



# Aislinn Keogh

✉ [aislinn.keogh@ed.ac.uk](mailto:aislinn.keogh@ed.ac.uk)    <https://aislinnkeogh.github.io>    [aislinnkeogh](https://github.com/aislinnkeogh)

## Education

---

2023	<b>Visiting Scholar</b> <i>University of Wisconsin-Madison, USA</i> <ul style="list-style-type: none"><li>6-week research visit with Professor Gary Lupyan in the Department of Psychology</li></ul>
2021 – present	<b>PhD in Linguistics and English Language</b> <i>Centre for Language Evolution, University of Edinburgh, UK</i> <ul style="list-style-type: none"><li>Working title: <i>Language production, working memory, and the evolution of linguistic structure</i></li><li>Supervisors: Professors Jennifer Culbertson and Simon Kirby</li></ul>
2020 – 2021	<b>MSc with Distinction in Evolution of Language and Cognition</b> <i>University of Edinburgh, UK</i> <ul style="list-style-type: none"><li>Dissertation: <i>Do memory limitations provide a selective pressure for languages to develop compositional structure? An experimental investigation</i></li><li>Supervisor: Professor Simon Kirby</li></ul>
2010 – 2013	<b>BA with First Class Honours in Linguistics</b> <i>Newcastle University, UK</i> <ul style="list-style-type: none"><li>Dissertation: <i>An evolutionary perspective on the role of memory in language processing and production</i></li><li>Supervisor: Professor Maggie Tallerman</li></ul>
2003 – 2010	<b>High school education</b> <i>Rugby High School, Warwickshire, UK</i> <ul style="list-style-type: none"><li>A Levels: English Language (A*), French (A*), Classical Civilisation (A), English Literature (A)</li><li>12 GCSEs (A*-B)</li></ul>

## Skills

---

Languages	English (first language), French (B1), Spanish (A2), Norwegian Bokmål (A2)
Programming	Python, R, JavaScript, Markdown, $\text{\LaTeX}$ , 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.
- 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)*.
- 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	<i>Simulation as a tool for formalising null hypotheses in cognitive science research.</i> Annual Meeting of the Cognitive Science Society (CogSci 2024)
Jul 2024	<i>Communication and learning pressures result in clustered lexicons.</i> Annual Meeting of the Cognitive Science Society (CogSci 2024)
Jul 2023	<i>Does production facilitate learning morphosyntactic generalisations?</i> Annual Meeting of the Cognitive Science Society (CogSci 2023)
Apr 2023	<i>The role of production for morphosyntactic generalisation.</i> 77th Language Lunch, University of Edinburgh (Winner: Best Poster)
Dec 2022	<i>In search of a unified mechanism for regularisation of linguistic variation.</i> Workshop on Biases in Language and Cognition, 23rd Amsterdam Colloquium
Dec 2022	<i>Regularisation of linguistic variation arises from both learning and production biases.</i> 76th Language Lunch, University of Edinburgh

## Teaching

---

2023 – present	<b>Training Fellow</b> <i>Centre for Data, Culture &amp; Society, University of Edinburgh, UK</i> 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: <ul style="list-style-type: none"><li>• Introduction to Bayesian Statistics</li><li>• Data simulation</li><li>• Effective data visualisation</li><li>• Open research</li><li>• Pre-registration</li><li>• Crowdsourcing research data</li><li>• Introduction to Markdown</li><li>• Version control with Git and GitHub</li><li>• Building websites with GitHub pages</li><li>• Introduction to coding for data analysis (Python in Jupyter Notebooks)</li></ul>
2021 – 2024	<b>Tutor</b> <i>University of Edinburgh, UK</i> Delivering labs and tutorials and marking assignments on the following courses: <ul style="list-style-type: none"><li>• Online Experiments for Language Scientists (JavaScript)</li><li>• Simulating Language (Python)</li><li>• Origins and Evolution of Language</li><li>• Introduction to Programming with Turtles</li><li>• Intermediate Programming in Python</li></ul>
2021 – 2022	<b>PPLS Skills Centre Tutor</b> <i>University of Edinburgh, UK</i> 1-1 writing consultation appointments with undergraduate and masters students

Professional service

---

2024	<b>Reviewer</b> Annual Meeting of the Cognitive Science Society (CogSci 2024)
2023	<b>Reviewer</b> International Conference on the Evolution of Language (Evolang XV)
2022	<b>Student Organiser</b> Edinburgh Lectures in Language Evolution
	<b>Reviewer</b> 1st Language and Interaction Network event, University of Edinburgh

Funding

---

2020 – 2024	<b>ESRC-funded 1+3 studentship</b> Scottish Graduate School of Social Science
-------------	--

Awards

---

2013	<b>Barbara Strang Award</b> <i>Newcastle University</i> 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	<b>Senior Press Officer</b> Office for Students, Bristol, UK
May 2016 – Mar 2018	<b>Press and Communications Adviser</b> Office for Fair Access, Bristol, UK
Dec 2013 – Apr 2016	<b>Student Recruitment Officer</b> University Centre Weston, Weston-super-Mare, UK