Aislinn Keogh

✉ aislinn.keogh@ed.ac.uk　　🌐 https://aislinnkeogh.github.io　　⌾ aislinnkeogh

Education

2023	**Visiting Scholar**
	University of Wisconsin-Madison, USA
	• 6-week research visit with Professor Gary Lupyan in the Department of Psychology
2021 – present	**PhD in Linguistics and English Language**
	Centre for Language Evolution, University of Edinburgh, UK
	• Working title: *Language production, working memory, and the evolution of linguistic structure*
	• Supervisors: Professors Jennifer Culbertson and Simon Kirby
2020 – 2021	**MSc with Distinction in Evolution of Language and Cognition**
	University of Edinburgh, UK
	• Dissertation: *Do memory limitations provide a selective pressure for languages to develop compositional structure? An experimental investigation*
	• Supervisor: Professor Simon Kirby
2010 – 2013	**BA with First Class Honours in Linguistics**
	Newcastle University, UK
	• Dissertation: *An evolutionary perspective on the role of memory in language processing and production*
	• Supervisor: Professor Maggie Tallerman
2003 – 2010	**High school education**
	Rugby High School, Warwickshire, UK
	• A Levels: English Language (A*), French (A*), Classical Civilisation (A), English Literature (A)
	• 12 GCSEs (A*-B)

Skills

Languages	English (first language), French (B1), Spanish (A2), Norwegian Bokmål (A2)
Programming	Python, R, JavaScript, Markdown, LaTeX, HTML
Data analysis	Frequentist methods (`lme4`), Bayesian methods (`brms`), `tidyverse`, `pandas`, MySQL
Experiments	jsPsych, Prolific, Amazon Mechanical Turk
Other	Git, Microsoft Office

Publications

2024 **Keogh**, **A.**, Kirby, S., & Culbertson, J. (2024). Predictability and variation in language are differentially affected by learning and production. *Cognitive Science, 48*(4), e13435.

Keogh, **A.**, & Pankratz, E. (2024). Simulation as a tool for formalising null hypotheses in cognitive science research. *Proceedings of the Annual Meeting of the Cognitive Science Society, 46*, 4486–4492.

Keogh, **A.**, Culbertson, J., & Kirby, S. (2024). Communication and learning pressures result in clustered lexicons. *Proceedings of the Annual Meeting of the Cognitive Science Society, 46.*

Keogh, **A.**, & Lupyan, G. (2024). Who benefits from redundancy in learning noun class systems? *The Evolution of Language: Proceedings of the 15th International Conference (Evolang XV).*

Pankratz, E., **Keogh**, **A.**, Kirby, S., & Culbertson, J. (2024). For learning morphological rules, production tasks are no better than comprehension. *OSF Preprints.*

2023 **Keogh**, **A.**, Pankratz, E., Kirby, S., & Culbertson, J. (2023). Does production facilitate learning morphosyntactic generalisations? *Proceedings of the Annual Meeting of the Cognitive Science Society, 45*, 3919.

2022 **Keogh**, **A.**, Kirby, S., & Culbertson, J. (2022). In search of a unified mechanism for regularisation of linguistic variation. *Proceedings of the 23rd Amsterdam Colloquium*, 360–366.

Presentations

Talks

May 2024 | *Who benefits from redundancy in learning noun class systems?* International Conference on the Evolution of Language (Evolang XV)

Oct 2023 | *Does redundancy make language more robust to individual differences in learning?* Centre for Language Evolution talk series, University of Edinburgh

Sep 2023 | *Individual differences in generalization: the role of redundant cues.* Goldin-Meadow Lab, University of Chicago

Feb 2023 | *Memory limitations and the regularisation of linguistic variation: learning or production effects?* 31st Conference of the Student Organization of Linguistics in Europe

Dec 2022 | *In search of a unified mechanism for regularisation of linguistic variation.* Workshop on Biases in Language and Cognition, 23rd Amsterdam Colloquium

Sep 2022 | *Do memory limitations provide a selective pressure for languages to become more regular as they evolve?* Centre for Language Evolution talk series, University of Edinburgh

Oct 2020 | *Working memory and its implications for language evolution.* Cognitive Linguistics Research Group, University of Edinburgh

Posters

Jul 2024	*Simulation as a tool for formalising null hypotheses in cognitive science research.* Annual Meeting of the Cognitive Science Society (CogSci 2024)
Jul 2024	*Communication and learning pressures result in clustered lexicons.* Annual Meeting of the Cognitive Science Society (CogSci 2024)
Jul 2023	*Does production facilitate learning morphosyntactic generalisations?* Annual Meeting of the Cognitive Science Society (CogSci 2023)
Apr 2023	*The role of production for morphosyntactic generalisation.* 77th Language Lunch, University of Edinburgh (Winner: Best Poster)
Dec 2022	*In search of a unified mechanism for regularisation of linguistic variation.* Workshop on Biases in Language and Cognition, 23rd Amsterdam Colloquium
Dec 2022	*Regularisation of linguistic variation arises from both learning and production biases.* 76th Language Lunch, University of Edinburgh

Teaching

2023 – present | **Training Fellow**
Centre for Data, Culture & Society, University of Edinburgh, UK

Contributing to the Centre's training programme which aims to grow capacity for data-led and computational research across the arts, humanities and social sciences. Developing and delivering courses including:
- Introduction to Bayesian Statistics
- Data simulation
- Effective data visualisation
- Open research
- Pre-registration
- Crowdsourcing research data
- Introduction to Markdown
- Version control with Git and GitHub
- Building websites with GitHub pages
- Introduction to coding for data analysis (Python in Jupyter Notebooks)

2021 – 2024 | **Tutor**
University of Edinburgh, UK

Delivering labs and tutorials and marking assignments on the following courses:
- Online Experiments for Language Scientists (JavaScript)
- Simulating Language (Python)
- Origins and Evolution of Language
- Introduction to Programming with Turtles
- Intermediate Programming in Python

2021 – 2022 | **PPLS Skills Centre Tutor**
University of Edinburgh, UK

1-1 writing consultation appointments with undergraduate and masters students

Professional service

2024 | **Reviewer**
Annual Meeting of the Cognitive Science Society (CogSci 2024)

2023 | **Reviewer**
International Conference on the Evolution of Language (Evolang XV)

2022 | **Student Organiser**
Edinburgh Lectures in Language Evolution

Reviewer
1st Language and Interaction Network event, University of Edinburgh

Funding

2020 – 2024 | **ESRC-funded 1+3 studentship**
Scottish Graduate School of Social Science

Awards

2013 | **Barbara Strang Award**
Newcastle University
Highest overall result across all English Language and Linguistics graduates

Memberships

2021 – present | Cognitive Science Society

2024 – present | Cultural Evolution Society

Employment

Apr 2018 – Aug 2020 | **Senior Press Officer**
Office for Students, Bristol, UK

May 2016 – Mar 2018 | **Press and Communications Adviser**
Office for Fair Access, Bristol, UK

Dec 2013 – Apr 2016 | **Student Recruitment Officer**
University Centre Weston, Weston-super-Mare, UK