

Jörn Alexander Quent, M.Sc.

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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

Goodrich, R. I., Baer, T. L., **Quent, J. A.**, & Yonelinas, A. P. (2019). Visual working memory impairments for single items following medial temporal lobe damage. *Neuropsychologia*, 134. <http://doi.org/10.1016/j.neuropsychologia.2019.107227>
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

Bayesian multilevel models 11th November 2019
Imaging Interest Group
University of Cambridge
MRC Cognition and Brain Sciences Unit
Link: <https://osf.io/f56bw/>
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
 Supervisors: Lars Kuchinke & Marcel Meyer
Undergraduate research assistant, Ruhr-University Bochum 2015
 Supervisor: Oliver T. Wolf
Undergraduate research assistant, Ruhr-University Bochum 2015
 Supervisor: Lars Kuchinke
Internship, St. Joseph Hospital Bochum 2014
 Neurological Clinic of the Ruhr-University Bochum
 Supervisor: Christian Prehn

Teaching

Undergraduate supervisor, PBS4: Psychology and Cognitive Neuroscience 2019/2020
 University of Cambridge
 Corpus Christi College
Tutor, Neurosciences 2019
 Oxford Summer Courses
Undergraduate supervisor, PBS4: Psychology and Cognitive Neuroscience 2018/2019
 University of Cambridge
 Corpus Christi College
Tutor, Neurosciences 2018
 Oxford Summer Courses
Undergraduate supervisor, PBS4: Psychology and Cognitive Neuroscience 2018
 University of Cambridge
 Wolfson College
Teaching staff, Introductory course for R (seminar) 2016
 Ruhr-University Bochum
 Faculty of Psychology
Teaching staff, Introductory course for R (seminar) 2015
 Ruhr-University Bochum
 Faculty of Psychology
Teaching assistant, Tutorial for 2nd year statistics 2014
 Ruhr-University Bochum
 Faculty of Psychology