

Dr. Hannah Little

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A science communicator, social scientist and digital rights campaigner with experience in research and teaching. I specialise in digital communication, linguistic and cultural evolution, experimental methods and data analysis.

- 2018-2019 **Postgraduate Certificate in Academic Practice**, *University of the West of England*.
- 2012-2017 **PhD**, *Artificial Intelligence Laboratory, Vrije Universiteit Brussel*.
- 2010-2011 **MSc Evolution of Language and Cognition**, *University of Edinburgh*.
- 2007-2010 **BA English Language and Linguistics**, *University of York*, (First Class Honors).

Work Experience

- Dec 18 – **Senior Lecturer**, *Science Communication Unit, UWE Bristol, UK*.
- Oct 17-Dec 18 **Lecturer**, *Science Communication Unit, UWE Bristol, UK*.
- Sep 16-Sep 17 **PostDoc**, *Max Planck Institute for Psycholinguistics, Nijmegen, NL*.
- Jan 12-Oct 12 **STEM Outreach Coordinator**, *STEM Outreach, Newcastle College, Newcastle, UK*.

Selected Recent Research Projects

- 2019- "I'm a Scientist get me out of here". Facilitating and evaluating public engagement training.
- 2017-2019 Evaluation of the Royal Institution's Christmas Lectures.
- 2018- SCIROC (EU Horizon 2020). Public perceptions of robotics and smart cities.
- 2018 The Great Escape. Investigating the impact of 'escape rooms' as science communication.

Grants and Bursaries

- 2019 SCU Seed Research Funding. UWE Bristol.
- 2017 Data on the Mind Workshop. Berkeley, University of California. Funded Participant.
- 2016-2017 Max Planck Institute Visitorship Grant
- 2012-2016 European Research Council, PhD studentship as part of the ABACUS project

Academic Honours/Board Positions

- 2019- Board Member. Board of Directors. Open Rights Group.
- 2019- Fellow of the Higher Education Academy (FHEA)
- 2018- Supporter Council. Open Rights Group.
- 2018- Athena Swan Self Assessment Team. Department of Applied Sciences. UWE Bristol.
- 2017- Scientific Committee. Evolution of Language (EvoLang) International Conferences
- 2016- Board Member (PR Officer). International Association of Cognitive Semiotics (IACS)

Journal Reviewing Media and Communication, Social Media and Society, Language Dynamics and Change, PLOS ONE, The Journal of Science Communication (JCOM), The Journal of Language Evolution, Language and Cognition, Interaction Studies, Cognitive Science, Literary and Linguistics Computing

Programming R, python (including PsychoPy), jsPsych, E-Prime, praat, latex, html5, javascript

Journal Papers

- in press Wilkinson, Clare and **Hannah Little** "We had to be very clear that they weren't going to try to break into any of the cases": What potential do 'Escape Rooms' offer as a science communication technique?" *JCOM: Journal of Science Communication*
- in press Roberts, Seán G., ..., **Hannah Little**, ..., et al. CHIELD: The Causal Hypotheses in Evolutionary Linguistics Database. *The Journal of Language Evolution*
- 2019 **Little, Hannah** Communicating Science: Lessons from a Twitterstorm. *JCOM: Journal of Science Communication* 18 (04), L01. doi: 10.22323/2.18040101
- 2019 Motamedi, Yasamin, **Hannah Little**, Alan Nielsen and Justin Sulik. The Iconicity Toolbox: Empirical Approaches to Measuring Iconicity. *Language and Cognition*. doi: 10.1017/langcog.2019.14
- 2018 Perlman, Marcus, **Hannah Little**, Bill Thompson and Robin L. Thompson. Iconicity in Signed and Spoken Vocabulary: A Comparison between American Sign Language, British Sign Language, English, and Spanish. *Frontiers in Psychology* 9 (1433). Research topic: Visual Language. doi: 10.3389/fpsyg.2018.01433
- 2017 **Little, Hannah**, Heikki Rasilo, Sabine van der Ham and Kerem Eryilmaz. Empirical approaches for investigating the origins of structure in speech. *Interaction Studies* 18(3). 332 – 354. doi: 10.1075/is.18.3.03lit
- 2017 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. Conventionalisation and Discrimination as Competing Pressures on Continuous Speech-like Signals. *Interaction Studies* 18(3). 355 – 378. doi: 10.1075/is.18.3.04lit
- 2017 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. Signal dimensionality and the emergence of structure. *Cognition* 168 1-15. doi: 10.1016/j.cognition.2017.06.011
- 2017 **Little, Hannah**. Introduction to the Special Issue on the Emergence of Sound Systems. *The Journal of Language Evolution* 2(1) 1-3. doi: 10.1093/jole/lzx014
- 2016 Eryilmaz, Kerem and **Hannah Little**. Using Leap Motion to investigate the emergence of structure in speech and language. *Behavior Research Methods* 49(5) 1748–1768. doi:10.3758/s13428-016-0818-x

Reports

- 2019 Sardo, Margarida, **Hannah Little**, & Laura Fogg-Rogers. Evaluation of the Royal Institution Christmas Lectures – Final Report. *Science Communication Unit, University of the West of England, Bristol*

Selected Edited Volumes

- 2018 Cuskley, Christine, Molly Flaherty, **Hannah Little**, Luke McCrohon, Andrea Ravignani & Tessa Verhoef (Eds.). The Evolution of Language: Proceedings of the 12th International Conference.
- 2017 **Little, Hannah** (Ed.). Special Issue on the Emergence of Sound Systems [Special Issue]. *The Journal of Language Evolution*, 2(1).

Selected Conference Proceedings

- 2020 **Little, Hannah** and Clare Wilkinson. "Is it time to escape? Examining 'Escape Rooms' as science communication interventions". *Public Communication of Science and Technology* 2020. Aberdeen, UK
- 2020 Sardo, Margarida, **Hannah Little**, & Laura Fogg-Rogers. "Transforming tradition: evaluating the iconic Christmas Lectures series". *Public Communication of Science and Technology* 2020. Aberdeen, UK

- 2019 **Little, Hannah** and Emma Weitkamp. "The rise of Science Comedy: Comparing shows at science and arts festivals". *12th Forum Wissenschaftskommunikation 2019*. Essen, Germany.
- 2018 **Little, Hannah** and Justin Sulik. "What do iconicity judgements really mean?" *The Evolution of Language: Proceedings of the 12th international conference (EvoLangXII)*. Toruń, Poland.
- 2017 **Little, Hannah**, Marcus Perlman and Kerem Eryilmaz. "Repeated Interactions Can Lead to More Iconic Signals" In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.) *Proceedings of the 39th Annual Conference of the Cognitive Science Society*. (pp. 760–766) Austin, TX: Cognitive Science Society
- 2017 **Little, Hannah**. "Causes for the inverse relationship between iconicity and phonological structure " In: *Proceedings of the 11th International Symposium on Iconicity in Language and Literature*. pp. 117–119. Brighton, UK.
- 2017 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. "Conventionalisation and Discrimination as Competing Pressures on Continuous Speech-like Signals." *Proceedings for CogLing7*. (pp. 38–39) Nijmegen, NL.
- 2016 Wilson, Jack J. and **Hannah Little**. "A Neo–Peircean Framework for Experimental Semiotics." In: *Proceedings of the Second Conference of the International Association for Cognitive Semiotics*. (pp. 171–173) Lublin, Poland.
- 2016 **Little, Hannah**. "Nahran Bhannamz: Language Evolution in an Online Zombie Apocalypse Game." *Createvolang: creativity and innovation in language evolution*. New Orleans, USA.
- 2016 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. "Differing signal–meaning dimensionalities facilitates the emergence of structure." In S.G. Roberts, C. Cuskley, L. McCrohon, L. Barceló–Coblijn, O. Feher & T. Verhoef (eds.) *The Evolution of Language: Proceedings of the 11th international conference (EvoLangXI)*. (pp. 182–190) New Orleans, USA.
- 2015 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. "A new artificial signal-space proxy for investigating the emergence of structure and categories in speech." In *The Scottish Consortium for ICPHS 2015 (Ed.)*, *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, UK: the University of Glasgow. ISBN 978–0–85261–941–4. Paper 31.
- 2015 **Little, Hannah**, Kerem Eryilmaz and Bart de Boer. "Linguistic Modality Affects the Creation of Structure and Iconicity in Signals." In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1392–1398). Austin, TX.
- 2014 **Little, Hannah** and Catriona Silvey "Interpreting emerging structures: the interdependence of combinatoriality and compositionality". In *First Conference of the International Association for Cognitive Semiotics (IACS 2014)*. pp 113–114. Lund, Sweden.
- 2014 Littauer, Richard, Seán G. Roberts, James Winters, Rachael Bailes, Michael Pleyer and **Hannah Little**. "From the Savannah to the Cloud: Blogging Evolutionary Linguistics research". In: Luke McCrohon, Bill Thompson, Tessa Verhoef and Hajime Yamauchi, ed., *The Past, Present and Future of Language Evolution Research. Student Volume of the 9th International Conference on the Evolution of Language*. pp 121–133. Tokyo, Japan.
- 2013 Wilson, Jack, J. and **Hannah Little**. "Emerging languages in Esoteric and Exoteric Niches: evidence from Rural Sign Languages". In: *Ways to Protolanguage 3 book of abstracts*. pp. 54–55. Wrocław, Poland.
- 2012 **Little, Hannah** "The Role of Foreigner-Directed Speech in Language Evolution". *European Human Behaviour and Evolution Association Annual Meeting 2012 Poster Abstracts*. pp. 7. Durham, UK.

Selected Teaching

Modules Taught	Research with Impact (MSci), Forensic Science and Society (MSci), Science, the Public and Media (MSc), Science in Public Spaces (MSc), Science on Air and on Screen (MSc), Science Communication (BSc), Science and Society (MSc), Wildlife, Film and Media (BSc), Writing Science (MSc), People and Science (foundation), Methods of Scientific Research (MSc)
Module Lead	Research Skills (PGDip), Science, the Public and the Media (MSc), People and Science (foundation level course), Science in Public Spaces module (MSc), Science on Air and on Screen module (MSc)

Supervision

2019	5 Bachelors Dissertation Projects, 3 MSc Dissertation Projects
2018	6 Bachelors Dissertation Projects, 5 MSc Dissertation Projects

Selected Recent Public Engagement Articles

2019	Little, Hannah. "Text Machina" Feature Article in Babel: The Language Magazine 2019, Issue 26. Page 38-40.
2018	Little, Hannah. "Linguistic X-Men" Feature Article in Babel: The Language Magazine 2018, Issue 25. Page 34-35.
2018	Little, Hannah. "The Talking Dead" Feature Article in Babel: The Language Magazine 2018, Issue 24. Page 32-34.
2018	Little, Hannah. "Babel on 5" Feature Article in Babel: The Language Magazine 2018, Issue 23. Page 42-44.

Selected Recent Public Engagement Work

2019	Stranger than Sci Fi. Series 1, Episode 3. Talking Plants. BBC Radio 4.
2020	TEDx Newcastle College
2019	Research Revolution Hootenanny. Bristol, UK.
2019	Science Cafe. Sherborne, UK.
2019	A.I.: Fact vs Fiction. Milton Keynes, UK.
2019	Extraordinary Women in Engineering: a WES Wikithon.
2019	UKRI EPSRC Artificial Intelligence and Public engagement workshop.
2019	Event Organiser. Data Rights, Workers Rights and the Gig Economy. Bristol, UK.
2019	Workshop Convener "Surveillance Capitalism". Bristol, UK
2019	Devizes Arts Festival. Devizes, UK.
2018	Royal Institution's "Unconference" on Digital Privacy. Ri, London.
2018	Organiser - Ada Lovelace Day Wiki edit-a-thon. UWE Bristol.
2018	British Science Festival. Hull, UK.

A full CV, with a complete list of publications and public engagement, can be found online at: hlittle.com/LittleCV.pdf