Kathryn Carpenter PhD

Senior Research Fellow | The Institute for Sustainable Philanthropy

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Personal Statement

I am a senior research fellow specialising in field survey design, experimental field research, and statistics including structural equation modelling and process modelling. My PhD used functional magnetic resonance imaging and neural stimulation (transcranial direct current stimulation) to investigate the conscious and unconscious neural pathways of category learning. I now apply the experimental design learnt during my PhD into research into philanthropic psychology. I have published in Human Brain Mapping, Journal of Cognitive Neuroscience, and most recently Nonprofit and Voluntary Sector Quarterly.

Education

2013 - 2017   University of Exeter: **PhD Psychology**

Thesis title: The neurobiology of category learning. Using experimental brain imaging and brain stimulation I investigated the implicit and explicit neural routes of category learning and association.

2017   University of Plymouth: **Certificate in Fundraising, Distinction**

2012 - 2013   University of Exeter: **MSc Research Methods in Psychology, Distinction**

2009 - 2012   University of Exeter: **BSc Psychology, First Class Honours**

Publications

Shang, J. Sargeant, A. and **Carpenter, K.** (2019). Intention versus Giving Behavior: How Differently Do Satisfaction, Trust and Commitment Relate to Them? *Nonprofit and Voluntary Sector Quarterly*

Carpenter, K.L., Wills, A., Benattayallah, A. & Milton, F. (2016). A Comparison of the neural correlates that underlie rule-based and information-integration category learning. *Human Brain Mapping*, *37*, 3557-3574.

McLaren, I.P.L., **Carpenter, K.L.,** Civile, C., McLaren, R., Zhao, D., Ku, Y., Milton., F., & Verbruggen, F. (2016). Categorisation and Perceptual Learning: Why tDCS to Left DLPC Enhances Generalisation. In *Associative Learning and Cognition*, *Homage to Prof. N.J. Mackintosh,* Trobalon, J.B. & Chamizo, V.D. (Eds.), University of Barcelona.

Milton, F., Bealing, P., **Carpenter, K.L.,** Benattayallah, A. & Wills, A. (2016). The Neural Correlates of Similarity-and Rule-based Generalization. *Journal of Cognitive Neuroscience*, 29(1), 150-166.

Employment

2019 - present   Institute for Sustainable Philanthropy | The Philanthropy Centre. **Senior Research Fellow.** I design, code, implement and analyse non-profit field surveys and field and laboratory experiments. I design quality control procedures to ensure quality data. I disseminate learnings to academic/industry audiences through presentation, reports and journal articles.

2016 - 2019   University of Plymouth: **Research Fellow in Philanthropy.** I assisted in the design, coding, execution and analysis surveys and experiments from laboratory and non-profit samples.

Grants

Economic and Social Research Council (ESRC) studentship, 2013 – 2016

EPS Grindley Grant for Travel, 2015

Research skills

- Experiment coding in Qualtrics and E-Prime
- Structural equation modelling in AMOS and STATA
- Process modelling (including custom models) in SPSS
- Collaboration with charity/non-profit partners
- Writing papers for publication
- Confident in public speaking and academic presentations
- Designing quality control processes
- Reporting complex statistics to non-academic audiences
- Project management