

# LUKAS J. GUNSCHERA

MRC Cognition and Brain Sciences Unit  
University of Cambridge  
United Kingdom

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## EDUCATION

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### University of Amsterdam

Master of Science, Psychological Research  
Grade: 8.69 (cum laude) – UK: first-class distinction

September 2020 – September 2022  
*Amsterdam, The Netherlands*

### University of Leeds

Erasmus Semester, Psychology

January 2020 – August 2020  
*Leeds, UK*

### Radboud University

Bachelor of Science (Honours), Psychology  
Grade: 8.29 (cum laude) – UK: first-class honours

September 2017 – September 2020  
*Nijmegen, The Netherlands*

## PUBLICATIONS

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**Gunschera, L.J.**, Brazil, I.A., Driessen, J.M.A. (2022). Socio-economic decision-making and psychopathy: A systematic review and meta-analysis. *Neuroscience and Biobehavioural Reviews*. 10.1016/j.neubiorev.2022.104966

**Gunschera, L.J.**, Verschuere, B., Murphy, R., Temple-McCune, A., Dutton, K., Fox, E. (2023). No impaired integration in psychopathy: Evidence from an illusory conjunction paradigm. *Personality Disorders: Theory, Research, and Treatment*. doi.org/10.1037/per0000619.

Van der Cruyssen, I., Ben-Shakhar, G., Pertzov, Y., Guy, N., Cabooter, Q., **Gunschera, L.J.**, Verschuere, B. (2023). The validation of online webcam-based eye-tracking: The replication of the cascade effect, the novelty preference, and the visual world paradigm. *Behavior Research Methods*. doi.org/10.3758/s13428-023-02221-2

## UNDER REVIEW AND PREPRINTS

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De Wit, S., Bieleke, M., Fletcher, P.C., Horstmann, A., Schueler, J., Brinkhof, L.P., **Gunschera, L.J.**, Murre, J.M.J. [Registered report Stage 1 IPA]. The shape of habits: A multi-centre replication.

**Gunschera, L.J.**, Temple-McCune, A., Fox, E., Murphy, R. [In preparation]. Overburdening associations: The dependency of psychopathy related acquisitional learning deficits on processing load. *Preprint available*.

## ACADEMIC POSITIONS

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**University of Cambridge – Cognition and Brain Sciences Unit**  
PhD Student

October 2023 – present  
*Cambridge, UK*

Research focused on computational modelling of cognitive risk and protective factors of technology use and its impact on mental wellbeing.  
*Supervision: Amy Orben.*

**University of Cambridge – Cognition and Brain Sciences Unit**  
Postgraduate Research Assistant (full time)

February 2022 – October 2022  
*Amsterdam, The Netherlands*

Research focused on digital technologies and their impact on mental health. *Supervision: Amy Orben.*

### University of Amsterdam

Teaching Assistant (part time)

November 2021 – October 2022  
*Oxford, UK*

- Addiction and compulsive disorders
- Scientific writing and presenting
- Meta-analysis

### University of Oxford

Research Assistant (part time)

July 2021 – October 2022  
*Amsterdam, The Netherlands*

Research on selective attention deficits in psychopathic individuals and potential downstream consequences for decision-making and behavioural inhibition. *Supervision: Elaine Fox & Robin Murphy.*

**University of Amsterdam – Habit Lab**

Research Assistant (part time)

February 2021 – December 2021

*Amsterdam, The Netherlands*

Managed longitudinal projects examining developmental trajectories of habits and their relevance to social media and clinical conditions in Amsterdam, Cambridge, Helsinki, and Konstanz. *Supervision: Sanne de Wit & Tim van Timmeren.*

### **University of Amsterdam – Lie Lab**

Research Assistant and Intern (part time)

February 2021 – December 2021

*Amsterdam, The Netherlands*

Research focused on detection of lies utilizing concealed information test and eye-tracking data. Research into antisocial behaviour in community and offender samples. *Supervision: Bruno Verschuere.*

## **VISITING POSITIONS**

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**University of Oxford**

*Visiting Researcher*

October 2019 – November 2019

*Oxford, UK*

## **INVITED TALKS**

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**No impaired integration in psychopathy**

Personality disorder and addiction conference

March 2023

*Utrecht, The Netherlands*

**Do psychopaths suffer from impaired information integration?**

Netherlands Institute of Psychologists (NIP)

February 2023

*Online*

## **PLACEMENTS**

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**Radboud University**

Honours Programme

September 2018 – September 2020

*Nijmegen, The Netherlands*

**Radboud University**

Interdisciplinary Honours Programme

January 2018 – July 2018

*Nijmegen, The Netherlands*

**Montessori Schule**

Internship

May 2016 – June 2016

*Osnabrück, Germany*

## **SKILLS**

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**Programming** R, Python, SQL, Inquisit, MatLab, Lotus

**Data acquisition** Electroencephalography, electrodermal, electrocardiography, respiration, eye-tracking

**Formal Analyses** Bayesian inference, meta-analysis, multilevel modelling, network analyses, computational modelling, structural equation modelling, panel analyses

## **AWARDS AND RECOGNITIONS**

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Thesis Award, Netherlands Institute of Psychologists 2023

Radboud Honours Academy, Honours Bachelor 2020

Radboud Honours Academy, Honours Interdisciplinary 2018

Radboud University, Propedeuse cum laude 2018

September 1<sup>st</sup>, 2023

