

Ellise Suffill, Ph.D.

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2024

PROFESSIONAL & UNIVERSITY SERVICES

- 2021- **Research Associate, University of Vienna** – As part of EU project ZeroPM: Discovering critical knowledge gaps in non-experts understanding of risks associated with persistent, mobile and toxic (PMT) chemicals, through a mental model approach. Using background in Communication Psychology to design and test best practice labels and messaging for specific groups pertaining to PMT risks. PIs: Prof. Sabine Pahl, Dr Mat White.
- 2019-2021 **Research Associate, University of Wisconsin-Madison** - Designing and conducting research on effects of language and labelling on human behaviour with children and adults; managing student research and projects. Additionally involved with Centre for Human Performance Risk Analysis, examining how humans and machines differ in their ways to solve problems, with the aim of understanding bias in machine learning algorithms. PIs: Prof. Haley Vlach, Prof. Gary Lupyan.
- 2018-2019 **Research Assistant, University of Edinburgh** - Collecting and analyzing NIRS data for language processing in adults and infants in the Wee Science lab. Implementation and collection of EEG data with adults and children in goal and error processing. PIs: Dr Hugh Rabagliati, Dr Lauren Hadley.
- 2017-2018 **Research Assistant, ATHEME, University of Edinburgh** - Providing methodological and statistical support to researchers on the project; conducting research related to cross-culture interactions. PI: Prof. Holly Branigan.
- 2015-2018 **Athena SWAN SAT, University of Edinburgh** - Psychology student representative for departmental silver and school-level bronze awards.
- 2014-2018 **Bilingualism Matters, University of Edinburgh** - Research representative for public dissemination events.
- 2014-2015 **Language at Edinburgh, University of Edinburgh** - Committee member.

EDUCATION

- 2014-2018 **PhD in Psychology, UNIVERSITY OF EDINBURGH**
Thesis Title: The role of labelling and interaction in the development of linguistic category coherence. Supervisors: Prof. Martin Pickering, Prof. Holly Branigan, Prof. Antonella Sorace. Viva date: 25/10/2018.
- 2013-2014 **MSc Cognitive Neuroscience, UNIVERSITY OF YORK** (Pass with Distinction)
Dissertation Title: The Neural Correlates of Event Duration and Imageability Processing in Sentence Comprehension. Supervisor: Prof. Silvia Gennari.
- 2010-2013 **BSc (Hons) Psychology with Linguistics, KINGSTON UNIVERSITY** (First Class)
Dissertation Title: Eye-tracking of socially ambiguous scenes of bullying and social aggression. Supervisors: Dr. Sabira Mannan, Dr. Muthanna Samara.

TEACHING & TUTORING EXPERIENCE

2021-	Managing research projects associated with ZeroPM at both undergraduate and masters level (University of Vienna).
2019-2021	Managing research projects with undergraduate researchers (UW-Madison).
2017-2018	Statistics in R tutor: Research methods and statistics with R (University of Edinburgh).
2017-2018	Python tutor: Introduction to Computer Programming; Intermediate Python (University of Edinburgh).
2016-2018	PPLS Writing Centre tutor and running of Psychology of Writing workshops (University of Edinburgh).
2015-2018	Psychology Tutor: Introduction to Psychology; lead tutor on Language lab (University of Edinburgh).

EXPERIMENTAL & STATISTICAL SKILLS

Methods: Behavioural (in-lab & online), Survey, Eye-tracking, fMRI, FNIRS, EEG.

Programming: Python, OpenSesame, PsychoPy, jsPsych; E-Prime; Labvanced.

Analysis: R, SPSS, MatLab, FSL (fMRI), Homer2 (fNIRS).

Open science: Scripts/outputs available on OSF (osf.io/57agn).

GRANTS & SCHOLARSHIPS

2024	RIVM funding for Rapid Review of Essential Use Concept	€30000
2016	Grindley Grant, Experimental Psychology Society	£500
2014-2018	University of Edinburgh Research Support Grants (x8)	£4000
2014	European Commission Bursary, AThEME project	£52470

PAPERS & MANUSCRIPTS

Published:

Suffill, E., White, M. P., Hale, S., & Pahl, S. (2024). Regulating “forever chemicals”: social data are necessary for the successful implementation of the essential use concept. *Environmental Sciences Europe*, 36(1), 111.

Suffill, E., van Paridon, J., & Lupyan, G. (2024). Mind Melds: Verbal labels induce greater representational alignment. *Open Mind*, 8, 950-971.

Suffill, E., Schonberg, C., Vlach, H., & Lupyan., G. (2022). Children’s knowledge of superordinate words predicts subsequent inductive reasoning. *Journal of Experimental Child Psychology*, 221, 105449.

Suffill, E., Kutasi, T., Pickering, M. J., & Branigan, H. P. (2021). Lexical alignment is affected by addressee but not speaker nativeness. *Bilingualism: Language and Cognition*, 1-12.

Suffill, E., Branigan, H., & Pickering, M. (2019). Novel labels increase category coherence, but only when people have the goal to coordinate. *Cognitive Science*, 43(11), e12796.

Kutasi, T.*, **Suffill, E.***, Gibb, C., Sorace, A., Pickering, M., & Branigan, H. (2018). Shared representation of passives across Scottish Gaelic and English: Evidence from structural priming, *Journal of Cultural Cognitive Science*, 1-8. (*denotes joint first authors).

In prep:

Suffill, E., Hoerberg, S., White, M. P., Hale, S., & Pahl, S. (in prep). Using mental models to understand expert and non-expert perceptions of PFAS and its essentiality in everyday items.

- Suffill, E.,** Vaupotic, N., Schloesser, J., White, M. P., Hale, S., & Pahl, S. (in prep). How persistent, mobile and toxic characteristics influence consumer perceptions of everyday products.
- Hoerberg, S., **Suffill, E.,** White, M. P., Heinrich, L., Mileva, T., Knoebel, B., & Pahl, S. (in prep). Shop and Detox: Assessing effects of labels, values and emotions on willingness to buy clothing with less PFAS.
- Wala, A., Petermandl, J., **Suffill, E.,** Pahl, S., Hale, S., White, M. P., de Blaeij, A., & Gabbert, S. (in prep). Making sense of essentiality: A rapid review of possible concepts and approaches to specify 'essential use' definitions.

CONFERENCE PROCEEDINGS

- Suffill, E.,** van Peridon, J., & Lupyan, G. (2022). Verbal labels increase conceptual alignment. Proceedings of Joint Conference on Language Evolution (pp. 691-698).
- Suffill, E.,** White, M., & Pahl, S. (2022). Forever chemicals: Heterogeneity in expert's beliefs about PFAS and what to do about it. Proceedings of Society for Risk Analysis – Europe.
- Suffill, E.,** & Lupyan, G. (2020). Verbal labels promote representational alignment in the absence of communication. Proceedings of the 42nd Annual Meeting of the Cognitive Science Society (pp. 3101-3107).
- Zettersten, M., **Suffill, E.,** & Lupyan, G (2020). Nameability predicts subjective and objective measures of visual similarity. Proceedings of the 42nd Annual Meeting of the Cognitive Science Society (pp. 787-793).
- Suffill, E.,** Branigan, H., & Pickering, M. (2018). Novel labels increase category coherence, but only in contexts that promote alignment. 24th Architectures and Mechanisms of Language Processing (p. 81).
- Suffill, E.,** Branigan, H., & Pickering, M. (2017). Interaction in L2 does not produce more L1-like categories (but goal-orientated interaction might). 23rd Architectures and Mechanisms of Language Processing (p. 212).
- Suffill, E.,** Branigan, H., & Pickering, M. (2016, August). When the Words Don't Matter: Arbitrary labels improve categorical alignment through the anchoring of categories. Proceedings of 38th Annual Meeting of the Cognitive Science Society (pp. 100-106).
- Gibb, C., **Suffill, E.,** Pickering, M. J., & Branigan, H. P. (2015). Priming the passive construction from Scottish Gaelic to English. 21st Architectures and Mechanisms of Language Processing (p. 50).

SPECIAL SESSIONS

- SETAC Europe 33rd Annual Meeting, Dublin (2024).** Chair of special session on: Preventing harmful chemicals from entering the environment: The role of risk perception and communication.
- 57th Congress of the European Toxicologists and European Societies of Toxicology, Ljubljana (2023).** Presenter & panel member for CEC 04: Risk perception and risk communication of chemical substances.
- British Psychological Society, Scottish UG conference, Edinburgh (2017).** Session chair and abstract reviewer for the conference.

PRESENTATIONS

- Suffill, E.,** White, M., & Pahl, S. (October, 2022). Practical considerations for applying the EUC in the case of PFAS. 10th NeRSAP meeting, CEFIC (Brussels, Belgium).

- Suffill, E., White, M., & Pahl, S.** (September, 2022). Essential to me, essential to you? Heterogeneity in essential use definitions as a barrier to reducing PFAS pollution. Radboud Symposium on Climate Sustainability (Nijmegen, The Netherlands).
- Suffill, E., White, M., & Pahl, S.** (September, 2022). The devil we (don't) know? Expert and non-expert perceptions of PFAS risks and benefits. Austrian Environmental Network 2022 (Vienna, Austria).
- Suffill, E., van Peridon, J., & Lupyan, G.** (September, 2022). Verbal labels increase conceptual alignment. Proceedings of Joint Conference on Language Evolution (Kanazawa, Japan).
- Suffill, E., White, M., & Pahl, S.** (June, 2022). Forever chemicals: Heterogeneity in expert's beliefs about PFAS and what to do about it. Society for Risk Analysis – Europe (Novi Sad, Serbia).
- Suffill, E., White, M., & Pahl, S.** (April, 2022). ZeroPM: Understanding differences in expert and non-expert models of Forever Chemicals (exhibition). Science Advice Under Pressure (Brussels, Belgium).
- Suffill, E., & Vlach, H.** (April, 2021). When does it stop being blue? Children's and adults' categorization of color categories. Poster presented at SRCD 2021 Biennial Meeting (virtual meeting).
- Suffill, E., & Lupyan, G.** (August, 2020). Verbal labels promote representational alignment in the absence of communication. Poster presented at Proceedings of the 42nd Annual Meeting of the Cognitive (virtual meeting).
- Suffill, E., Branigan, H., & Pickering, M.** (2018, September). Novel labels increase category coherence, but only in contexts that promote alignment. Poster presented at 24th Architectures and Mechanisms of Language Processing (Berlin, Germany).
- Suffill, E., Branigan, H., & Pickering, M.** (2017, September). Interaction in L2 does not produce more L1-like categories (but goal-orientated interaction might). Poster presented at 23rd Architectures and Mechanisms of Language Processing (Lancaster, UK).
- Suffill, E., Branigan, H., & Pickering, M.** (2017, July). Speaking in English, sorting in Chinese: Interaction in L2 can reinforce existing categories in L1. Poster presented at Proceedings of the 39th Annual Meeting of the Cognitive Science Society (London, UK).
- Suffill, E., Branigan, H., & Pickering, M.** (2016, August). When the Words Don't Matter: Arbitrary labels improve categorical alignment through the anchoring of categories. Oral presentation at Proceedings of 38th Annual Meeting of the Cognitive Science Society (Philadelphia, USA).

PEER REVIEW

Cognitive Science (<https://onlinelibrary.wiley.com/journal/15516709>)

Motivation & Emotion (<https://link.springer.com/journal/11031>)

Language & Speech (<https://journals.sagepub.com/home/las>)

Journal of Neurolinguistics (<https://www.sciencedirect.com/journal/journal-of-neurolinguistics>)