

EMMA L HENDERSON

University of Surrey
School of Psychology
Guildford, Surrey
GU2 7XH, UK

e.l.henderson@surrey.ac.uk | www.emmalhenderson.com | osf.io/p8uw7 | [ORCID](#) | [LinkedIn](#)

FORMAL EDUCATION & ACADEMIC POSITIONS

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| 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

| | |
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| 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 |

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| 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 & WORKSHOPS

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.*, Almoli, E., Christ Franco, M., Ng, J., Ayala, P. A., **Henderson, E. L.**, Moher, D., (2022). Teaching open science: An academic conundrum? *The Society for Teaching and Learning in Higher Education 2022 Annual Conference*

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, Kingston University

2019 – 2021

Registered Reports Steering Committee, Centre for Open Science (COS)

2019 – present

Working Group: Primers on Open Research Practices [[primers](#)]
UK Reproducibility Network (UKRN)

2019 – present

Local Lead for Kingston University, UK Reproducibility Network (UKRN)

2018 – 2021

Preregistration Community Support, Open Science Framework (OSF)

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

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| 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

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| 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

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| 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 |