

EMMA L HENDERSON

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FORMAL EDUCATION & ACADEMIC POSITIONS

Postdoctoral Research Fellow University of Surrey Research Culture & Open Research	2021 – present
PhD Psychology Kingston University Thesis: Dispelling illusions of truth: Exploring the factors that lead to inflated truth judgements Supervisors: Prof Frédéric Vallée-Tourangeau & Prof Chris Chambers	2017 – 2021
Ad-hoc Lecturer Kingston University Department of Psychology Module: Research Design & Analysis	2018 – 2020
Research Associate Kingston University Business School Department of Management [full-time, paid position]	2016 – 2017
MSc Psychology (Distinction) Kingston University	2015 – 2016
BA (Hons) Classical Civilisation University of Leeds	1996 – 1998

RESEARCH INTERESTS

In my research I investigate how people might use non-probative cues, such as repetition and concreteness of language, to make truth judgements in the absence of any probative information or knowledge. I focus on the replicability of these *truth effects* with a view to understanding the robustness of the literature, and the implications of their real-world application.

Truth Illusions | Metacognition | Open Science | Meta-science | Registered Reports | Research Methods | Philosophy of Science | Scientific Understanding & Communication | Judgement & Decision Making

PRINCIPLES & VALUES

My goal is to conduct and promote rigorous, transparent science ethically throughout my career. I write and publish confirmatory research as Registered Reports. I use the Open Science Framework (OSF) to share materials, data, scripts and lab logs. I prioritise submitting papers to open access journals that select based on scientific validity rather than subjective impact.

PEER REVIEWED PUBLICATIONS

Evans, T. R., Pownall, M., Collins, E., **Henderson, E. L.**, Pickering, J. S., O'Mahony, A., ... Dumbalska, T. (2022). A network of change: United action on research integrity. *BMC Research Notes*. [[paper](#)] [[preprint](#)]

Parsons, S., ... **Henderson, E. L.**, ... Aczel, B (2022). A community-sourced glossary of open scholarship terms. *Nature Human Behaviour*. [[paper](#)] [[postprint](#)]

Henderson, E. L., Westwood, S. J., & Simons, D. J. (2021). A reproducible systematic map of research on the illusory truth effect. *Psychonomic Bulletin & Review*. [[Registered Report – stage 2](#)], [[Registered Report – stage 1](#)] [[preregistration](#)] [[map database](#)]

Henderson, E. L., Simons, D. J. & Barr, D. J. (2021). The trajectory of truth: A longitudinal study of the illusory truth effect. *Journal of Cognition*, 4(1), 29. [[Registered Report – stage 2](#)], [[Registered Report – stage 1](#)] [[preregistration](#)] [[materials](#)] [[data](#)] [[code](#)] [[R package](#)]

Ruiz Castro, M., van der Heijden, B. I., & **Henderson, E. L.** (2020). Catalysts in career transitions: Academic researchers transitioning into sustainable careers in data science. *Journal of Vocational Behavior*, 122, 103479. [[paper](#)]

Henderson, E. L., Vallée-Tourangeau, F., & Simons, D. J. (2019). The effect of concrete wording on truth judgements: A preregistered replication and extension of Hansen & Wänke (2010). *Collabra: Psychology*, 5, 19. [[Registered Report – stage 2](#)] [[Registered Report - stage 1](#)] [[preregistration](#)] [[materials](#)] [[data](#)] [[peer review comments](#)]

Henderson, E. L., Vallée-Tourangeau, G., & Vallée-Tourangeau, F. (2017). Planning in action: Interactivity improves planning performance. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 2181-2186). Austin, TX: Cognitive Science Society [[paper](#)] [[materials](#)] [[data](#)]

PREPRINTS

Corneille, O., Carroll, H., Havemann, J., **Henderson, E. L.**, Holmes, N. P., Lotter, L. D., Lush, P., & Outa, N. (2022). Reflecting on the use of persuasive communication devices in academic writing. Zenodo. <https://doi.org/10.5281/zenodo.6375872> [[preprint](#)]

Henderson, E. L. (2022, January 25). A guide to preregistration and Registered Reports. <https://doi.org/10.31222/osf.io/x7aqr> [[preprint](#)]

Topor, M., Pickering, J. S., Barbosa Mendes, A., Bishop, D. V. M., Büttner, F. C., **Henderson, E. L.**, ... Westwood, S. J. (2020, December 14). An integrative framework for planning and conducting Non-Interventional, Reproducible, and Open Systematic Reviews (NIRO-SR). <https://doi.org/10.31222/osf.io/8gu5z> [[preprint](#)]

TOOLS & SOFTWARE

Topor, M., Pickering, J. S., Barbosa Mendes, A., Bishop, D. V. M., Büttner, F. C., **Henderson, E. L.**, ... Westwood, S. J. (2020). Non-Interventional, Reproducible, and Open (NIRO) Systematic Review guidelines v1. <https://doi.org/10.17605/OSF.IO/F3BRW> <https://osf.io/f3brw/>

EXTERNAL ENGAGEMENT / PUBLICATIONS

Henderson, E. L., & Tzavella, L., (2022). Episode 1: Open science and its challenges. *Imposter Podcast* [[podcast](#)]

Plomp, E., Tsang, E., Henderson, E. L., & Franzen, D., (2022). Moving open science forward at the institutional/departmental level. *Open Working* [[blog](#)]

Rhys Evans, T., Pownall, M., Collins, E., Henderson, E. L., Pickering, J. S., O'Mahony, A., ...Dumbalska, T., (2021). A network of change: Three priorities requiring united action on research integrity. *Response to the UK Parliament Science and Technology Committee's inquiry on reproducibility and research integrity* [[report](#)]

Wise, E., Henderson, E. L., Slade, M., Farran, E., & Daoutis, C., (2021). Building an open research community at Surrey. *PLOS Blogs* [[blog](#)]

Henderson, E. L., (2019). Why you'll love writing a Registered Report. *Prolific blog* [[blog](#)]

Henderson, E. L., (2019). Registered Reports and PhDs – What? Why? How? An Interview with Chris Chambers. *Centre for Open Science blog* [[blog](#)]

Henderson, E. L., (2019). Writing for impact: Publication, policy and media. *Behavioural Science and Public Health Network* [[report](#)]

Henderson, E. L., (2018). Registered Reports and PhDs – What? Why? How? An Interview with Chris Chambers, *PsyPAG Quarterly* [[interview](#) p.52]

COMPETITIVE FUNDING, GRANTS & AWARDS

Value Award for Innovation University of Surrey	2022
Pre-registered Grant, €1,000 <i>European Association of Social Psychology (EASP)</i>	2021
Research Grant, £2,000 <i>Kingston University</i>	2020
Training Grant, £400 <i>Kingston University</i>	2019
Travel Grant for pre-SIPS Workshop, \$400 <i>repliCATS</i>	2019
Travel Grant for PsyPAG Annual Conference, £100 <i>Psychology Postgraduate Affairs Group</i>	2019
Travel Grant for Annual Conference, £50 <i>iCog5, University of Reading, UK</i>	2019
Prolific Junior Researcher Grant, £712 <i>Prolific</i>	2018

Travel & Attendance Grant, £100 <i>Behavioural Science and Public Health Network</i>	2018
Research Grant Bursary, £300 <i>Psychology Postgraduate Affairs Group</i>	2018
Alumnae Award, £250 <i>Lady Eleanor Holles School</i>	2017
Full PhD Studentship, ~£62,224 <i>Kingston University</i>	2017
Barry Cavell Postgraduate Prize <i>Department of Psychology, Kingston University</i>	2016

INVITED TALKS, PANELS & WORKSHOPS

Henderson, E. L., Westwood, S. J., & Fassi, L. ECRs and the future of Open Science. *Celebrating Dorothy: A Festschrift for Dorothy V. M. Bishop*, The Royal Society, London [panel member]

Henderson, E. L., (2021). How to incorporate Registered Reports into your PhD thesis (and why you should). *Surrey Reproducibility Society*, University of Surrey [[talk](#)]

Henderson, E. L., (2021). Reducing results and publication anxiety: Why PhD researchers should write Registered Reports. *ReproducibiliTea*, University of Birmingham [[talk](#)]

Henderson, E. L., Ten reasons to write a Registered Report (now) (2020). *RIOT Science Club*, Kings University, London [[talk](#)]

Henderson, E. L., Thompson, J. M., (2020). Introduction to the OSF, preregistration and Registered Reports. *Open science: Improving your research workflow to increase transparency and reproducibility*, Faculty of Science, University of Neuchatel, Switzerland [one-day [workshop](#)]

Henderson, E. L., (2019). Registered Reports: Results as a dead currency in quality evaluation. *Open Science Roadshow*, Kingston University, UK [[talk](#)]

Clark, O. J., **Henderson, E. L.**, (2019). Power analysis using simulation. *PsyPAG Annual Conference*, University of Sheffield, UK [[workshop](#)]

Henderson, E. L., An alternative publishing model: Registered Reports (2019). As part of “*Getting your work published in academic journals*”. Kingston University, UK [[talk](#)]

CONFERENCE PRESENTATIONS

* indicates presenting author

Khan, H., Ghannad*, M., Almoli, E., Franco, M.C., **Henderson, E.L.**, Ardern, C., Ayala, A.P., Ng, J.Y., Cobey, K., Saba, S., & Moher D. (2022). Proportion of academic institutions with courses in open science and the characteristic of courses. *2022 Society for Teaching and Learning in Higher Education Annual Conference*, Ottawa, ON, Canada [poster]

Khan, H., Ghannad*, M., Almoli, E., Franco, M.C., **Henderson, E.L.**, Ardern, C., Ayala, A.P., Ng, J.Y., Cobey, K., Saba, S., & Moher D. (2022, June 27-29). What do academic institutions teach on open science?: A cross-sectional study. *Society for the Improvement of Psychological Science (SIPS)*, Victoria, BC, Canada [lightning talk].

Khan, H., Ghannad*, M., Almoli, E., Franco, M.C., **Henderson, E.L.**, Ardern, C., Ayala, A.P., Ng, J.Y., Cobey, K., Saba, S., & Moher D. (2022). Proportion of academic institutions with courses in open science and the characteristic of courses. *9th International Congress on Peer Review and Scientific Publication, Chicago, IL, USA* [poster]

Henderson, E. L.*, (2019). Reducing your results anxiety with Registered Reports. *PsyPAG Annual Conference*, University of Sheffield, UK. [[presentation](#)]

Henderson, E. L.*, Vallée-Tourangeau, F., Simons D. J., (2019). Which one study should we run? *Society for the Improvement of Psychological Science (SIPS)*, Rotterdam, Netherlands [[pre-study poster](#)]

Ruiz-Castro M.* , van der Heijden B., **Henderson, E. L.**, (2019). In search of career sustainability: Academics transitioning into data science. *EGOS Colloquium*, Edinburgh, UK. [presentation]

Henderson, E. L.*, Vallée-Tourangeau*, F., Gourdon-Kanhukamwe, A.* , (2019). Open social science 101: the case of Registered Reports. *Annual Faculty of Business Research Conference: Contemporary Issues in Business*, Kingston University, UK. [[presentation](#)]

Henderson, E. L.*, Vallée-Tourangeau, F., Simons D. J., (2019). Collaborative and open science practices in the design of an experiment on truth perception. *iCog5*, University of Reading, UK. [[poster](#)]

Riege, A.* , **Henderson, E. L.**, Gourdon-Kanhukamwe, A., Vallée-Tourangeau, G., (2018). Impossible participants or impossible instructions? An eye-tracking investigation of an ego-depletion paradigm. *European Group of Process Tracing Studies in Judgement and Decision Making*, Aarhus, Denmark [poster]

Riege, A.* , **Henderson, E. L.**, Gourdon-Kanhukamwe, A., Vallée-Tourangeau, G., (2018). Impossible participants or impossible instructions? An eye-tracking investigation of an ego-depletion paradigm. *Annual Faculty of Business Research Conference: Contemporary Issues in Business*, Kingston University, UK. [presentation]

Henderson, E. L.*, (2018). Should I join the open science revolution? *Postgraduate Conference*, Kingston University, UK. [[presentation](#)]

Henderson, E. L.*, Vallée-Tourangeau, G., Vallée-Tourangeau, F., (2017). Planning in action: Interactivity improves planning performance. *Cognitive Science Society Conference (CogSci)*, London, UK. [poster]

Henderson, E. L.*, Vallée-Tourangeau, G., Vallée-Tourangeau, F., (2016). Touchy thinking: Interactivity improves planning. *International Conference on Interactivity, Language & Cognition*, Kingston University, UK. [poster]

EDITORIAL BOARDS

Associate Editor | Journal of European Psychology Students (JEPS)

2018 – 2021

AD HOC REVIEWER

Advances in Methods and Practices in Psychological Science (AMPPS) | Collabra: Psychology | Social Psychology | PCI Registered Reports

PROFESSIONAL SERVICE

Lead ReproducibiliTea Journal Club , <i>Kingston University</i>	2019 – 2021
Registered Reports Steering Committee , <i>Centre for Open Science (COS)</i>	2019 – present
Working Group: Primers on Open Research Practices [primers] <i>UK Reproducibility Network (UKRN)</i>	2019 – present
Local Lead for Kingston University , <i>UK Reproducibility Network (UKRN)</i>	2018 – 2021
Preregistration Community Support , <i>Open Science Framework (OSF)</i>	2017 – present
Ambassador , <i>Open Science Framework (OSF)</i>	2017 – present

PROFESSIONAL MEMBERSHIPS

Society for the Improvement of Psychological Science (SIPS) | Psychonomic Society | Society for Personality and Social Psychology (SPSP) | European Association of Social Psychology (EASP) | UK Reproducibility Network (UKRN) | British Psychological Association (BPS) | Association for Psychological Science (APS)

STATISTICAL & TECHNICAL SKILLS

Statistical Software	RStudio RMarkdown JASP SPSS
Research Synthesis	Systematic literature reviews Systematic mapping Meta-analysis
Open Science	OSF Preregistration Registered Reports
Technical Skills	Eye-tracking software
Other	Qualtrics Survey methodology Prolific NVivo

ADDITIONAL EDUCATION & TRAINING

Statistics for Linguists Summer School University of Birmingham	2022
Behaviour Change Summer School Centre for Behaviour Change, UCL	2021
Introduction to statistical modelling for psychologists in R PR Statistics	2019
Meta-Analysis Course Maastricht University	2018
Writing for Impact: Publication, Policy and Media BSPHN & BPS	2018
Bayesian Statistics & JASP workshop Organised by me for Kingston University	2018

Advanced Methods for Reproducible Science Course BBSRC	2018
Introduction to R Royal Statistical Society	2017
Introduction to Research Data Management Digital Curation Centre	2016
Validity & Reliability UCL	2016

INDUSTRY EXPERIENCE

Head of Sales & Development, [Red Eyewear Ltd](#) 2010 - 2015

Red Eyewear is a start-up company designing and manufacturing own-label eyewear for the UK high street, including M&S, Next, Arcadia Group and luxury brands such as Oliver Sweeney

- Led the sales team from conception to over £4.5m turnover in year four
- Targeted and won business with the UK's five largest sunglasses retailers
- Responsible for recruiting, motivating and ensuring the wellbeing of the sales team, through clear communication, direction and support
- Project managed multiple projects from inception to delivery, on time and on budget
- Full budgeting responsibility, including data analysis, P&L management and future planning
- Utilised our purchasing data to help define a balanced sourcing strategy, based on building strong, long term relationships with suppliers
- Senior member of management team

Senior Sales & Product Manager, [Fabris Lane Ltd](#) 2008 - 2010

Sales & Product Manager, Fabris Lane Ltd 2006 - 2008

Branded Product Development Manager, Fabris Lane Ltd 2002 - 2006

Marketing & Communications Executive, Cedar Group Plc 2000 - 2002

Marketing Assistant, MITIE Group 1998 - 2000