Dr. Jennifer Lewendon

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

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RESEARCH INTERESTS

My research interests span cognitive neuroscience investigations into speech processing (particularly that of linguistic and social information), the development of functional and neurobiological accounts of language-related ERP components, and bi-/multilingualism.

EDUCATION

2016 – 2020   **Cognitive Neuroscience – Bilingualism (PhD)**
Bangor University,
Supervised by Professor Guillaume Thierry, Dr. Anouschka Foltz,
Thesis: *Two languages, one mind: How accent and lexical stress modulate bilingual language activation.*

2015 – 2016   **Public Health (PGDip)**
Warwick University: Warwick Medical School
Grade: Distinction

2014 – 2015   **Postgraduate Certificate in Education (PGCE)**
Wolverhampton University
Grade: Good

2011 – 2014   **English Language and Linguistics (BA)**
Bangor University: School of Linguistics and English Language
Grade: First class (Hons)

EMPLOYMENT

Postdoctoral Fellow
New York University Abu Dhabi   May 2023 – to date

- *Social Cognition & its Electrophysiological Correlates.*
  Description: Postdoctoral fellowship (2-year fellowship).

Temporary Lecturer   Oct. 2022 – May 2023
Hong Kong University

- Module development and co-ordination of the *Research Methods & Statistics* course Speech-Language Pathology BSc.

Postdoctoral Fellow   April 2021 – May 2023
Hong Kong Polytechnic University

- *The Phonological Mapping Negativity: Authenticity, & functional sensitivity.*
  Description: Postdoctoral fellowship (2-year award).

Postgraduate Research Assistant   May 2020 – May 2021
Bangor University

- *COVID-19: Identifying the best remote teaching methods for children with and without literacy difficulties.*
  Description: RA role including data collection and co-ordination/provision of interventions including literacy training and assessment

Visiting Researcher   Jan. 2019 – June 2019
Humboldt-Universität Berlin

- *Verification-related processes: Similarities in L1 and L2 language processing?*
  Description: ERP data acquisition, data processing & conference poster contributions.

PUBLISHED WORK

- Lewendon, J. (2023). ERP Training Resources. https://j-lewen.github.io/erp/.
- Lewendon, J., Lin, J., Politzer-Ahles, S.J. (Submitted) Unconscious categorisation of L2 concepts may be based on the native semantic network, *PNAS*.
- 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.*
- Lewendon, J., Egan, C., Politzer-Ahles, S.J. (under review) A systematic approach to ERP methodological quality assessment: the Event-Related Potential Quality Assessment List. *Psychophysiology.*
- Lewendon, J., Britton, J., Poliltzer-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.

TEACHING ACTIVITIES

Module development & delivery:
- Research Methods & Statistics, 2nd year course, Hong Kong University, 2022
- Brain & Language. 3rd year course, Bangor University, 2020
- Language Impairments & Bilingualism. MA course, Bangor University, 2020
- Statistics & Research Methods, 2nd year course, Hong Kong University, 2022
- Introduction to Linguistics. 1st year course, Bangor University, 2016
- Meaning and Mind. 2nd year course, Bangor University, 2017
- Brain and Mind, 3rd year course. Bangor University, 2018 (practical anatomy lead)
- Sounds and Sound Systems. 2nd year course, Bangor University, 2019

RESEARCH GRANTS

- PolyU General Research Fund (HKD$250,000) - Co-I- 2023
- PolyU International Collaboration Funding Scheme (HKD$146,525) - Co-I -2021
- Santander Mobility Grant (£1000) – PI – 2019
- Economic & Social Research Council Fieldwork Grant (£2270) – PI – 2019

STUDENT SUPERVISION

- Joint supervisor – Xu Chenxi – BA Language and Speech Sciences – 2022-to-date
- First supervisor –Wang Masie – MA Linguistics – 2019-2020
- Joint supervisor – Jonathan Culkin – MA Linguistics – 2019-2020
- Joint supervisor – Nicky Jones – RA internship – 2019-2020

CONFERENCES & INVITED TALKS

- Lewendon, J., Lin, J., Politzer-Ahles, S.J. (accepted) 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., Schliewe, 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., Schliewe, K., **Lewendon, J**., & Knoeferle, P. (2020) *Event-related brain potent 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.

TRAINING AND SKILLS

- ERP acquisition (Biosemi; ActiCHamp; Neuroscan, Curry), pre-processing, & measurement (Brain Vision Analyser, Scan4, MATLAB, ERPLab)
- Transcranial Magnetic Stimulation (TMS)
- Eye-tracking
- Statistical analysis (Jamovi, SPSS, MATLAB, Fieldtrip,R)
- Experiment programming software (E-Prime, Open Sesame, Presentation)

SERVICES TO THE PROFESSIONAL COMMUNITY

Adhoc Reviewing
- Journal of Language & Conflict
- Nature, Human Behaviour
- Journal of Psychology & Sexuality

Editorial board: Special Issue
- Journal of Language & Conflict
- Nature, Human Behaviour

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 Organisation:
- Cognitive Neuroscience of Second and Artificial Language Learning Conference. Reviewer & Organiser (Bangor University, 2019).
- 3rd bi-annual Second Language Prosody Workshop. Reviewer & Organiser (Bangor University, 2017)