

# Jörn Alexander Quent, M.Sc.

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PhD student at University of Cambridge  
MRC Cognition and Brain Sciences Unit · 15 Chaucer Road Cambridge CB2 7EF, UK  
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## Education

*University of Cambridge*, PhD in Biological Sciences at MRC CBU since 2017  
Supervisor: Rik Henson  
College: Clare Hall  
*Ruhr-University Bochum*, M.Sc. Psychology and Cognitive Neuroscience 2015 - 2017  
*University of Nebraska - Omaha*, Term abroad in Psychology 2014  
*Ruhr-University Bochum*, B.Sc. Psychology 2012 - 2015

## Scholarships & Honors

*Gates Cambridge Scholarship* since 2017  
Melinda and Bill Gates Foundation, USA  
*Full student scholarship* 2014 - 2017  
Hans-Böckler Foundation, Germany  
*Scholarship for a term abroad* 2014  
Mid-American Universities International (MAUI), USA  
*University of Nebraska – Omaha’s Chancellor’s list* 2014

## Publications

### Journal Articles

**Quent, J. A.**, McCullough, A. M., Sazma, M., Wolf, O. T., & Yonelinas, A. P. (2018). Reward anticipation modulates the effect of stress-related increases in cortisol on episodic memory. *Neurobiology of Learning and Memory*, 147, 65–73. <https://doi.org/10.1016/J.NLM.2017.11.007>

### Talks

*Using immersive virtual reality to examine the U-shaped relationship between schema and memory performance* 15th May 2019  
Wednesday Lunch Time Seminar  
University of Cambridge  
MRC Cognition and Brain Sciences Unit  
*Using immersive reality to examine the U-shaped relationship between schema and memory performance*  
4th April 2019  
Cambridge Memory Meeting  
University of Cambridge  
*U-shaped relationship between object-location expectancy and memory performance in an immersive reality environment* 3rd Jan 2019  
Annual meeting of the Experimental Psychology Society

London  
*Open notebooks in cognitive neuroscience* 20th Nov 2018  
 Open Science Day  
 University of Cambridge  
 MRC Cognition and Brain Sciences Unit

*Using RMarkdown to create scientific manuscripts* 5th Dec 2017  
 Methods day  
 University of Cambridge  
 MRC Cognition and Brain Sciences Unit

*Interaction between reward anticipation and stress hormone during memory formation* 1st Nov 2017  
 Gates Cambridge internal symposium

*Reward anticipation modulates the effect of cortisol on memory* 1st Jan 2017  
 Research colloquium "Cognitive Psychology and Psychoneuroendocrinology"  
 Ruhr-University Bochum  
 Faculty of Psychology

### Posters

**Quent, J. A.**, Henson, R. N. (April 4, 2019). Using hydrocortisone to modulate the U-shape between expectancy and memory. *BNA 2019 Festival of Neuroscience*, Dublin (Ireland).

**Quent, J. A.**, Meyer, M. Ros, T., Kuchinke, L. (May 31, 2018). Reading prevails: automatic word recognition in a single-letter Stroop task. *Psychologie und Gehirn 2018*, Gießen (Germany).

Meyer, M., Manrique Aristizabal, J. A., **Quent, J. A.**, Crawford, B., & Vuilleumier, P. (May 11, 2018). Regulating With The Mind's Eye: The Link Between Mental Imagery And Emotion Regulation. 36. *Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der DGPs*, Landau (Germany).

**Quent, J. A.**, McCullough, A. M., Sazma M., Wolf O. T., Yonelinas A. P. (March 12, 2018). Tag-and-capture theory in light of reward anticipation and post-encoding stress. *Cambridge Neuroscience Seminar 2018*, Cambridge (United Kingdom).

### Theses

*Reward anticipation modulates the effect of cortisol on memory*, M.Sc. 2017  
 Supervisors: Oliver T. Wolf & Uta Wiemers  
 Grade: 1.0

*Reading prevails: the electrophysiological signature of semantic access in a Stroop task*, B.Sc. 2015  
 Supervisors: Lars Kuchinke & Marcel Meyer  
 Grade: 1.0

### Research Experience & Employment

*Visting scholar*, UC Davis 2016  
 Department of Psychology  
 Human Memory Lab  
 Supervisor: Andrew Yonelinas

*Research assistant*, Ruhr-University Bochum 2016

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| Supervisors: Lars Kuchinke & Marcel Meyer<br><i>Undergraduate research assistant</i> , Ruhr-University Bochum                    | 2015 |
| Supervisor: Oliver T. Wolf<br><i>Undergraduate research assistant</i> , Ruhr-University Bochum                                   | 2015 |
| Supervisor: Lars Kuchinke<br><i>Internship</i> , St. Joseph Hospital Bochum<br>Neurological Clinic of the Ruhr-University Bochum | 2014 |
| Supervisor: Christian Prehn  |      |

## Teaching

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| <i>Undergraduate supervisor</i> , PBS4: Psychology and Cognitive Neuroscience<br>University of Cambridge<br>Corpus Christi College | 2018/2019 |
| <i>Tutor</i> , Neurosciences<br>Oxford Summer Courses  | 2018      |
| <i>Undergraduate supervisor</i> , PBS4: Psychology and Cognitive Neuroscience<br>University of Cambridge<br>Wolfson College        | 2018      |
| <i>Teaching staff</i> , Introductory course for R (seminar)<br>Ruhr-University Bochum<br>Faculty of Psychology                     | 2016      |
| <i>Teaching staff</i> , Introductory course for R (seminar)<br>Ruhr-University Bochum<br>Faculty of Psychology                     | 2015      |
| <i>Teaching assistant</i> , Tutorial for 2nd year statistics<br>Ruhr-University Bochum<br>Faculty of Psychology                    | 2014      |