Neil R. Bramley | Short CV

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Education

PhD, Experimental Psychology — **University College London**
2017 BPS Award for Outstanding Doctoral Research — *2013–2017*

MRes, Computer Science — **University College London**
Merit — *2012–2013*

MSc, Cognitive & Decision Sciences — **University College London**
Disctinction, class prize — *2010–2011*

MA (Hons), Philosophy — **University of Glasgow**
2005–2009

Academic experience

Lecturer in Cognitive Psychology — **University of Edinburgh**
Jan 2019–

Moore-Sloan Postdoctoral Associate — **New York University**
2017–2018

Visiting Rearcher — **UC Berkeley, NYU & MIT**
2015

Selected Publications

1. **Bramley**, N. R., T. Gerstenberg, J. B. Tenenbaum, and T. M. Gureckis (2018). Intuitive experimentation in the physical world. *Cognitive Psychology* **195**, 9–38.
2. **Bramley**, N. R., T. Gerstenberg, R. Mayrhofer, and D. A. Lagnado (2018). Time in causal structure learning. *Journal of Experimental Psychology: Learning, Memory & Cognition*.
3. **Bramley**, N. R., P. Dayan, T. L. Griffiths, and D. A. Lagnado (2017). Formalizing Neurath's ship: Approximate algorithms for online causal learning. *Psychological Review* **124**(3), 301–338.
4. **Bramley**, N. R., D. A. Lagnado, and M. Speekenbrink (2015). Conservative forgetful scholars: How people learn causal structure through interventions. *Journal of Experimental Psychology: Learning, Memory & Cognition* **41**(3), 708–731.
5. McCormack, T., N. R. **Bramley**, C. Frosch, F. Patrick, and D. A. Lagnado (2016). Children's Use of Interventions to Learn Causal Structure. *Journal of Experimental Child Psychology* **141**, 1–22.
6. **Bramley**, N. R., A. Rothe, J. B. Tenenbaum, F. Xu, and T. M. Gureckis (2018). Grounding compositional hypothesis generation in specific instances. In: *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
7. Davis, Z. J., N. R. **Bramley**, R. E. Rehder, and T. M. Gureckis (2018). A causal model approach to dynamic control. In: *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
8. Meng, Y., N. R. **Bramley**, and F. Xu (2018). Children's causal interventions combine discrimination and confirmation. In: *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
9. Davis, Z. J., N. R. **Bramley**, and R. E. Rehder (2018). Causal structure learning with continuous variables in continuous time. In: *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

10. Coenen, A., N. R. **Bramley**, A. Ruggeri, and T. M. Gureckis (2017). Beliefs about sparsity affect causal experimentation. In: *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
11. Schulz, E., E. D. Klenske, N. R. **Bramley**, and M. Speekenbrink (2017). Strategic exploration in human adaptive control. In: *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
12. **Bramley**, N. R., R. Mayrhofer, T. Gerstenberg, and D. A. Lagnado (2017). Causal learning from interventions and dynamics in continuous time. In: *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
13. **Bramley**, N. R., T. Gerstenberg, and J. B. Tenenbaum (2016). Natural science: Active learning in dynamic physical microworlds. In: *Proceedings of the 38th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society, pp.2567–2573.
14. **Bramley**, N. R., P. Dayan, and D. A. Lagnado (2015). Staying afloat on Neurath's boat: Heuristics for sequential causal learning. In: *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society, pp.262–267.
15. **Bramley**, N. R., T. Gerstenberg, and D. A. Lagnado (2014). The order of things: Inferring causal structure from temporal patterns. In: *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society, pp.236–242.

Awards and Scholarships

£500: BPS Award for Outstanding Doctoral Research Contributions to Psychology (2017)

£500: EPS Grindley Grant (2016)

£1204: SLMS Graduate School Conference Fund (2016)

$500: Robert J. Glushko & Pamela Samuelson Foundation Award for best papers at CogSci (2015)

£1470: SLMS Graduate School Conference Fund (2015)

£3000: Bogue Research Fellowship from UCL funding visit to UC Berkeley, MIT and NYU (2015)

£79,600: London Financial Computing DTC 4-year EPSRC PhD scholarship (2012 – 2016)

£150: Award for best performing student in MSc Cognitive Decision Sciences (2011)

Selected invited talks

April 2018: Neuroscience Showcase, Center for Data Science, NYU, New York, NY, USA

Mar 2018: Psychology colloquium, UC Berkeley, Berkeley, CA, USA

Feb 2018: Psychology colloquium, UC Irvine, Costa Mesa, CA, USA

Oct 2017: Tenenbaum Lab, MIT, Cambridge, MA, USA

Aug 2017: ILCC series, Informatics Forum, University of Edinburgh, UK

Mar 2017: ConCats, NYU, New York, NY

Mar 2016: Summerfield lab, Experimental Psychology, University of Oxford, UK

Oct 2015: London Judgment and Decision Making Group, UCL, London, UK

Jul 2015: Decision Making Symposium, Birkbeck, London, UK

Feb 2015: Centre for Logic, Language and Cognition, University of Turin, Italy

May 2014: Max Planck Institute for Human Development, Berlin, Germany

Professional service

Invited Reviewer

Cognition (2), *Psychological Science* (2), *JEP: General* (1), *JEP: Learning, Memory & Cognition* (6), *Memory & Cognition* (4), *Cognitive Science* (4), *Topics in Cognitive Science* (2), *Journal of Behavioral Decision Making* (1), *Experimental Psychology* (1), *Quarterly Journal of Experimental Psychology* (1), *Open Mind* (1), *PloS One* (1), *CogSci Conference* (10).