

Ryan M. C. Law

MRC Cognition and Brain Sciences Unit
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Education

PhD in Medical Science 2022 – present

MRC Cognition and Brain Sciences Unit, University of Cambridge, UK
Supervisor: Dr Olaf Hauk & Prof Matt Lambon-Ralph

MSc in Cognitive Neuroscience (Research) Feb 2021 – Sep 2022

Donders Institute for Brain, Cognition and Behaviour, Radboud University, the Netherlands
Supervisors: Dr Hugo Weissbart & Dr Andrea E. Martin

BA in Linguistics 2015 – 2018

University College London, UK
Supervisor: Dr Wing Yee Chow

Research positions

Language and Computation in Neural Systems Group 2020 – 2022

Max Planck Institute for Psycholinguistics, the Netherlands
Position: Research project coordinator
Supervisor: Dr Hugo Weissbart & Dr Andrea E. Martin

Cognitive Neuromodulation Lab 2022

Radboud University, the Netherlands
Position: Lab rotation student
Supervisors: Soha Farboud & Dr Lennart Verhagen

Neurobiology of Language Department 2021–2022

Radboud University, the Netherlands
Position: Lab rotation student
Supervisor: Dr Laura Giglio & Prof Peter Hagoort

NYU Neuroscience of Language Lab 2018 – 2020

New York University Abu Dhabi, UAE
Position: Research assistant 2018 – 2020
Supervisor: Prof Liina Pylkkänen

Harvard Laboratory for Developmental Studies 2017

Harvard University, USA

Position: Research intern

Supervisors: Dr Tanya Levari & Prof Jesse Snedeker

UCL Psycholinguistics Lab

2016 – 2018

University College London, UK

Position: Undergraduate research assistant & dissertation student

Supervisor: Dr Caterina Paolazzi & Dr Wing Yee Chow

UCL Experimental Pragmatics Lab

2017

University College London, UK

Position: Undergraduate research assistant

Supervisor: Dr Sun Chao & Prof Richard Breheny

Publications

Law, R., Pylkkänen, L. (2021). Lists with and without syntax: A new approach to measuring the neural processing of syntax. *Journal of Neuroscience*. DOI: [10.1523/JNEUROSCI.1179-20.2021](https://doi.org/10.1523/JNEUROSCI.1179-20.2021)

Tulling, M., **Law, R.**, Cournane, A., Pylkkänen, L. (2020). Neural correlates of modal displacement and discourse-updating under (un)certainly. *eNeuro*. DOI: [10.1523/ENEURO.0290-20.2020](https://doi.org/10.1523/ENEURO.0290-20.2020)

Slide presentations

Law, R., Weissbart, H., Martin, A.E., (2022, May). Decoding composition during natural listening. Slide presentation at the Radboud University Cognitive Neuroscience Conference Synapsium. Nijmegen, the Netherlands.

Law, R., Kaufeld, G., Bosker, H.R., Martin, A.E., (2021, September). Cortical tracking of linguistic units at different rates. Slide slam at 13th Annual Meeting of the Society for the Neurobiology of Language Virtual Edition.

Law, R., Pylkkänen, L. (2020, May). Lists with and without syntax: Neural correlates of syntactic structure. Data blitz presentation at the CNS 2020 Virtual Meeting.

Law, R., Pylkkänen, L. (2019, April). Neural correlates of syntactic structure: MEG study using lists. Presentation at the Neuroscience of Language Conference 2019. Abu Dhabi, UAE.

Law, R., Arkhipova, Y., Chow, W.Y. (2018, March). Tracking expectation reversal during discourse comprehension using EEG. Presentation at the Faculty of Brain Sciences Fifth Annual Undergraduate Conference. London, UK.

Poster presentations

Law, R., Weissbart, H., Martin, A.E., (2022, June). Decoding composition during natural listening. Poster presentation at the International Max Planck Research School Conference: Interdisciplinary Approaches to the Language Sciences. Nijmegen, the Netherlands.

Law, R., Kaufeld, G., Bosker, H.R., Martin, A.E., (2022, April). Cortical tracking of linguistic units at different rates. Poster presentation at the 18th NVP Winter Conference on Brain and Cognition. Egmond aan Zee, the Netherlands.

Law, R., Pylkkänen, L. (2020, June). Lists with and without syntax: Neural correlates of syntactic structure. Virtual poster presentation at the International Max Planck Research School Conference: Interdisciplinary Approaches to the Language Sciences.

Law, R., Pylkkänen, L. (2020, May). Lists with and without syntax: Neural correlates of syntactic structure. Poster presentation at the CNS 2020 Virtual Meeting.

Law, R., Pylkkänen, L. (2019, October). Poster accepted at the International Brain and Syntax Think Tank 2019. Evanston, USA.

Arkipova, Y., Sostarics, T., **Law, R.**, Xiang, M., Chow, W.Y. (2019, September). ‘Nonetheless’ can reverse predictions immediately: evidence from ERPs. Poster presented at the 25th Architectures and Mechanisms of Language Processing Conference. Moscow, Russia.

Law, R., Pylkkänen, L. (2019, August). Lists with and without syntax: MEG effects of syntactic composition when local conceptual combination is controlled. Poster presented at the 11th Annual Meeting of the Society for the Neurobiology of Language. Helsinki, Finland.

Tulling, M., **Law, R.**, Cournane, A., Pylkkänen, L. (2019, August). Discourse belief updating in the right hemisphere. Poster presented at the 11th Annual Meeting of the Society for the Neurobiology of Language. Helsinki, Finland.

Arkipova, Y., **Law, R.**, Xiang, M., Chow, W.Y. (2019, March). ‘Nonetheless’ can reverse predictions immediately: evidence from ERPs. Poster presented at the 32nd Annual CUNY Human Sentence Processing Conference. Boulder, USA.

Teaching

Guest lecturer, Dartmouth College, USA

2020

Psycholinguistics

Service

Reviewer

Ad-hoc

Language, Cognition, and Neuroscience, Journal of Psycholinguistic Research

Skills

Programming languages Python (4.5 years)
Experience in R, MATLAB, HTML/CSS, JavaScript

Natural languages English • Mandarin • Malay • Cantonese • Teochew • Hokkien • Dutch