

# LUKAS J. GUNSCHERA

MRC Cognition and Brain Sciences Unit  
University of Cambridge  
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## EDUCATION

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<b>University of Amsterdam</b> Master of Science, Psychological Research Grade: 8.69 (cum laude) – UK: first-class distinction	September 2020 – September 2022 <i>Amsterdam, The Netherlands</i>
<b>University of Leeds</b> Erasmus Semester, Psychology	January 2019 – August 2019 <i>Leeds, UK</i>
<b>Radboud University</b> Bachelor of Science (Honours), Psychology Grade: 8.29 (cum laude) – UK: first-class honours	September 2017 – September 2020 <i>Nijmegen, The Netherlands</i>

## 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

## UNDER REVIEW AND PREPRINTS

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**Gunschera, L.J.**, Verschuere, B., Murphy, R., Temple-McCune, A., Dutton, K., Fox, E. [Under review]. No impaired integration in psychopathy: Evidence from an illusory conjunction paradigm. *Preprint available*.

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

Van der Cruyssen, I., Ben-Shakhar, G., Pertzov, Y., Guy, N., Cabooter, Q., **Gunschera, L.J.**, Verschuere, B. [Under review]. The validation of online webcam-based eye-tracking: The replication of the cascade effect, the novelty preference, and the visual world paradigm. *Preprint available*.

**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*.

**Gunschera, L.J.**, Temple-McCune, A., Murphy, R., Fox, E. [In preparation]. Psychopathy related reversal learning deficits in the general population: The influence of perceptual load and stimuli associability. *Preprint available*.

## ACADEMIC POSITIONS

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\**Experience* based on [Contributor Roles Taxonomy \(CRediT\)](#)

<b>University of Cambridge – Cognition and Brain Sciences Unit</b> Postgraduate Research Assistant (full time)	October 2022 – present <i>Cambridge, UK</i>
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Research focused on digital technologies and their impact on mental health. *Supervision: Amy Orben*.

\**Experience: methodology, administration, software, formal analysis, data curation, writing*

<b>University of Amsterdam</b> Teaching Assistant (part time)	February 2022 – October 2022 <i>Amsterdam, The Netherlands</i>
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- Addiction and compulsive disorders
- Scientific writing and presenting
- Meta-analysis

\**Experience: teaching, grading, organisation*

**University of Oxford**  
Research Assistant (part time)

November 2021 – October 2022  
Oxford, UK

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

*Experience: conceptualisation, methodology, administration, software, formal analysis, data curation, writing*

**University of Amsterdam – Habit Lab**  
Research Assistant (part time)

July 2021 – October 2022  
Amsterdam, 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*

*\*Experience: conceptualisation, methodology, supervision, administration, software, formal analysis, data curation, writing*

**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*

*\*Experience: conceptualisation, methodology, administration, software, formal analysis, data curation, writing*

## VISITING POSITIONS

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**University of Oxford**  
*Visiting Researcher*

October 2019 – November 2019  
Oxford, UK

Research on modern conceptualisations of psychopathy and innovative approaches to the assessment of psychopathic deficits. *Supervision: Elaine Fox & Alexander Temple McCune*

## PLACEMENTS

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**Radboud University**  
Honours Programme

September 2018 – September 2020  
Nijmegen, The Netherlands

Extracurricular study program for students with exceptional achievement, encompassing research projects, academic writing, teaching, individual supervision, conferences, and academic excursions. Research projects ranged from domains of neuroscience and psychophysiology to applied clinical research. *Supervision: Dennis Schutter, Inti Brazil, & Mathieu Koppen*

**Radboud University**  
Interdisciplinary Honours Programme

January 2018 – July 2018  
Nijmegen, The Netherlands

Extracurricular study program for students with exceptional achievement aimed at facilitating interdisciplinary scientific exchange, encompassing presentations and discussions with leading professors from medicine, physics, biology, and more.

**Montessori Schule**  
Internship

May 2016 – June 2016  
Osnabrück, Germany

Taught a class of children with disabilities at the Montessori Schule Osnabrück, a school dedicated to mental development and inclusion.

## SKILLS

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<b>Programming</b>	R, Python, Inquisit, MatLab, Lotus
<b>Data acquisition</b>	Electroencephalography, electrodermal, electrocardiography, respiration, eye-tracking
<b>Formal Analyses</b>	Bayesian inference, meta-analysis, multilevel, network analyses, structural equation modelling, computational modelling, panel analyses

## AWARDS AND RECOGNITIONS

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Radboud Honours Academy, Honours Bachelor	2020
Radboud Honours Academy, Honours Interdisciplinary	2018
Radboud University, Propedeuse cum laude	2018

## PROFESSIONAL AFFILIATIONS

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Member of the Psychonomic Society	July 2022 – present
Member of the Society for Scientific Study of Psychopathy	April 2022 – present
Member of the American Psychological Association	July 2021 – present
Member of the Student Initiative for Open Science	January 2021 – October 2022
Student Delegate at University of Amsterdam	September 2020 – September 2022

November 29<sup>th</sup>, 2022

