as a Second Language (ESL) teacher at elementary and junior high school level
- ESL coach to adult/advanced English speakers

Education

- Sept 2014 – Dec 2017 **PhD Psychology**, University of Edinburgh
- Thesis: Investigating the effect of a speaker’s manner of delivery on listeners’ on-line pragmatic inferences
 - Supervisors: Dr Martin Corley, Dr Hannah Rohde
- Sept 2013 – Aug 2014 **MSc Applied Linguistics** (distinction), University of Edinburgh
- Dissertation: Investigation of filled pause production in L1 and L2 speakers during task-based communication
 - Supervisors: Dr Lauren Hall-Lew, Dr Martin Corley
- Sept 2007 – Jun 2010 **BA English literature and creative writing** (1st class), University of Warwick

Publications

- Loy, J. E., Rohde, H., & Corley, M. (2018) Cues to lying may be deceptive: Speaker and listener behavior in an interactive lying game. *Journal of Cognitive Science*, 1(1), 42. doi: 10.5334/joc.46
- King, J. P., Loy, J. E., Corley, M. (2017). Contextual effects on online pragmatic inferences of deception. *Discourse Processes*. doi: 10.1080/0163853X.2017.1330041
- Loy, J. E., Rohde, H., & Corley, M. (2016). Effects of Disfluency in Online Interpretation of Deception. *Cognitive Science*. doi: 10.1111/cogs.12378

Presentations and proceedings

- Loy, J. E., Rohde, H. & Corley, M. (2016). Lying about where the treasure lies: Pragmatic cues to deception in production and comprehension. Poster at the 22nd AMLaP conference. Bilbao, Spain.
- Loy, J., Rohde, H. & Corley, M. (2016). Lying, in a manner of speaking. *Proceedings of Speech Prosody 8*, 984–988. Boston, MA.
- Loy, J. E., Rohde, H. & Corley, M. (2015). The truth about lying: Pragmatic judgements about speaker reliability are made online. Talk at the 21st AMLaP conference. Malta.

Scholarships/awards

- June 2017 University of Edinburgh, PPLS-Gray Publication Prize for manuscript “Cues to deception may be deceptive: Speaker and listener behavior in an interactive lying game”
- Sept 2014 – Aug 2017 University of Edinburgh, College of Humanites and Social Sciences PhD studentship
- October 2014 University of Edinburgh, PPLS Highly Commended Dissertaton Award for MSc dissertaton

Skills

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| Programming | Python (proficient; 4+ years), R (proficient; 5+ years), LaTeX (good; 4+ years), HTML/CSS, JavaScript (functional; 2+ years) |
| Data/statistics | Processing, Visualisation, Interpretation
Null hypothesis testing, Information-theoretic based modelling, Multilevel modelling, Time series analysis |
| Languages | English, Mandarin Chinese, Japanese (JLPT level 3) |
| Software | OpenSesame, Praat, ELAN, WordSmith tools |
| Experimental methods | Eyetracking (SR, Eyetribe), Mousetracking (Python) |