

# 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)

September 2020 – September 2022  
*Amsterdam, The Netherlands*

**University of Leeds**  
Erasmus Semester, Psychology

January 2019 – August 2022  
*Leeds, UK*

**Radboud University**  
Bachelor of Science (Honours), Psychology  
Grade: 8.14 (cum laude)

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

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

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

From October 2022  
*Cambridge, UK*

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

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

**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*.

Responsibilities: conceptualisation, methodology, administration, software, formal analysis, data curation, writing

**University of Amsterdam – Habit Lab**

Research Assistant (part time)

July 2021 – November 2022

Amsterdam, The Netherlands

International longitudinal projects examining developmental trajectories of habits and their relevance to social media and clinical conditions.

*Supervision: Sanne de Wit & Tim van Timmeren.*

*\*Responsibilities: 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.*

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

**University of Amsterdam**

Teaching Assistant (part time)

February 2021 – August 2022

Amsterdam, The Netherlands

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

*\*Responsibilities: teaching, grading, organisation*

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**VISITING POSITIONS****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.*

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**PLACEMENTS****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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*Programming:* R, Python, Inquisit, MatLab

*Data acquisition:* electroencephalography, electrodermal activity, electrocardiography, respiration

*Formal Analyses:* 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 August 2020

Radboud Honours Academy, Honours Interdisciplinary August 2018

Radboud University, Propedeuse cum laude August 2018

## PROFESSIONAL AFFILIATIONS

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Member of the Society for Scientific Study of Psychopathy April 2022 – present

Member of the Psychonomic Society July 2022 – present

Member of the American Psychological Association July 2021 – present

Member of the Student Initiative for Open Science January 2021 – September 2022

Student Delegate, University of Amsterdam September 2020 – September 2022

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

