

# 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

01/09/2016

10/01/2020

Bangor, Wales

### Cognitive Neuroscience – Bilingualism (PhD)

Bangor University: Psychology Dept.

**Thesis:** *Two languages, one mind: How accent and lexical stress modulate bilingual language activation.* 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

01/03/2023

To-date

Abu Dhabi, UAE

### New York University (AD)

Postdoctoral Fellow (2-year fellowship)

**Project:** *Social Cognition & its Electrophysiological Correlates.*

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<sup>nd</sup> year).

01/04/2021

01/03/2023

Hong Kong

### Hong Kong Polytechnic University

Postdoctoral Fellow (2-year award)

**Project:** *The Phonological Mapping Negativity: Authenticity, & functional sensitivity.*

## RESEARCH GRANTS

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 prep<sup>1</sup>) 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. (ongoing<sup>1</sup>) 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.

## CONFERENCES & TALKS

**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., Schlieuwe, 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., Schlieuwe, 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.

## TEACHING ACTIVITIES

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

## SERVICES TO THE ACADEMIC COMMUNITY

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

## STUDENT SUPERVISION

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