

Jen Lewendon


Cognitive Neuroscience/Sociolinguistics




<https://j-lewen.github.io/>

PROFILE

My research interests lie at the intersection of cognitive neuroscience, linguistics, and social psychology, with a specific focus on unraveling the intricacies of speech processing beyond the purely linguistic content. Moreover, I am deeply intrigued by the complexities of bi-/multilingualism and the cognitive mechanisms that underpin language activation and interaction in individuals proficient in multiple languages. Through my work, I am also dedicated to advancing our understanding of language-related ERP as a methodology, and improvements in research, reporting, and reliability in the field.

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 Abu Dhabi, UAE

 UK Citizen

EDUCATION

- | | |
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| 01/09/2016 10/01/2020 Bangor, Wales | Cognitive Neuroscience – Bilingualism (PhD) Bangor University: Psychology Dept. Thesis: <i>Two languages, one mind: How accent and lexical stress modulate bilingual language activation.</i> Supervised by Prof. Guillaume Thierry. |
| 01/09/2015 01/09/2016 Warwick, UK | Public Health – Epidemiology (PGDip) Warwick University: Warwick Medical School Grade: Distinction. |
| 01/09/2014 01/09/2015 Wolves, UK | Education (PGCE) Wolverhampton University – Education Dept. Grade: Good |
| 01/09/2011 01/09/2014 Bangor, Wales | English Language & Linguistics (BA) Bangor University: Linguistics Dept. Grade: First Class (Hons) |

EMPLOYMENT

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| 01/03/2023 To-date Abu Dhabi, UAE | New York University (AD) Postdoctoral Fellow (2-year fellowship) Project: <i>Social Cognition & its Electrophysiological Correlates.</i> |
| 01/10/2022 01/03/2023 Hong Kong | Hong Kong University Temporary Lecturer Role: Course creation, delivery & assessment for Research Methods & Statistics (Speech- Language Pathology BSc 2 nd year). |
| 01/04/2021 01/03/2023 Hong Kong | Hong Kong Polytechnic University Postdoctoral Fellow (2-year award) Project: <i>The Phonological Mapping Negativity: Authenticity, & functional sensitivity.</i> |

RESEARCH GRANTS

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| 2023 Co-I | Hong Kong Polytechnic General Research Fund HKD \$250,000 |
| 2021 Co-I | Hong Kong Polytechnic International Collaboration Fund HKD \$146,525 |
| 2019 PI | Santander Mobility Grant GBP £1000 |
| 2019 PI | Economic & Social Research Council Fieldwork Grant GBP £2270 |

PUBLICATIONS

In prep

Lewendon, J., Lin, J., Politzer-Ahles, S.J. (in prep¹) Unconscious categorisation of L2 concepts may be based on the native semantic network, Targeted journal: *PNAS*.

Lewendon, J., Britton, J., Yao, Y., Politzer-Ahles, S.J. (in prep) Neurotypical integration of speaker characteristics: how does the timeline of pragmatic mapping unfold? Targeted journal: *Psychophysiology*.

Lewendon, J., Egan, C., Politzer-Ahles, S.J. (ongoing¹) A systematic approach to ERP methodological quality assessment: the Event-Related Potential Quality Assessment List.

Under review

Lewendon, J., Britton, J., Politzer-Ahles, S.J. (under review) The ‘Phonological?’ Mapping Negativity – language specificity of auditory ERP responses. *PLOS ONE*.

Vari, J., **Lewendon, J.** (under review) Studying implicit automatic language attitudes: Methodological challenges of the Affective Priming Paradigm. *Language & Communication*.

Published

Lewendon, J. (2023). ERP Training Resources. <https://j-lewen.github.io/erp/>.

Lewendon, J., Britton, J., Politzer-Ahles, S.J. (2023) The MMN by another name? Exploring the assumed autonomy of the Phonological Mapping (Mismatch) Negativity. *Language Cognition and Neuroscience*.

Lewendon, J., Mortimore, L., & Egan, C. (2020). The phonological mapping (mismatch) negativity: History, inconsistency, and future direction. *Frontiers in Psychology*, *11*, 1967.

Lewendon, J., Foltz, A., & Thierry, G. (2020). Electrophysiological Differentiation of the Effects of Stress and Accent on Lexical Integration in Highly Fluent Bilinguals. *Brain Sciences*, *10*(2), 113.

Lewendon, J. Xu, C., & Yao, Y. (accepted) Processing gender-related stereotypical violations in spoken sentences of Mandarin Chinese. *Linguistic Society of America (LSA)*, New York.

Lewendon, J., Lin, J., Politzer-Ahles, S.J. (2023) Unconscious categorisation of L2 concepts may be based on the native semantic network. *The European Society for Cognitive Psychology (ESCOP)*, Portugal.

Lewendon, J., Egan, C., & Politzer-Ahles, S.J. (2022). The Event-Related Potential Quality Assessment List (EQuAL): a framework for systematic review and meta-analyses. *Cognitive Neuroscience Annual Meeting (CNS)*, San Francisco.

Lewendon, J., Egan, C., & Politzer-Ahles, S.J. (2021). Developing a tool for systematic review of ERP literature. *Language Neurobiology Group*, Hong Kong Polytechnic University.

Maquate, K., Schlieve, K., **Lewendon, J.**, & Knoeferle, P. (2020) Lexical versus compositional World-Language Relations: Event-Related Brain Potential effects during Second Language Processing *33rd Annual CUNY Human Sentence Processing Conference*. Massachusetts, USA.

Maquate, K., Schlieve, K., **Lewendon, J.**, & Knoeferle, P. (2020) *Event-related brain potential effects of actions and role relations during second language picture-sentence verification*. *Cognitive Neuroscience Society (CNS)*. Boston, USA.

Lewendon, J., Foltz, A., & Thierry, G. (2019). *Accent and Bilingualism*. Language, Literatures & Linguistics Research Series. University of Bangor.

Lewendon, J., Foltz, A., & Thierry, G. (2019). The role of native accent in unconscious L1 access. Humboldt-Universität zu Berlin, Dept. of German Studies and Linguistics, Berlin.

Lewendon, J., Foltz, A., & Thierry, G. (2018). Does stress close the language gate? Inhibition of unconscious L1 activation. *24th Annual AMLaP Conference*, Berlin, Germany.

Lewendon, J., Foltz, A., & Thierry, G. (2018). Lexical stress and unconscious L1 activation. *Cognitive Neuroscience of Second and Artificial Language Learning*, Bangor, UK.

Lewendon, J., Foltz, A., & Thierry, G. (2018) Stress & accent within an integrated lexicon: Influences on implicit priming. *Phonetics Group & Laboratory*. University of Zurich, Switzerland.

CONFERENCES & TALKS

1

Manuscript
available on
request

TEACHING ACTIVITIES

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|--|---|
| 01/10/2022 01/03/2023 Hong Kong University | Research Methods & Statistics Speech-Language pathology BSc (2 nd year) Role: Course creation, delivery & assessment |
| 01/09/2020 01/01/2021 Bangor University | Brain & Language Psychology BSc (3 rd year) Role: Course delivery |
| 01/09/2020 01/02/2021 Bangor University | Language Impairments & Bilingualism Linguistics MA/MSc Role: Course creation, delivery & assessment |
| 01/01/2019 01/05/2019 Bangor University | Sounds & Sound systems Linguistics BA (2 nd year) Role: seminar/tutorial delivery |
| 01/09/2018 01/01/2018 Bangor University | Brain & Mind Psychology BSc (1 st year) Role: Practical anatomy lead |
| 01/01/2017 01/05/2017 Bangor University | Meaning & Mind Linguistics BA (2 nd year) Role: Course co-creation, delivery & assessment |
| 01/01/2016 01/05/2016 Bangor University | Introduction to Linguistics Linguistics BA (1 st year) Role: Course co-delivery & assessment |

SERVICES TO THE ACADEMIC COMMUNITY

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| Ad-hoc Reviewing | Journal of Language & Conflict Journal of Psychology & Sexuality |
| Editorial Board | Social Psychological Bulletin. Special Issue: <i>The gendered language (r)evolution: new insights into the interaction between gender and language.</i> |
| Podcasts & Articles | Moving laboratory: Science during the pandemic. (2022). Nature Careers. https:// www.nature.com/articles/d41586-022-04396-8 Lewendon, J. (2021) Trapped in a hotel room: my scientific life in the pandemic. Nature, 600(7889), 559-560. |
| Conference Organization Committee | Cognitive Neuroscience of Second and Artificial Language Learning Conference (2019). Bangor University, UK. 3 rd bi-annual Second Language Prosody Workshop (2017). Bangor University, UK. |

STUDENT SUPERVISION

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| Postgraduate | First supervision – Wang Masie – MA Linguistics – Bangor University - 2019-2020 Joint supervision – Jonathan Culkin – MA Linguistics – Bangor University - 2019-2020 |
| Undergraduate | Joint supervision – Xu Chenxi – BA Language and Speech Sciences – PolyU - 2022-2023 Joint supervision – Ju Tianqi – BA Language and Speech Sciences – PolyU - 2022-2023 |