

LUKAS J. GUNSCHERA

MRC Cognition and Brain Sciences Unit
University of Cambridge
United Kingdom

www.lukasgunschera.com
l.gunschera@outlook.com
orcid.org/0000-0002-8241-0833

EDUCATION

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 2019 – August 2019
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

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. *Personality Disorders: Theory, Research, and Treatment*. No impaired integration in psychopathy: Evidence from an illusory conjunction paradigm. 10.31234/osf.io/k2hj9.

UNDER REVIEW AND PREPRINTS

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.

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

**Experience* based on Contributor Roles Taxonomy (CRediT)

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

October 2022 – present
Cambridge, UK

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

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

University of Amsterdam
Teaching Assistant (part time)

February 2022 – October 2022
Amsterdam, The Netherlands

- 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, 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*

**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

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

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, SQL, Inquisit, MatLab, Lotus |
| Data acquisition | Electroencephalography, electrodermal, electrocardiography, respiration, eye-tracking |
| Formal Analyses | Bayesian inference, meta-analysis, multilevel, network analyses, structural equation modelling, computational 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 |

PROFESSIONAL AFFILIATIONS

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| Editor at Cambridge University Science and Policy Exchange | January 2023 – present |
| 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 |

January 29th, 2023

