

# Tom E. Hardwicke

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Postdoctoral Fellow

Meta-Research Innovation Center at Stanford (METRICS)

Stanford University

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## Education

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2016 **PhD Experimental Psychology**

University College London, United Kingdom.

2012 **MRes Brain Imaging and Cognitive Neuroscience**

The University of Birmingham, United Kingdom.

2011 **BSc Psychology** (First Class Honours)

Cardiff University, United Kingdom.

## Awards

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2013 **Best Poster Prize**

Economic and Social Research Council Annual Meeting.

2011 **The George Westby Prize** (highest degree grade)

Cardiff University.

2011 **The Stuart Diamond Memorial Prize** (best final year project)

Cardiff University.

2011 **The British Psychological Society Undergraduate Award**

Cardiff University.

2010 **Best Presentation Award**

British Psychological Society Student Conference.

## Publications

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Cristea, I. A., Naudet, F., Shanks, D. R., **Hardwicke, T. E.** (*in press*). Post-retrieval Tetris should not be likened to a 'cognitive vaccine'. *Molecular Psychiatry*.

- Hardwicke, T. E.** & Shanks, D. R. (2016). [Reply to Walker and Stickgold: Proposed boundary conditions on memory reconsolidation will require empirical verification](#). *Proceedings of the National Academy of Sciences of the United States of America*, 113, 1-2.
- Kidwell, M. C., Lazarević, L. B., Baranski, E., **Hardwicke, T. E.**, Piechowski, S., Falkenberg, L-S., Kennett, C., Slowik, A., Sonnleitner, C., Hess-Holden, C., Errington, T. M., Fiedler, S., & Nosek, B. A. (2016). [Badges to acknowledge open practices: A simple, low cost, effective method for increasing transparency](#). *PLOS Biology*, 14, 1-15.
- Hardwicke, T. E.**, Mahdi, T., & Shanks, D. R. (2016). [Post-retrieval new learning does not reliably induce human memory updating via reconsolidation](#). *Proceedings of the National Academy of Sciences of the United States of America*, 113, 5206-5211.
- Vadillo, M. A., **Hardwicke, T. E.**, Shanks, D. R. (2016). [Publication bias, vote counting, and money priming effects: A comment on Rohrer, Pashler, and Harris \(2015\) and Vohs \(2015\)](#). *Journal of Experimental Psychology: General*, 145, 655-663.
- Baker, R., Dexter, M., **Hardwicke, T. E.**, Goldstone, A., Kourtzi, Z. (2014). [Learning to predict: Exposure to temporal sequences facilitates prediction of future events](#). *Vision Research*, 99, 124-133.
- Ludwig, C. J. H., Farrell, S., Ellis, L. A., **Hardwicke, T. E.**, & Gilchrist, I. D. (2012). [Context-gated statistical learning and its role in visual-saccadic decisions](#). *Journal of Experimental Psychology: General*, 141, 150-169.

## Presentations

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- Hardwicke, T. E.** (2017). Open data are not enough: An evaluation of data availability and computational reproducibility at the journal *Cognition*. *Society for Improving Psychological Science Conference*. [talk]
- Hardwicke, T. E.** (2017). Principles of reproducible research. *Stanford SPECTRUM Scholars Seminar*. [talk]
- Hardwicke, T. E.**, & Shanks, D. R. (2016). Revisiting the misinformation effect: Does reconsolidation overwrite existing memories? *6<sup>th</sup> International Conference on Memory*. [poster]
- Hardwicke, T. E.**, Mahdi, T., & Shanks, D. R. (2016). Post-retrieval new learning does not reliably induce human memory updating via reconsolidation. *6<sup>th</sup> International Conference on Memory*. [talk]

**Hardwicke, T. E., & Shanks, D. R. (2015).** Does reconsolidation enable human memory updating? *Experimental Psychology Society London Meeting*. [talk]

**Hardwicke, T. E., & Shanks, D. R. (2014).** Does reconsolidation enable human memory updating? *UCL Faculty of Brain Sciences Symposium*. [poster]

**Hardwicke, T. E. (2013).** The stability and plasticity of human knowledge. *ESRC UCL DTC Annual Meeting*. [poster]

**Hardwicke, T. E., Ludwig, C. J. H., Farrell, S., Ellis, L. A., & Gilchrist, I. D. (2010).** Learning the environmental statistics facilitates effective gaze allocation. *BPS Welsh Branch Annual Student Conference*. [talk]

**Hardwicke, T. E., Ludwig, C. J. H., Farrell, S., Ellis, L. A., & Gilchrist, I. D. (2010).** Statistical learning facilitates effective gaze allocation. *BVI Young Researchers' Colloquium*. [poster]

## Academic employment history

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- 2015 **Scholar in Residence** | Center for Open Science.
- 2011 **Research Assistant** | School of Psychology, University of Birmingham.
- 2009/10 **Research collaborator** | School of Psychology, University of Bristol.
- 2009 **Undergraduate Research Program** | School of Psychology, Cardiff University.

## Grants and funding

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- 2016 **Travel Grant, International Conference on Memory**  
Experimental Psychology Society.
- 2016 **Travel Grant, International Conference on Memory**  
University College London.
- 2015 **ESRC Collaborative Placement Funding**  
Economic and Social Research Council.
- 2014 **Travel Grant, Human Factors in Science Symposium**  
University College London.
- 2012 **ESRC PhD Studentship**  
Economic and Social Research Council.

2009 **Undergraduate Research Opportunities Program**  
Cardiff University.

## Teaching experience

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- 2017 **Ad-Hoc Lecturer** (On the Nature of Replication). *CSLI Summer School*, Center for the Study of Language and Information, Stanford University
- 2017 **Ad-Hoc Lecturer** (Building a Reproducible Research Workflow). *Essentials of Clinical Research*, Stanford Medicine, Stanford University
- 2014/16 **Postgraduate Teaching Assistant**. *Research and Quantitative Methods In Psychology (BSc)*. Department of Experimental Psychology, University College London.
- 2016 **Ad-hoc lecturer** (Introduction to Open Science). *Social Cognition (MSc)*. Department of Experimental Psychology, University College London.
- 2015 **Ad-hoc lecturer** (Introduction to Memory & Learning). *Cognitive and Decision Sciences (MSc)*. Department of Experimental Psychology, University College London.

## Supervision of student dissertation projects

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- 2017 Emily Huxtable (BSc).
- 2016 Bethany Manning (BSc).
- 2015 Gudmundur Haraldsson (MSc).
- 2014 Mahdi Taqi (MSc).

## Additional roles

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- 2017 - present **Open Science Catalyst** | Berkeley Initiative for Transparency in the Social Sciences (BITSS).
- 2015 - present **Open Science Ambassador** | Center For Open Science.
- 2015 **Convener** | Is Science Broken? | Public debate | University College London.
- 2012 - 2015 **Co-founder of CRITUCL** | Postgraduate discussion group.
- 2012 - 2015 **Opticon1826 Faculty Editor (Brain Sciences)** | University College London.

2012 - 2014	<b>ESRC Student Representative</b>   University College London.
2008 - 2009	<b>Secretary</b>   Undergraduate Psychology Society   Cardiff University.
Ad-hoc	<b>Reviewer</b>   Royal Society Open Science   Research Integrity and Peer Review   Advances in Methods and Practices in Psychological Science   Collabra: Psychology.

## Open research practices

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Please visit my Open Science Framework page ([osf.io/i8w73](https://osf.io/i8w73)) for:

- Open data
- Open materials
- Open analysis scripts
- Pre-registered study protocols

## Programming languages

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R, Javascript, HTML.

## Referees

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Available on request.