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)

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

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

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

*responsibilities based on Contributor Roles Taxonomy (CReditT)

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

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

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

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

PROFESSIONAL AFFILIATIONS

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 29th, 2022